

Nozzles, Hoses,
Reels & Couplings

Hand Pumps

Lubrication &
Workshop Equipment

Drum & IBC
Equipment

Filtration & Fuel
Conditioning

Flow Meters

Powered Pumps

Fuel Management

Electric Vehicle
Charging

Heating Oil, Fuel Tank
& Tanker Equipment

Signs & Labels

Sealants, Tools
& Absorbents

Forecourt Construction
Equipment

HYTEK
FUEL & LUBRICATION
EQUIPMENT



Retail Catalogue - Live From April 2019

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Logos



= New product



= Includes 2 year parts warranty



= Made in the UK/ Mixed source/ assembled in the UK



= Built & developed by Hytek or passed Hytek's quality inspection



= ATEX certified, equipment suitable for use in flammable atmospheres



= Sales literature available



= Approved for dispensing fuel for resale (replaces W&M).



= European International Organisation of Legal Metrology (Approved for resale of fuel in Europe)

MID = Approved to the measurement instrument directive

MPG = Miles per gallon

WIFI = WIFI

LAN = LAN

CO² = CO² output reading

Products are suitable with:

ADBLUE[®] DEF = AdBlue[®]/DEF

AIR = Air

ANTIFREEZE = Antifreeze

B100 = Biodiesel up to B100 refined to EN14214 standard

BIOFUEL = Heating Oil up to B35 refined to EN14212 standard

DIESEL = Diesel/Gasoil

E15 = Ethanol to E15

E85 = Ethanol to E85

FOOD GRADE = Some food products, check material compatibility

GREASE = Grease

HEATING OIL = Heating Oil

KEROSENE = Kerosene

OIL = Clean Oil up to SAE 90

OTHER FLUIDS = Other fluids, check material compatibility

PETROL = Petrol

WATER = Water (not for use with potable/drinking water unless specified)

Abbreviations

£ = Pound sterling

A = Amps

AC = Alternating current

Auto = Automatic

BSP = British Standard Pipe

°C = Celsius

c/w = Complete with

cc = Cubic centimetre

cm = Centimetre

cps = Centipoise

D = Depth

dB = Decibel

° = Degrees (angles)

DC = Direct current

Dia = Diameter

°F = Fahrenheit

F = Female

ft = Foot

g = Gram

Galv = Galvanised

H = Height

HP = Horsepower

hrs = Hours

Hz = Hertz

IBC = Intermediate Bulk Container

kg = Kilogrammes

kW = Kilowatt

L = Litre

L/hr = Litres per hour

L/min = Litres per minute

LAN = Local area network

lbs = Force in pounds

M = Male

m = Metre

mA = Milliamp

Max = Maximum

mbar = Millibar

Min = Minimum

Mins = Minutes

ml = Millilitre

mm = Millimetres

MPG = Miles per gallon

OD = Outer diameter

OHV = Overhead valve

P = Parallel

p/mtr = Price per metre

psi = Pressure in pounds per square inch

req'd = Required

Rpm = Revolutions per minute

s/b = Safety break

S/c = Secondary containment

s/s = Stainless steel

T = Tapered

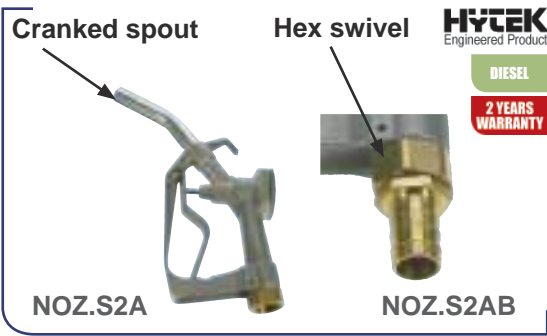
Term. = Termination

V = Voltage/volts

W = Watt

WIFI = Wireless local area network

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Manual Nozzle

- Suitable with diesel or biodiesel up to B30. Cast aluminium body.
- Can be used with gravity feed tanks or electric pumps.
- Integral hook for tidy storage when not in use. Master carton box quantity 20.
- Cranked spout makes filling easier. Hex swivel makes tightening easier.
- 2 year warranty.

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.S2A	C/w swivel	1" F BSPP swivel	80L/min	50psi (3.5 bar)	25mm	21.46
NOZ.S2AB	C/w hose tail	1" hose tail swivel	80L/min	50psi (3.5 bar)	25mm	22.91



Manual Nozzle With Latch

- Complete with latch for use with hand pumps only.
- Latch must be removed for all other applications.
- Choose diesel or unleaded version.
- Cast aluminium body.
- Integral hook for tidy storage when not in use.

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.S2LA	Diesel c/w latch	1" F BSPP swivel	80L/min	50psi (3.5 bar)	25mm	21.46
NOZ.PU	Unleaded c/w latch	¾" F BSPP swivel	80L/min	50psi (3.5 bar)	20mm	23.13



Manual Nozzle Self 3000

- Suitable with diesel & oils to SAE 90.
- Aluminium body enclosed in a plastic shell making it comfortable even when used at low temperatures.
- ATEX certified version (NOZ.S3ATEX).
- Integral hook for tidy storage when not in use.

Stk Code	Description	ATEX	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.S3000	C/w swivel (F00650000)	No	1" F BSPP swivel	150L/min	142psi (10 bar)	25mm	25.92
NOZ.S3ATEX	C/w swivel (F0065003A) ATEX	Yes	1" F BSPP swivel	150L/min	142psi (10 bar)	20mm	40.75



Manual Nozzle For AdBlue® - Viton Seal

- Suitable with AdBlue® & non-drinking water.
- Can be used with gravity feed tanks or electric pumps.
- Spout has stainless steel tip.
- Integral hook for tidy storage when not in use.
- 2 year warranty.
- See pages 113 - 116 for electric pumps for AdBlue®.

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.AB	AdBlue® c/w latch	1" BSPP fixed (¾" swivel hose tail)	80L/min	29psi (2 bar)	19mm	50.23

Manual Nozzle For AdBlue® - Viton Seal



- Suitable with AdBlue® & non-drinkingwater.
- Can be used with gravity feed tanks or electric pumps.
- Spout has stainless steel tip.
- Integral hook for tidy storage when not in use.
- **See pages 113 - 116 for electric pumps for AdBlue®.**

NOZ.MAB

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.MAB	AdBlue® no latch (F14280000)	1" BSPP fixed (¾" swivel hose tail)	80L/min	29psi (2 bar)	19mm	61.63

Polyethylene Manual Nozzle



- Suitable with diesel & non-drinkingwater.
- Polyethylene body.
- Can be used with gravity feed tanks or electric pumps.
- Integral hook for tidy storage when not in use.
- Nitrile seals, mild steel spring.

NOZ.C

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.C	Nitrile seals	¾" hose tail	60L/min	29psi (2 bar)	25mm	11.69

Tanker Delivery Nozzle



- Suitable with diesel or biodiesel up to B100 or heating oils.
- Cast aluminium body. 2" F BSPP swivel lugged nut outlet.
- Also supplied with aluminium spout, 40mm diameter x 185mm long.
- Fitted with anti drain valve for wet hose systems.
- **See page 169 for road tanker equipment.**

NOZ.T

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.T	Tanker nozzle	1½" F BSPP swivel	415L/min	101psi (7 bar)	40mm	346.69

Ultra High Speed Manual Nozzle



- Suitable with diesel or biodiesel up to B100.
- Cast aluminium body.
- Ideal for refuelling very large vehicles & heavy plant equipment.
- Can be used with gravity feed tanks or electric pumps.
- **Automatic version available (NOZA.250S) see page 11.**

NOZ.FEAS

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.FEAS	C/w swivel	1½" F BSPP swivel	250L/min	87psi (6 bar)	48mm	313.37



WATER **Gilmour Wash Down Gun**

- Light duty wash down gun for water.
- Chrome plated zinc body, brass head & stainless steel spring.
- Insulated grip for spraying hot or cold water.
- Max water temperature 50°C.
- Inlet 3/4" F BSPP also supplied with garden hose type quick connector.

Stk Code	Description	Max Pressure	List £
NOZ.PG	Gilmour wash down gun	100psi (7 bar)	15.32



WATER **Water Wash Down Gun**

- Heavy duty wash down gun for water.
- Brass body & stainless steel internals.
- Blue rubber cover for maximum comfort & long life.
- Max water temperature 80°C.

Stk Code	Description	Inlet	Max Pressure	List £
NOZ.P	Water wash down gun 1/2"	1/2" F BSPP fixed	87psi (6 bar)	39.27



WATER **Water Top Up Nozzle**

- Low pressure water gun.
- Can be used with water hose reels.
- For vehicle radiators & tanks.

Stk Code	Description	Inlet	Max Pressure	List £
NOZ.WB	Water bibb nozzle 1/4"	1/4" F BSPP fixed	116psi (8 bar)	30.49



OIL **Oil Nozzles & Hose End Meters**

See pages 51 - 52 for our full range of oil nozzles & hose end meters.

Ultra High Speed Automatic Nozzle



NOZA.250S

- Suitable with diesel or biodiesel up to B30.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- Ideal for refuelling very large vehicles & heavy plant equipment.
- Cast aluminium body.
- 3 position stay open latch.
- **For use with electric pumps only.**

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.250S	Automatic 250L/min	1½" F BSPP swivel	20 - 250L/min	72psi (5 bar)	35mm	398.23

ZVA 32 High Speed Automatic Nozzle



ZVA.32

- Suitable with diesel & petrol. ATEX certified.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch, which may be disabled if required.
- No. 1 type guard.
- **For our ZVA nozzle range see page 15.**
- **For use with electric pumps only.**

Stk Code	Description	ATEX	Inlet	Flow Rate	Max Pressure	Spout OD	List £
ZVA.32	Automatic 200L/min	Yes	1½" M BSPP swivel	15 - 200L/min	87psi (6 bar)	38mm	571.12

Economy Automatic Nozzles



NOZA.60L NOZA.60S NOZA.120S

- Suitable with diesel or biodiesel up to B30.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch.
- **For use with electric pumps only.**
- ¾" aluminium reducing bush available (BSH.4.3A).
- (NOZA.60L) 60L/min with no inlet swivel, has ¾" F fixed inlet.

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.60L	60L/min no swivel	¾" F BSPP fixed	20 - 60L/min	50psi (3.5 bar)	25mm	48.69
NOZA.60S	60L/min	1" F BSPP swivel	20 - 60L/min	50psi (3.5 bar)	25mm	52.52
NOZA.120S	120L/min	1" F BSPP swivel	20 - 120L/min	50psi (3.5 bar)	30mm	112.15
BSH.4.3A	1" M - ¾" F BSPP reducing bush	-	-	-	-	5.88

Piusi Automatic Nozzles



NOZA.60SP

NOZA.120SP

- Suitable with diesel.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch.
- **For use with electric pumps only.**
- ¾" aluminium reducing bush available (BSH.4.3A).

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.60SP	70L/min diesel (F00603060)	1" F BSPP swivel	10 - 70L/min	50psi (3.5 bar)	25mm	95.56
NOZA.120SP	120L/min diesel (F00610020)	1" F BSPP swivel	20 - 120L/min	50psi (3.5 bar)	29mm	118.82
BSH.4.3A	1" M - ¾" F BSPP reducing bush	-	-	-	-	5.88



Husky Automatic Nozzles



DIESEL

- Suitable with diesel or biodiesel up to B30.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch.
- 3/4" aluminium reducing bush available (BSH.4.3A).
- **For use with electric pumps only.**
- **Not** suitable for vehicles with small filler necks.

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
HUSK.GS2	80L/min (1-GS)	1" F BSPP swivel	20 - 100L/min	50psi (3.5 bar)	29mm	163.58
HUSK.HI	150L/min (VIII)	1" F BSPP swivel	20 - 150L/min	50psi (3.5 bar)	35mm	230.85
BSH.4.3A	1" M - 3/4" F BSPP reducing bush	-	-	-	-	5.88



Professional Automatic Nozzles - Standard Speed



DIESEL



- Suitable with diesel or biodiesel up to B30. Standard speed. ATEX certified.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch, which may be disabled if required.
- 3/4" aluminium reducing bush available (BSH.4.3A).
- **For use with electric pumps only.**
- Spout has a stainless steel tip for longer life.
- **NEW** (NOZA.XM) has a 1" male swivel inlet. Use when the delivery hose has a 1" female end.
- **NOZA.XCB** version available with coloured display box.
- **NOZA.XB** version for biodiesel up to B100 (no latch).

Stk Code	Description	ATEX	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.X	80L/min (female swivel inlet)	Yes	1" F BSPP swivel	10 - 80L/min	58psi (4 bar)	25mm	142.72
NOZA.XCB	Above nozzle with coloured box	Yes	1" F BSPP swivel	10 - 80L/min	58psi (4 bar)	25mm	144.38
NOZA.XB	For biodiesel B100	Yes	1" F BSPP swivel	10 - 80L/min	58psi (4 bar)	25mm	142.72
NOZA.XM	80L/min (male swivel inlet)	Yes	1" M BSPP swivel	10 - 80L/min	58psi (4 bar)	25mm	142.72
NOZA.209	For ALPHA Mk1/209 70R	Yes	1" F BSPP swivel	10 - 80L/min	58psi (4 bar)	25mm	173.51
BSH.4.3A	1" M - 3/4" F BSPP reducing bush	-	-	-	-	-	5.88



Professional Automatic Nozzles - High Speed



DIESEL

- Suitable with diesel or biodiesel up to B30. High Speed.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch, which may be disabled if required.
- 3/4" aluminium reducing bush available (BSH.4.3A).
- **For use with electric pumps only.**

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.X25	140L/min	1" F BSPP swivel	15 - 140L/min	50psi (3.5 bar)	31mm	263.40
NOZA.209H	For ALPHA Mk1/209 90R	1" F BSPP swivel	15 - 140L/min	50psi (3.5 bar)	31mm	295.41
BSH.4.3A	1" M - 3/4" F BSPP reducing bush	-	-	-	-	5.88

Spare Parts For Professional Nozzles

- A range of spares are available for our professional nozzles.

Stk Code	Description	List £
Spare parts NOZA.X		
NOZA.XSC	Scuff guard - black	2.72
NOZA.XSCR	Scuff guard - red	2.72
NOZA.XCG	Comfi-grip	2.32
NOZA.XGD	Guard (NOZA.X/NOZA.X25)	15.32
NOZA.XLR	Lever regulator assembly	8.39
NOZA.XSW	Swivel	25.34
NOZA.XSP	Spout	26.00
Spare parts NOZA.X25		
NOZA.X25SC	Scuff guard	4.06
NOZA.X25SW	Swivel	34.77
NOZA.X25SP	Spout	34.21

HYTEK
Engineered Product



ATEX Certified Automatic Nozzle - Unleaded Spout

- Suitable with petrol & kerosene.
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- 3 position stay open latch, which may be disabled if required.
- **For use with electric pumps only.**
- ATEX certified.

KEROSENE

PETROL



Stk Code	Description	ATEX	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.ATEX	60L/min	Yes	1" F BSPP swivel	10 - 60L/min	50psi (3.5 bar)	20mm	145.97

Plastic Body Automatic Nozzle S/S Spout For AdBlue®

- Robust lightweight plastic body.
- 304 stainless steel spout (some inside parts are stainless).
- Suitable with AdBlue® & non-drinking water.
- Automatically shuts off the flow of AdBlue® when the vehicle tank is full.
- 3 position stay open latch.
- **For use with electric pumps only.**

HYTEK
Engineered Product

ADBLUE®
DEF
WATER



Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.PL.AB	Stainless steel spout	1" M BSPP fixed (¾" swivel hose tail)	15 - 60L/min	50psi (3.5 bar)	19mm	158.29

Stainless Steel Automatic Nozzle For AdBlue®

- Suitable with AdBlue® & non-drinking water.
- Automatically shuts off the flow of AdBlue® when the vehicle tank is full.
- 3 position stay open latch. 304 stainless steel body, viton seals.
- **For use with electric pumps only.**
- **NEW** versions available with misfilling spout & vehicle tank adaptor, see page 34.

HYTEK
Engineered Product

ADBLUE®
DEF
WATER



Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.SS	¾" F nozzle	¾" F BSPP fixed	15 - 60L/min	50psi (3.5 bar)	19mm	260.57
NOZA.SS.S	¾" swivelling hose tail nozzle	¾" hose tail swiv	15 - 60L/min	50psi (3.5 bar)	19mm	272.52
NOZA.SS.AB	1" M swivelling nozzle	1" M BSPP swiv	15 - 60L/min	50psi (3.5 bar)	19mm	288.29

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

PIUSI Piusi SB325 Automatic Nozzle For AdBlue®



- Suitable with AdBlue® & non-drinkingwater.
- Automatically shuts off the flow when the vehicle tank is full.
- For use with electric pumps only. 3 position stay open latch.



F00617000 Nozzle With Safety Break Spout

- If the vehicle accidentally drives away with the nozzle still in the vehicle's tank this spout will detach from the nozzle.
- Prevents damage to the dispensing pump. Spout can be replaced R19173000.

F00617000.MD Nozzle With Misfilling Safety Break Spout

- Same as the above nozzle but with a magnetic misfilling spout. This system prevents misfilling of AdBlue® into a vehicles diesel tank when it's fitted with the Elafix 40 magnetic tank adaptor. Spout can be replaced R19172000.

F00617010 Nozzle With Safety Break Spout & Flow Meter

- Same as the F00617000 nozzle with integrated K24 digital flow meter.
- The user can view how many litres have been dispensed.
- This spout can be replaced R19173000.
- This version can also have the misfilling option POA.

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
F00617000	Nozzle with s/b spout	1" M BSPP fixed (3/4" swivel hose tail)	15 - 45L/min	50psi (3.5 bar)	19mm	224.46
R19173000	Replacement spout (for above)	N/A	15 - 45L/min	50psi (3.5 bar)	19mm	40.38
F00617000.MD	Nozzle c/w s/b misfill spout	1" M BSPP fixed (3/4" swivel hose tail)	15 - 45L/min	50psi (3.5 bar)	19mm	287.84
R19172000	Replacement spout (for above)	N/A	15 - 45L/min	50psi (3.5 bar)	19mm	67.83
F00617010	Nozzle c/w s/b spout & meter	1" M BSPP fixed (3/4" swivel hose tail)	15 - 45L/min	50psi (3.5 bar)	19mm	327.04



Misfuelling Device Reset Kit For AdBlue®



- If your fleet prevents misfuelling using the Elafix 40 vehicle tank adaptor, a problem can arise when you want to fill a vehicle or a container that doesn't have the Elafix adaptor, as your nozzle will not work without it.
- Our device fits over the spout of your current nozzle opening the magnet inside & allowing you to fill the vehicle.
- **Important:** remove device from spout after fuelling to prevent tank contamination.

Stk Code	Description	List £
F18400000	Resets misfuelling nozzles	22.60

See pages 24 - 25 for AdBlue® hose



ZVA Automatic Nozzle For AdBlue®



- Automatically shuts off the flow of fuel when the vehicle tank is full.
- Suitable with AdBlue®. **Approved** for resale.
- 3 position stay open latch, which may be disabled if required.
- For use with electric pumps only. Full range of spares available.
- **Note:** to avoid misfuelling this nozzle will only work when the magnet adaptor is fitted to the vehicle tank filler neck (ZVA.ABAD).

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
ZVA.AB	ZVA AdBlue® 1" male swivel inlet	1" M BSPP swivel	10 - 40L/min	50psi (3.5 bar)	19mm	584.97
ZVA.ABAD	Elafix 40 vehicle tank adaptor	-	-	-	-	35.21

ZVA Automatic Nozzles

- The best refuelling nozzles money can buy!
- Almost all petrol forecourts in the UK & Europe fit these. ATEX certified.
- The ZVA Slimline was upgraded in recent years with several enhancements:
 - Less drain off after shut off aids for clean environment.
 - Shut off intelligent valve poppet minimises pressure peaks.
 - Stainless steel tipped spouts protects against wear & tear.

General

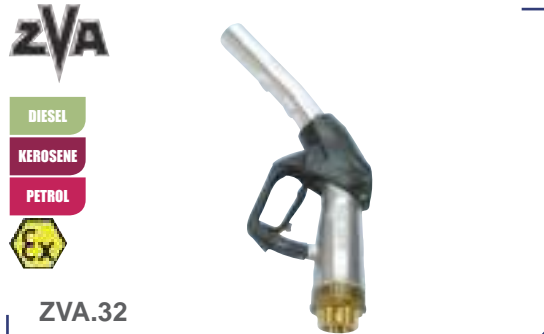
- Automatically shuts off the flow of fuel when the vehicle tank is full.
- Options for diesel, petrol, biodiesel, ethanol E85 kerosene & AdBlue®.
- All have swivel inlets. **Approved** for resale.
- 3 position stay open latch which may be disabled if required.
- Full range of spares available see page 16 - 18.
- **For use with electric pumps only.**

AdBlue®

- ZVA.AB (1" male swivel inlet).
- ZVA.AB.SB with safety break swivel (1" male swivel inlet).
- These nozzles are compatible with the ELAFIX 40 adaptor (ZVA.ABAD) which is fitted by many vehicle manufacturers in the UK/Europe. If you are filling a vehicle with the ZVA nozzle for AdBlue®/Elafix adaptor it is not possible to accidentally cross fill the diesel tank with AdBlue®.
- Note: this nozzle will only work when the magnet adaptor is fitted to the vehicle tank filter neck (ZVA.ABAD).

ZVA Automatic Nozzle For AdBlue® Light Vehicles

- Designed specifically for use with cars & light commercial vehicles.
- Automatically shuts off the flow of AdBlue® when the vehicle tank is full.
- Suitable for AdBlue®. **Approved** for resale.
- 3 position stay open latch, which may be disabled if required.
- For use with electric pumps only. Full range of spares available.
- **Note:** to avoid misfuelling this nozzle will only work when inserted into the correct filler neck on the vehicle, so the magnetic adaptor (ZVA.ABAD) is not required to prevent misfuelling.

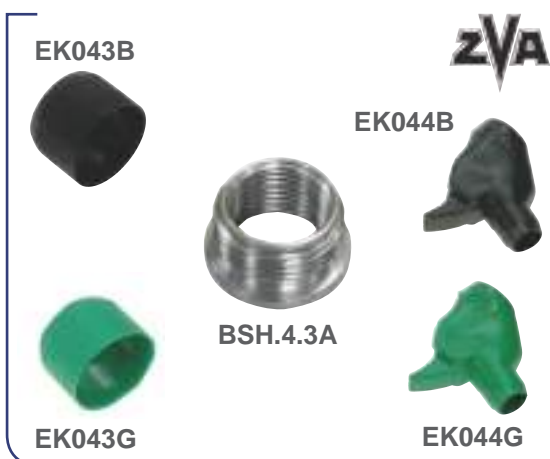


Stk Code	Description	ATEX	Inlet	Flow Rate	Max Pressure	Spout OD	List £
ZVA.STD2E	Diesel	Yes	1" F BSPP swiv	10 - 80L/min	50psi (3.5 bar)	25mm	220.00
ZVA.STD2ESB	Diesel c/w s/b swivel	Yes	1" F BSPP swiv	10 - 80L/min	50psi (3.5 bar)	25mm	316.21
ZVA.ND2	Diesel, non drip	Yes	¾" F BSPP swiv	10 - 55L/min	50psi (3.5 bar)	25mm	275.85
ZVA.LF2	Petrol	Yes	¾" F BSPP swiv	10 - 55L/min	50psi (3.5 bar)	21mm	227.47
ZVA.25	140L/min	Yes	1" F BSPP swiv	15 - 140L/min	50psi (3.5 bar)	31mm	334.53
ZVA.32	200L/min	Yes	1½" M BSPP swiv	15 - 200L/min	87psi (6 bar)	38mm	571.12
ZVA.AB	AdBlue®	Yes	1" M BSPP swiv	10 - 40L/min	50psi (3.5 bar)	19mm	584.97
ZVA.AB.SB	AdBlue® c/w s/b swivel	Yes	1" M BSPP s/b swiv	10 - 40L/min	50psi (3.5 bar)	19mm	712.76
ZVA.ABAD	Vehicle tank adaptor for AdBlue®	N/a	-	-	-	-	35.21
ZVA.ABLV	AdBlue® light vehicle	Yes	1" M BSPP swiv	4 - 5L/min	50psi (3.5bar)	19mm	569.19
ZVA.ABLV.SB	AdBlue® light vehicle c/w s/b swiv	Yes	1" M BSPP s/b swiv	4 - 5L/min	50psi (3.5bar)	19mm	689.92

Spare Parts For ZVA Slimline 2 Nozzle

We offer a full range of spares for ZVA nozzles:

- Slimline 2 - see below.
- Original Slimline - see page 17.
- AdBlue® - see page 18.
- ZVA.25 - see page 18.



Stk Code	Description	List £
BSH.4.3A	1" x 3/4" reducing bush aluminium	5.88
EA008	Lever regulator assembly	30.72
E175.1F/BSC	Safety break swivel 1" female	126.47
E175.1F/BLK	Black cover for E175.1F/BSC	10.28
EA175.1C	1" captive swivel	55.12
EB278NC	Nut for ZVA rear guard	0.54
EB278SC	Screw for ZVA rear guard	0.54
ED079C	Lip seal - blue Polyurethane	2.17
ED237C	Lever gland	0.69
EG281.4P	Guard no.4	20.30
EG281.4PT	Guard no.4 & magnet	31.23
EG281.PT	Guard no.3 & mag - ALPHA/209	30.15
MAGNET	Magnet, cover & pins for guards	14.25
EK038	Black comfigrip	2.29
EK043B	Spout sleeve black	1.28
EK043G	Spout sleeve green	1.28
EK044B	Scuffguard black	3.26
EK044G	Scuffguard green	4.04
EK044R	Scuffguard red	4.04
EK14.DC	Slogan badge - diesel	5.29
EK145C	Slogan badge - unleaded	5.29
EK172C	Strainer	1.40
ER042.1	Diesel spout no s/b	39.71
ER042.1TMV	Diesel spout no s/b non drip	88.65
ER042.1U	Diesel spout c/w s/b	48.61
ER042.7	Unleaded spout no s/b	45.57
ER042.7U	Unleaded spout c/w s/b	50.60
ES033	1" female swivel washers	0.54
EU081	Swivel washer	0.32
SGR.BLK	Splash guards (black)	3.23
SGR.RED	Splash guards (red)	2.29
SGR.GRN	Splash guards (green)	2.95

Spare Parts For ZVA Slimline - Original MK1 Nozzle

- Below are the list of spares we offer for the original MK1 ZVA Slimline nozzle.



Stk Code	Description	List £
BSH.4.3A	1" x 3/4" reducing bush aluminium	5.88
E175.1F/BSC	Safety break swivel 1" female	126.47
E175.1F/BLK	Black cover for E175.1F/BSC	10.28
EA175.1C	1" captive swivel	55.12
EA189C	Lever regulator assembly	28.23
EB278NC	Nut for ZVA rear guard	0.54
EB278SC	Screw for ZVA rear guard	0.54
ED079C	Lip seal - blue polyurethane	2.17
ED179C	Lip seal	2.25
ED237C	Lever gland	0.69
EG281.4P	Guard no.4	20.30
EG281.4PT	Guard no.4 & magnet	31.23
EG281.PT	Guard no.3 & mag - ALPHA/209	30.15
MAGNET	Magnet, cover & pins for guards	14.25
EK138C	Comfigrip	2.55
EK14.DC	Slogan badge - diesel	5.29
EK145C	Slogan badge - unleaded	5.29
EK144BC	Scuffguard - blue	4.66
EK144C	Scuffguard - black	4.20
EK144GC	Scuffguard - green	4.66
EK172C	Strainer	1.40
ER242.1C.SST	Standard spout no s/b	42.46
ER242.1UC.SST	Standard spout c/w s/b	54.72
ER242.7C.SST	LF spout no s/b	47.03
ER242.7UC.SST	LF spout c/w s/b	54.00
ES033	1" female swivel washers	0.54
EU081	Swivel washer	0.32
SGR.BLK	Splash guards (black)	3.23
SGR.RED	Splash guards (red)	2.29
SGR.GRN	Splash guards (green)	2.95

Spare Parts For ZVA Slimline For AdBlue® - Original MK1



- Below are the spares we offer for the original MK1 ZVA Slimline nozzle for AdBlue®.

Stk Code	Description	List £
E175.1F/AB	AdBlue® s/b swivel 1" M	289.09
EA189.1AB	Lever regulator assembly	35.29
ER041	AdBlue® spout no s/b	84.25

Spare Parts For ZVA 25 - Original MK1



- Below are the spare parts for the original MK1 ZVA.25 nozzles.



Stk Code	Description	List £
EA151C	Diaphragm assembly	10.04
E175.1F/BSC	Safety break swivel 1" female	126.47
E175.1F/BLK	Black cover for E175.1F/BSC	10.28
EA375.1C	1" brass swivel	96.34
EA389C	Lever regulator assembly	32.08
EB278NC	Nut for ZVA rear guard	0.54
EB278SC	Screw for ZVA rear guard	0.54
ED237C	Lever gland	0.69
EG371C	Reducing bush for E175.1F/BSC	47.15
EG281.4P	Guard no.4	20.30
EG281.4PT	Guard no.4 & magnet	31.23
EG281.PT	Guard no.3 & mag - ALPHA/209	30.15
MAGNET	Magnet, cover & pins for guards	14.25
EK14.DC	Slogan badge - diesel	5.29
EK244C	Scuffguard black	6.37
EK372C	Strainer	1.86
ER381C	Spout no s/b	54.71
ER381C.SST	Spout no s/b, s/s tip	54.71
ER381UC	Spout c/w s/b	63.92
ES033	1" female swivel washers	0.54
SGR.BLK	Splash guards (black)	3.23
SGR.RED	Splash guards (red)	2.29
SGR.GRN	Splash guards (green)	2.95



Nozzle Hangers - Fleetman

Fits ZVA nozzles only
(except AdBlue® version)

- Wall mount for retaining ZVA nozzles. Nozzles can be padlocked.
- Cast aluminium. **Only** accepts ZVA nozzles with No 4 guards.
- Can be supplied with or without switch.
- Optional switch has a rating of 230V 12 amps.
- **Nozzle not included.**
- **Does not fit Hytek professional nozzles: NOZA.X/NOZA.X25**



HANG.NS

Stk Code	Description	List £
HANG.NS	No switch	144.94
HANG.S	With switch	199.17

Universal Nozzle Hanger/Holster

Nozzle not included

- Adjustable universal nozzle hanger.
- Accepts almost all nozzles. Manual or automatic.
- We know it fits the following:
Piusi Self 2000, 3000, Piusi auto 60/80. Richards A60/A120.
OPW 11 ALD/7-HL. Husky GS2.
HYTEK: NOZA.60S/120S, NOZA.X/X25, NOZA.SS.
ZVA: ZV19, ZVA.STD2E & ZVA.25.



HANG.P

Stk Code	Description	List £
HANG.P	Adjustable nozzle hanger	25.06

Polypropylene Fittings

- Choose from the following listed below.
- **See page 116 for stainless steel fittings.**

Stk Code	Description	List £
SKT.4P	1" socket	2.80
SKT.4.3P	1" - 3/4" reducing socket	5.47
ENDGRV.1.90P	Elbow 90° 1" M BSPP 19mm hose tail	15.01
ENDGRV.13PP	Hose end 1" M BSPP 19mm hose tail	5.60
BEND.4.90.FFP	1" F BSPP bend 90°	8.06
F15484000	90° elbow x 3/4" hosetail for AdBlue®	8.02

ADBLUE®
DEF



SKT.4.3P



ENDGRV.1.90P



NEW F15484000



BEND.4.90.FFP

Swivel Fittings

- Greatly eases handling & reduces hose wear & kinking.
- All have parallel threads except SWIV.15A which has a taper M & parallel F.

DIESEL



SWIV.3A



SWIV.1A



SWIV.15A

Stk Code	Description	Max Pressure	List £
SWIV.3A	3/4" M/F BSPP brass/aluminium	87psi (6 bar)	16.64
SWIV.13A	1" F BSPP - 3/4" M BSPP brass/aluminium	87psi (6 bar)	16.64
SWIV.31A	3/4" F BSPP - 1" M BSPP brass/aluminium	87psi (6 bar)	16.64
SWIV.1A	1" M/F BSPP brass/aluminium	87psi (6 bar)	16.64
SWIV.15A	1 1/2" M BSPT - 1 1/2" F BSPP brass/aluminium	87psi (6 bar)	35.95

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Hose Couplings & Adaptors



- Choose from: hose tails, reducing bushes, worm drive clips etc.
 See page 116 for stainless steel fittings.
 See page 19 for extended polypropylene fittings.

Stk Code	Description	List £
RNP.2.2G	1/2" M parallel (cone) - 1/2" M taper, plated	2.06
SWIV.3S	AdBlue® 3/4" swivel -19mm hose tail s/s	13.25
ENDGRV.3P	3/4" BSPT - 19mm plastic hose tail	5.60
ENDGRV.13PP	1" M BSPP - 19mm plastic hose tail	5.60
ENDGRV.1P	1" M BSPT - 25mm plastic hose tail	2.69
ENDGRV.3	3/4" M BSPT - 19mm brass hose tail	4.35
ENDGRV.1	1" M BSPT - 25mm brass hose tail	5.64
ENDGRV.13	1" M BSPP - 19mm brass hose tail	5.70
ENDGRV.31	3/4" M BSPP - 25mm brass hose tail	5.23
ENDGRV.15	1 1/2" M BSPT - 38mm brass hose tail	18.99
BSH.4.3A	1" M - 3/4" F BSPP bush	5.88
NIP.3P	3/4" BSPP nipple	3.48
WD16/AZ	3/4" (16 - 27mm) worm drive clip	0.72
WD25/AZ	1" (25 - 40mm) worm drive clip	0.79
WD32/AZ	1 1/2" (32 - 50mm) worm drive clip	0.79
QR.4F	1" BSPP female probe	40.89
QR.4M	1" BSPP male probe	19.21

Cam Arm Fittings 1"



- Aluminium cam arm adaptors.
 - Choose from the following:
 Part A male cam adaptor - 1" female thread (CAM.4A).
 Part F male cam adaptor - 1" male thread (CAM.4F).
 Part E male cam adaptor - 1" hose tail (CAM.4E).
 Part B female coupler twin arm - 1" male thread (CAM.4B).
 Part C female coupler twin arm - 1" hose tail (CAM.4C).
 Part D female coupler twin arm - 1" female thread (CAM.4D).
 Dust cap twin arm - 1" female fits all 1" male cams (CAM.4DC).
 Dust plug male cam 1" - fits all 1" female couplers (CAM.4DP).
 - For 2" options see page 21.

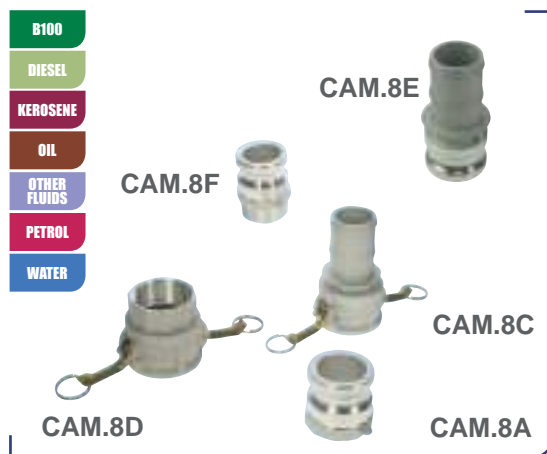
- Polyethylene part D female coupler twin arm 1" female thread.

Stk Code	Description	List £
CAM.4A	1" part A cam adaptor	2.43
CAM.4F	1" part F cam adaptor	2.49
CAM.4B	1" part B cam coupler	5.04
CAM.4C	1" part C cam coupler	5.46
CAM.4D	1" part D cam coupler	5.12
CAM.4E	1" part E cam adaptor	2.85
CAM.4DC	1" dust cap	4.98
CAM.4DP	1" dust plug	1.58
CAM.4DPP	1" part D cam coupler (poly)	8.52

Cam Arm Fittings 2"

- Aluminium cam arm adaptors 2". **Choose from the following:**

Stk Code	Description	List £
CAM.8A	2" part A cam adaptor	3.89
CAM.8F	2" part F cam adaptor	5.61
CAM.8B	2" part B cam coupler	10.18
CAM.8C	2" part C cam coupler	11.26
CAM.8D	2" part D cam coupler	9.52
CAM.8E	2" part E cam adaptor	6.46
CAM.8DC	2" dust cap	8.60
CAM.8DP	2" dust plug	3.98



IBC/Drum Adaptor

- 2" BSPP female - DIN 61 female.
- Fits Schutz drums & IBCs, Soltralenz IBCs, Van Leer Unicubes.
- Fits DN61 external screw necks on 'L' ring drums or IBCs, Plysu 20 - 25L drums with 59mm necks, Valerex 60mm necks, Dynoplast 25L drums with DIN 61 neck.
- Fits common drum types: Van leer (Valerex), Economic drums, Gallay & Mauser.
- **See pages 64 - 65 for other drum adaptors.**



Stk Code	Description	List £
AD.IBC	Adaptor for IBC & drums	3.65

IBC Fittings

- By using these adaptors you can convert the IBC outlet valve quickly.
- Made from 20% glass filled polypropylene.
- 1" or 2" F part A camlock to S60x6, 3/4" or 1" M BSPP to S60x6.
- 3/4" swivel hose tail S60x6 buttress (IBC.3HT).

Stk Code	Description	List £
IBC.4A	1" F part A cam - S60x6 female buttress	10.86
IBC.8A	2" F part A cam - S60x6 female buttress	10.86
IBC.3	3/4" M BSPP - S60x6 female buttress	10.86
IBC.4	1" M BSPP - S60x6 female buttress	10.86
IBC.3HT	3/4" swivel hose tail - S60x6 female buttress	16.35



IBC Fitting Part C Camlock - Hose Tail

- Intermediate bulk container adaptor.
- By using this adaptor you can convert the IBC outlet valve quickly.
- Made from 20% glass filled polypropylene.
- 2" part C camlock - 1" hose tail.

**For IBC top suction connector
see page 66 (SEC.CON).**



Stk Code	Description	List £
IBC.8C	2" part C cam - 1" hose tail	19.11

100% tested



2" Fill/Dry Break Coupling



AB.DBF.2A

- Designed for rapid filling of tanks. Made from 316L stainless steel.
- For use with AdBlue®. EPDM seals.
- Valve opens & closes automatically on connection & disconnection.
- Interchangeable with Todo, Avery Hardoll, Emco Wheaton & MannTek couplings.
- **Made in the UK & 100% tested.**

Stk Code	Description	Inlet	Max Pressure	List £
AB.DBF.2A	Tank unit, female 2" F BSPP	2" F BSPP	150psi (10.3 bar)	187.47

B100

DIESEL

Fuelling Coupler - Flyte Type



DBF.6F

- Interchangeable with most existing "flyte" type fuel couplers.
- High impact steel body, corrosion resistant coating for long life.
- Viton seals.
- Screw connect dry break valve allows safe & easy connection.
- Valve opens & closes automatically on connection & disconnection.
- Hex socket fitting allows fast & easy installation.
- Heavy duty forged handle gives good operator control.
- Quick fit replacement inner cartridges available, no special tools required, eliminates the need for a repair service.
- **Spares available on request.**

Stk Code	Description	Inlet	Flow Rate	Max Pressure	List £
DBF.6F	Flyte fuel coupler 1½" F BSPP	1½" F BSPP	50 - 650L/min	87psi (6 bar)	896.00



Drum/IBC Valve Coupler Self Venting - Micromatic



AB.COUP.DV

- Suitable with AdBlue® & agri chemicals, herbicides, insecticides & fungicides.
- For closed liquid transfer from drums/IBC.
- Self venting to keep the drum/IBC free from contaminants.
- Fits onto existing valve extractor already fitted on drum/IBC.
- 1" F BSPP outlet connection. 304 stainless steel c/w EPDM seals.
- Dry disconnect emptying with less than 1ml of residue.
- Integrates into plastic or metal drums with 2" BSP, 56 x 4mm or 2½" American buttress internal thread that have an existing extractor valve fitted.

Stk Code	Description	Outlet	List £
AB.COUP.DV	Self venting drum connector	1" F BSPP	158.83

Suction Hose Heavy Duty

- Suitable with diesel or biodiesel up to B100.
- Flexible PVC with rigid spiral embedded compound.
- Supplied per metre or on a 30m coil.
- **Options:** ends & clips available, see page 20.
- (SH25.59) 1" suction hose assembly x 1.5m long, 1" BSPM ends with 1" foot valve & strainer.
- (MT.BUNG.N) Tank bung seals a 50mm hole. Also internal 25mm hole seals round the suction hose (SH25.HN 25mm hose fits).



Stk Code	Description	Bore	Max Pressure	List £
SH25.HN	Hose (per metre) 1"	25mm	130psi (9 bar)	10.29
SH25.59	1.5m hose assembly c/w 1" foot valve & strainer	25mm	50psi (3 bar)	28.03
MT.BUNG.N	Tank bung seals 50mm hole, internal 25mm hole	-	-	13.05

1½" Suction Hose

- Suitable with diesel or biodiesel up to B100.
- Flexible with rigid spiral embedded compound.
- Supplied per metre or on a 30m coil.
- **Options:** ends & clips available see below.



Stk Code	Description	Bore	Max Pressure	List £
GHM150	Hose (per metre) 1½"	38mm	87psi (6 bar)	8.75
ENDGRV.15	Brass hose tail 1½" BSPT	-	-	18.99
WD32/AZ	Worm drive clip 1½" (32mm - 50mm)	-	-	0.79

Oil Dispensing Hoses

- A range of hose assemblies.
- Steel braided, rubber coated cover.
- Zinc plated, steel end fittings.
- Quality machine swaged ends.



Stk Code	Description	Length	Ends	Max Pressure	List £
OH.1	Delivery hose assembly ½"	1m	½" M/F BSP cone seat	1885psi (130 bar)	16.52
OH.2	Delivery hose assembly ½"	2m	½" M/F BSP cone seat	1885psi (130 bar)	24.15
OH.3	Delivery hose assembly ½"	3m	½" M/F BSP cone seat	1885psi (130 bar)	27.88
OH.4	Delivery hose assembly ½"	4m	½" M/F BSP cone seat	1885psi (130 bar)	38.49
OH.5	Delivery hose assembly ½"	5m	½" M/F BSP cone seat	1885psi (130 bar)	45.68



HYTEK
Engineered Product
UK
B100
DIESEL

Gravity Feed Kits For Diesel

- Suitable with diesel or biodiesel up to B100.
- Provides simple & quick diesel dispensing from gravity tanks.
- A range of packaged kits including hose, valve, nozzle & PTFE tape.
- All with locking angle valve, robust aluminium trigger nozzle c/w swivel.
- All kits individually packed c/w contents label for easy storage.
- **UK manufactured high quality hose with red stripe.**

Stk Code	Description	Length	Bore	Max Pressure	List £
GK3.LS	3m kit locking angle valve, quick release	3m	25mm	50psi (3.5 bar)	64.76
GK4.LS	4m kit locking angle valve, quick release	4m	25mm	50psi (3.5 bar)	70.14
GK6.LS	6m kit locking angle valve, quick release	6m	25mm	50psi (3.5 bar)	83.49



HYTEK
Engineered Product
UK
ADBLUE®
DEF

IBC Gravity Hose Kit For AdBlue® - Swivelling

- Designed specifically for use to dispense AdBlue® from IBCs.
- Choose 3m, 4m, 6m or 8m long hose, each kit includes:
Swivelling IBC adaptor makes installation easy, manual nozzle & swivelling hose tail inlet. Connects to the IBC bottom outlet connection.
- **UK manufactured high quality hose.**

Stk Code	Description	Length	Bore	Max Pressure	List £
GK3.ABE	3m x 3/4" AdBlue® IBC hose Kit, swiveling IBC adaptor	3m	19mm	50psi (3.5 bar)	88.85
GK4.ABE	4m x 3/4" AdBlue® IBC hose Kit, swiveling IBC adaptor	4m	19mm	50psi (3.5 bar)	94.38
GK6.ABE	6m x 3/4" AdBlue® IBC hose Kit, swiveling IBC adaptor	6m	19mm	50psi (3.5 bar)	109.14
GK8.ABE	8m x 3/4" AdBlue® IBC hose Kit, swiveling IBC adaptor	8m	19mm	50psi (3.5 bar)	123.05



HYTEK
Engineered Product
UK
ADBLUE®
DEF

IBC Gravity Hose Kit For AdBlue® - Quick Release

- Designed specifically for use to dispense AdBlue® from IBCs.
- Choose 3m, 4m, 6m or 8m long hose, each kit includes:
Quick release cam fitting, IBC adaptor easily disconnects from the IBC, manual nozzle & swivelling hose tail inlet. Connects to the IBC bottom outlet connection.
- **UK manufactured high quality hose.**

Stk Code	Description	Length	Bore	Max Pressure	List £
GK3.AB	3m gravity kit for AdBlue®, quick release	3m	19mm	50psi (3.5 bar)	91.58
GK4.AB	4m gravity kit for AdBlue®, quick release	4m	19mm	50psi (3.5 bar)	99.35
GK6.AB	6m gravity kit for AdBlue®, quick release	6m	19mm	50psi (3.5 bar)	114.89
GK8.AB	8m gravity kit for AdBlue®, quick release	8m	19mm	50psi (3.5 bar)	130.41



HYTEK
Engineered Product
UK
ADBLUE®
DEF

Hose For AdBlue®

- Suitable with AdBlue® & antifreeze.
- PVC, polyester braided.
- For suction or delivery.
- **UK manufactured high quality hose with blue stripe.**
- **Can be supplied on a 60m coil** (ABH3.3/4.C60M).

Stk Code	Description	Length	Bore	Max Pressure	List £
ABH3.4.3/4	4m x 3/4" hose no ends	4m	19mm	102psi (7 bar)	22.95
ABH3.6.3/4	6m x 3/4" hose no ends	6m	19mm	102psi (7 bar)	35.36
ABH3.3/4	p/mtr 3/4" no ends	p/mtr	19mm	102psi (7 bar)	4.97
ABH3.3/4.C60M	60m coil	60m	19mm	102psi (7 bar)	287.44

Hose Assemblies For AdBlue® Dispensing



ABH.4TBH

- Suitable with AdBlue®. Chrome plated machine swaged swiveling ends.
- These quality, long life EPDM hose assemblies are from the same factory as our steel braided hoses & textile braided hoses on pages 28 & 31.
- **Option:** stainless steel adaptor to make hose ends 3/4" male.
- **Choose** 4m, 6m or 10m long assembly.
- Statically bonded. Textile braided. Fully tested.

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
ABH.4TBH	4m x 5/8" x 1" F BSPP	4m	16mm	1" F BSPP swivel	232psi (16bar)	135.36
ABH.6TBH	6m x 5/8" x 1" F BSPP	6m	16mm	1" F BSPP swivel	232psi (16bar)	199.97
ABH.10TBH	10m x 5/8" x 1" F BSPP	10m	16mm	1" F BSPP swivel	232psi (16bar)	291.35
NIP.4.3SS	1" - 3/4" BSPT nipple	-	-	-	-	5.98



Hose Assemblies For AdBlue® Dispensing

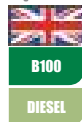


ABH.4.5/8.1F

- Suitable with AdBlue®. Machine swaged swiveling ends.
- Made from NBR electrical conductive low textile braided hose.
- **Tested & approved to EN1360.** Chrome plated ends.
- **Option:** stainless steel adaptor to make hose ends 3/4" male.
- **Choose** 4m, 6m or 10m long assembly.
- **Special length assemblies available on request.**

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
ABH.4.5/8.1F	4m x 5/8" x 1" F BSPP	4m	16mm	1" F BSPP swivel	580psi (40bar)	170.25
ABH.6.5/8.1F	6m x 5/8" x 1" F BSPP	6m	16mm	1" F BSPP swivel	580psi (40bar)	241.45
ABH.10.5/8.1F	10m x 5/8" x 1" F BSPP	10m	16mm	1" F BSPP swivel	580psi (40bar)	343.87
NIP.4.3SS	1" - 3/4" BSPT nipple	-	-	-	-	5.98

Soft Wall Diesel Delivery Hose



GH3

GHC

- Suitable with diesel or biodiesel up to B100.
- Supplied by the metre or in made up hose assemblies.
- Ends held in place with stainless steel machine bands.
- Not electrically bonded. Nylon reinforcing.
- **Also available:** Special length assemblies made to order.
1" hose only (GHM2) or 50m coil (GHC).
3/4" hose only (GHM2.3/4) or 60m coil (GHC.3/4).
- See page 26 for other options.
- **UK manufactured high quality hose with red stripe.**

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
GH3.19	3m x 3/4" hose assembly	3m	19mm	3/4" M BSPT	50psi (3.5 bar)	25.83
GH4.19	4m x 3/4" hose assembly	4m	19mm	3/4" M BSPT	50psi (3.5 bar)	29.65
GH6.19	6m x 3/4" hose assembly	6m	19mm	3/4" M BSPT	50psi (3.5 bar)	37.08
GH3	3m x 1" hose assembly	3m	25mm	1" M BSPT	50psi (3.5 bar)	32.28
GH4	4m x 1" hose assembly	4m	25mm	1" M BSPT	50psi (3.5 bar)	37.06
GH6	6m x 1" hose assembly	6m	25mm	1" M BSPT	50psi (3.5 bar)	44.75
GHM2	1" no ends, p/mtr	p/mtr	25mm	-	50psi (3.5 bar)	6.14
GHC	1" no ends, 50m coil	50m	25mm	-	50psi (3.5 bar)	266.03
GHM2.3/4	3/4" no ends, p/mtr	p/mtr	19mm	-	50psi (3.5 bar)	4.71
GHC.3/4	3/4" no ends, 60m coil	60m	19mm	-	50psi (3.5 bar)	282.26



DIESEL

KEROSENE

PETROL

Special Length Continental Hoses

- Previously known as the Goodyear brand.
- We offer any length hose assemblies made to your requirement.
- Choose type required see below:

Softwall Commercial Hose

(CH) Diesel, statically bonded with **taper ends**.
To see the (CH) range we hold in stock, see below.

Steel Braided Forecourt Hose

(PH) Diesel, Petrol, E85, statically bonded with parallel ends.
Choose fixed male or swivel female ends.
To see the (PH) range we hold in stock, see page 27.

- **Fast 7 working day turnaround for special length assemblies ordered.**

- **All assembled & tested in the UK.**



Taper ends



DIESEL

Soft Wall Fuel Dispensing Hoses - Statically Bonded

- Previously known as the Goodyear brand.
- Suitable with diesel or biodiesel up to B30
- **Commercial soft wall fuel dispensing hose assemblies.**
- **Statically bonded with taper ends.**
- These are a fantastic quality hose assembly.
- Machine swaged ends for long life.
- Ends fixed BSP taper, choose 3/4" or 1".
- Excellent fuel & weather resistant.
- Choose the length required from the options below.
- **All assembled & tested in the UK.**

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
CH4.19	4m x 3/4" M BSPT	4m	19mm	3/4" M BSPT	50psi (3.5 bar)	59.56
CH6.19	6m x 3/4" M BSPT	6m	19mm	3/4" M BSPT	50psi (3.5 bar)	86.56
CH4.25	4m x 1" M BSPT	4m	25mm	1" M BSPT	50psi (3.5 bar)	81.05
CH6.25	6m x 1" M BSPT	6m	25mm	1" M BSPT	50psi (3.5 bar)	120.79
CH8.25	8m x 1" M BSPT	8m	25mm	1" M BSPT	50psi (3.5 bar)	157.67
CH10.25	10m x 1" M BSPT	10m	25mm	1" M BSPT	50psi (3.5 bar)	181.79

Steel Braided Fuel Dispensing Hoses - Statically Bonded



Parallel ends

- Previously known as the Goodyear brand.
- Suitable with petrol, diesel, biodiesel up to B100 & ethanol.
- Used on many retail petrol stations & heavy duty diesel commercial fuel dispensing sites due to their long life capabilities.
- Steel braiding provides protection against vandalism.
- **Tested & approved to EN1360. Statically bonded.**
- Quality long life hose assemblies. Zinc plated machine swaged ends.
- Ends fixed male BSP parallel, choose 3/4" or 1".
- Smooth wipe clean covering. Excellent fuel & weather resistance.
- Can be used with ethanol blended fuels.
- Spare hose ends washers available only sold in packs of 10.
- Choose the length required from the options below.
- **All assembled & tested in the UK.**



B100

DIESEL

E85

KEROSENE

PETROL



PH10.1

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
	Black 19mm bore with 3/4" ends					
PH10.3/4	3.05m (10ft) M	3.05m (10ft)	19mm	3/4" M BSPP	230psi (15.8 bar)	98.65
PH12.3/4	3.66m (12ft) M	3.66m (12ft)	19mm	3/4" M BSPP	230psi (15.8 bar)	108.00
PH15.3/4	4.57m (15ft) M	4.57m (15ft)	19mm	3/4" M BSPP	230psi (15.8 bar)	137.19
PH20.3/4	6.10m (20ft) M	6.10m (20ft)	19mm	3/4" M BSPP	230psi (15.8 bar)	182.01
PH25.3/4	7.62m (25ft) M	7.62m (25ft)	19mm	3/4" M BSPP	230psi (15.8 bar)	215.67
	Black 25mm bore with 1" ends					
PH10.1	3.05m (10ft) M	3.05m (10ft)	25mm	1" M BSPP	230psi (15.8 bar)	123.08
PH12.1	3.66m (12ft) M	3.66m (12ft)	25mm	1" M BSPP	230psi (15.8 bar)	126.94
PH15.1	4.57m (15ft) M	4.57m (15ft)	25mm	1" M BSPP	230psi (15.8 bar)	166.76
PH20.1	6.10m (20ft) M	6.10m (20ft)	25mm	1" M BSPP	230psi (15.8 bar)	203.28
PH25.1	7.62m (25ft) M	7.62m (25ft)	25mm	1" M BSPP	230psi (15.8 bar)	263.43
	Black 16mm bore with 3/4" F - 1" M ends					
HOSE063	4m (13ft) 3/4" F - 1" M (F end swivels)	4m (13ft)	16mm	3/4" F - 1" M BSPP	230psi (15.8 bar)	101.49
	Green 16mm bore with 3/4" ends					
PHG10.3/4M	3.05m (10ft) M	3.05m (10ft)	16mm	3/4" M BSPP	230psi (15.8 bar)	101.14
PHG11.3/4MF	3.35m (11ft) M/F (F end swivels)	3.35m (11ft)	16mm	3/4" M/F BSPP	230psi (15.8 bar)	105.72
	Spare hose end washers (sold in 10+)					
WASH1	1" male washer	-	-	-	-	1.86
WASH2	3/4" male washer	-	-	-	-	1.45

Safety Break Hose Assemblies - Statically Bonded

- These are the same quality steel braided hoses as above.
- Previously known as the Goodyear brand.
- **Tested & approved to EN1360. Statically bonded.**
- Quality long life hose assemblies. Zinc plated machine swaged ends.
- Ends fixed male BSP parallel, choose 3/4" or 1".
- **Assembled & tested in the UK.**



PETROL

B100

DIESEL

E85

KEROSENE



PH1.3/4



PH1.1.500

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
PH1.3/4	275mm x 3/4"	275mm	19mm	3/4" M/M BSPP	230psi (15.8 bar)	36.26
PH1.3/4.500	500mm x 3/4" (For use on ALPHA pumps)	500mm	19mm	3/4" M/M BSPP	230psi (15.8 bar)	45.95
PH1.1	275mm x 1"	275mm	25mm	1" M/M BSPP	230psi (15.8 bar)	46.32
PH1.1.500	500mm x 1" (For use on ALPHA pumps)	500mm	25mm	1" M/M BSPP	230psi (15.8 bar)	67.80

HYTEK
Engineered Product

- DIESEL
- KEROSENE
- PETROL

Steel Braided Fuel Dispensing Hoses - Statically Bonded



- Cost effective & reliable alternative to other steel braided EN1360 hose assemblies.
- We have 32 years of knowledge of what is required for a robust steel braided fuel delivery hose assembly & have been working with a supplier since 2013.
- Suitable with petrol, diesel, biodiesel up to B30.
- **Tested & approved to EN1360. Statically bonded.**
- Steel braiding provides protection against vandalism.
- Quality long life hose assemblies. Chrome plated machine swaged ends.
- Ends fixed male BSP parallel, choose 3/4" or 1".
- Smooth wipe clean covering. Excellent fuel & weather resistance.
- Spare hose ends washers available only sold in packs of 10.

Please Note:

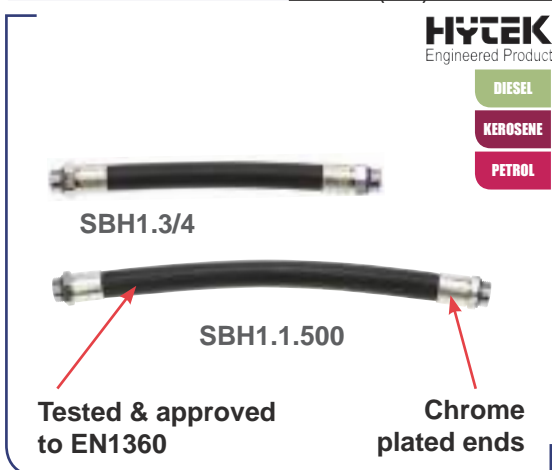
- Old stk code SBH4.19 (4m) has been replaced by SBH12.3/4 (3.66m)
- Old stk code SBH6.19 (6m) has been replaced by SBH20.3/4 (6.10m)
- Old stk code SBH4.25 (4m) has been replaced by SBH12.1 (3.66m)
- Old stk code SBH6.25 (6m) has been replaced by SBH20.1 (6.10m)
- **Choose the length required from the options below.**

Stk Code	Description	Length	Bore	Ends	Max Pressure	List £
19mm bore with 3/4" ends						
SBH7.3/4	2.13m (7ft) x 3/4" M	2.13m (7ft)	19mm	3/4" M BSPP	232psi (16 bar)	39.85
SBH10.3/4	3.05m (10ft) x 3/4" M	3.05m (10ft)	19mm	3/4" M BSPP	232psi (16 bar)	53.14
SBH12.3/4	3.66m (12ft) x 3/4" M	3.66m (12ft)	19mm	3/4" M BSPP	232psi (16 bar)	56.35
SBH15.3/4	4.57m (15ft) x 3/4" M	4.57m (15ft)	19mm	3/4" M BSPP	232psi (16 bar)	66.41
SBH20.3/4	6.10m (20ft) x 3/4" M	6.10m (20ft)	19mm	3/4" M BSPP	232psi (16 bar)	83.03
25mm" bore with 1" ends						
SBH7.1	2.13m (7ft) x 1" M	2.13m (7ft)	25mm	1" M BSPP	232psi (16 bar)	59.21
SBH10.1	3.05m (10ft) x 1" M	3.05m (10ft)	25mm	1" M BSPP	232psi (16 bar)	74.28
SBH12.1	3.66m (12ft) x 1" M	3.66m (12ft)	25mm	1" M BSPP	232psi (16 bar)	83.03
SBH15.1	4.57m (15ft) x 1" M	4.57m (15ft)	25mm	1" M BSPP	232psi (16 bar)	97.91
SBH20.1	6.10m (20t) x 1" M	6.10m (20ft)	25mm	1" M BSPP	232psi (16 bar)	120.05

HYTEK
Engineered Product

- DIESEL
- KEROSENE
- PETROL

Safety Break Hose Assemblies - Statically Bonded



- These are the same quality steel braided hoses as above.
- **Tested & approved to EN1360. Statically bonded.**
- Quality long life hose assemblies. Chrome plated machine swaged ends.
- Ends fixed male BSP parallel, choose 3/4" or 1".
- Choose the length required from the options below.
- 500mm for use on ALPHA fuel pumps.

Stk Code	Description	Length	Ends	Max Pressure	List £
SBH1.3/4	275mm x 3/4"	275mm	3/4" BSPP M	232psi (16 bar)	21.57
SBH1.3/4.500	500mm x 3/4"	500mm	3/4" BSPP M	232psi (16 bar)	24.89
SBH1.1	275mm x 1"	275mm	1" BSPP M	232psi (16 bar)	21.81
SBH1.1.500	500mm x 1"	500mm	1" BSPP M	232psi (16 bar)	37.74

Professional Hose Break Couplings

- Hose break couplings are designed to break & seal in the event of a vehicle driving off with the nozzle still in the tank. ATEX certified.
- A valve on each half of the coupling closes, preventing leaks.
- Suitable with diesel, petrol & biodiesel up to B100.
- Breaks when force is applied in a straight line.
- Use in conjunction with the short "pigtail" hoses see pages 27 - 28.



Stk Code	Description	ATEX	Inlet/Outlet	Breaking Force	List £
BRK.3A	¾"	Yes	¾" F BSPP	250lbs	30.75
BRK.1A	1"	Yes	1" F BSPP	337lbs	95.75

Husky Hose Break Couplings

- Hose break couplings are designed to break & seal in the event of a vehicle driving off with the nozzle still in the tank.
- A valve on each half of the coupling closes, preventing leaks.
- Suitable with diesel & biodiesel.
- Breaks when force is applied in a straight line.
- Use in conjunction with the short "pigtail" hoses see pages 27 - 28.



Stk Code	Description	Inlet/Outlet	Breaking Force	List £
HBRK.3	¾" for diesel & B100 - 2774	¾" F BSPP	300lbs	62.23
HBRK.1B	1" for diesel & B100 - 3076	1" F BSPP	200lbs	198.97
HBRK.1	1" for diesel & B100 reusable	1" F BSPP	200lbs	198.97

ZVA Safety Break Swivel

- Suitable with petrol, diesel or biodiesel up to B100. **Option** for AdBlue®.
- This hose break swivel is designed to separate & seal in the event of a vehicle driving off with the nozzle still in the tank.
- Gives effective protection at any angle of pull.
- **Only** fits ZVA nozzles.
- If fitting to ZVA.25 high speed nozzle, bush EG371C is required.



Stk Code	Description	Inlet	Breaking Force	List £
E175.1F/BSC	Safety break swivel petrol/diesel	1" F BSPP swivel	175 - 265lbs	126.47
E175.1F/AB	Safety break swivel for AdBlue®	1" M BSPP swivel	175 - 265lbs	289.09
EG371C	ZVA.25 fitting bush	-	-	47.15

Hose Mast/Retriever

- Keeps excess hose off the ground, prolonging hose life.
- Prevents safety hazards & hose kinking.
- A simple spring rewind lanyard that attaches to the hose.
- **Only** suitable for use with either 19mm or 25mm bore hoses.
- Can be used with hoses up to 6 metres long.
- Choose either floor or wall mounting versions.
- Floor mount version requires 1½" riser pipe (**not included**).



Stk Code	Description	List £
HMAST.F	Floor mount (excludes riser)	382.41
HMAST.W	Wall mount	368.15

Spares available



HRONH.HC

Hose Reels - Ecodora - Made In Italy

- Previously known as the **ALFA brand** we have been supplying these for 14 yrs.
- Designed & manufactured in Italy.
- Self retracting, steel construction, powder coated finish.
- **Includes extra mounting bracket for easier installation.**
- **Bare Reel with no hose fitted is ATEX certified.**
- Takes up to 14m x 1" hose or 20m x 3/4" hose.
- See page 32 for ultra high capacity reel.

Stk Code	Description	ATEX	Max Pressure	List £
HRONH.HC	Bare reel - no hose fitted with 1" BSPP inlet	Yes	300psi (20 bar)	734.85



HRO20.19H

Hose Assemblies For Hose Reels - Continental

- Special hard wearing, **Continental hose assembly statically bonded.**
- Quality long life hose assemblies. Machine swaged ends. **Textile braided.**
- One end swivelling female the other fixed male, both BSP parallel.

Stk Code	Description	Hose Length	Ends	Max Pressure	List £
HRO8.19H	Hose assembly only	8m	3/4" F BSPP swivel / 3/4" M BSPP	90psi (6 bar)	144.45
HRO20.19H	Hose assembly only	20m	3/4" F BSPP swivel / 3/4" M BSPP	90psi (6 bar)	332.03
HRO60.19H	Inlet hose assembly only	600mm	3/4" F BSPP swivel / 3/4" M BSPP	90psi (6 bar)	46.72
HRO8.25H	Hose assembly only	8m	1" F BSPP swivel / 1" M BSPP	90psi (6 bar)	253.49
HRO10.25H	Hose assembly only	10m	1" F BSPP swivel / 1" M BSPP	90psi (6 bar)	316.83
HRO14.25H	Hose assembly only	14m	1" F BSPP swivel / 1" M BSPP	90psi (6 bar)	415.62
HRO60.25H	Inlet hose assembly only	600mm	1" F BSPP swivel / 1" M BSPP	90psi (6 bar)	74.55



HRO20.19

Hose Reels - Ecodora - 3/4"

- Suitable with diesel or biodiesel up to B30.
- Hose reel designed & manufactured in Italy. Hose added by Hytek.
- Fitted with special hard wearing, **Continental hose assembly**, includes 600mm inlet hose male fixed - swivel female/male ends.
- Can be used with pumps up to 70L/min (20% flow restriction).
- **Includes extra mounting bracket for easier installation.**
- See page 32 for ultra high capacity reel.

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRO8.19	Hose reel with 8m x 3/4" hose	8m	3/4" M BSPP	600mm	90psi (6 bar)	874.58
HRO20.19	Hose reel with 20m x 3/4" hose	20m	3/4" M BSPP	600mm	90psi (6 bar)	1056.05



HRO14.25

Hose Reels - Ecodora - 1"

- Suitable with diesel or biodiesel up to B30. See pg 32 for ultra high capacity reel.
- Hose reel designed & manufactured in Italy. Hose added by Hytek.
- Fitted with special hard wearing, **Continental hose assembly**, includes 600mm inlet hose male fixed - swivel female/male ends.
- Can be used with pumps up to 90L/min (20% flow restriction).
- **Includes extra mounting bracket for easier installation.**

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRO8.25	Hose reel with 8m x 1" hose	8m	1" M BSPP	600mm	90psi (6 bar)	980.03
HRO10.25	Hose reel with 10m x 1" hose	10m	1" M BSPP	600mm	90psi (6 bar)	1041.34
HRO14.25	Hose reel with 14m x 1" hose	14m	1" M BSPP	600mm	90psi (6 bar)	1136.68

Hose Reels - Hytek Engineered

HYTEK
Engineered Product

Spares available

DIESEL

- We have built up knowledge of what is required for robust fuel reels & for a complementary fuel hose. Designed for use in the transport sector.
- Self retracting, steel construction, powder coated finish.
- The hose drum has stiffening ribs & flanged ends for longer life.
- **Now optional:** Wall fixed/swivel mount bracket, HE1 reels require HROHE1BRK, HE2 reels require HROHE2BRK.



HRONH.HE1

HRONH.HCHE2

Hose Reel Bare Reel 3/4" or 1" – HE1 & HE2 Series

HE1 takes 8m x 1" / 12m x 3/4" hose, HE2 takes 15m x 1" / 20m x 3/4" hose.

Stk Code	Description	Max Pressure	List £
HRONH.HE1	Bare reel - no hose fitted with 1" BSPP inlet, takes 12m x 3/4" or 8m x 1" hose	300psi (20 bar)	581.66
HRONH.HCHE2	Bare reel - no hose fitted with 1" BSPP inlet, takes 20m x 3/4" or 15m x 1" hose	300psi (20 bar)	647.20

Hose Assemblies For Hose Reels - EN1360

HYTEK
Engineered Product

DIESEL

- These are from the same factory as the steel braided hoses as on page 28.
- **Tested & approved to EN1360. Statically bonded. Textile braided.**
- Quality long life hose assemblies. Chrome plated machine swaged ends.
- One end swivelling female the other fixed male, both BSP parallel.



HRO20.19TBH

Stk Code	Description	Hose Length	Ends	Max Pressure	List £
HRO8.19TBH	Hose assembly only	8m	3/4" F BSPP swivel / 3/4" M BSPP	232psi (16 bar)	116.65
HRO20.19TBH	Hose assembly only	20m	3/4" F BSPP swivel / 3/4" M BSPP	232psi (16 bar)	271.51
HRO2.19TBH	Inlet hose assembly only	2m	3/4" F BSPP swivel / 3/4" M BSPP	232psi (16 bar)	38.17
HRO8.25TBH	Hose assembly only	8m	1" F BSPP swivel / 1" M BSPP	232psi (16 bar)	210.22
HRO10.25TBH	Hose assembly only	10m	1" F BSPP swivel / 1" M BSPP	232psi (16 bar)	255.28
HRO14.25TBH	Hose assembly only	14m	1" F BSPP swivel / 1" M BSPP	232psi (16 bar)	347.88
HRO2.25TBH	Inlet hose assembly only	2m	1" F BSPP swivel / 1" M BSPP	232psi (16 bar)	58.41

Hose Reels - Hytek Engineered - 3/4" & 1"

HYTEK
Engineered Product

DIESEL

- Suitable with diesel or biodiesel up to B30. Designed & manufactured for Hytek.
- Fitted with EN1360 textile braided hard wearing hose assemblies, includes 2m inlet hose male fixed – swivel female/male ends.
- 3/4" versions can be used with pumps up to 70L/min (20% flow restriction).
- 1" versions can be used with pumps up to 90L/min (20% flow restriction).
- **Now optional:** Wall fixed/swivel mount bracket, HE1 reels require HROHE1BRK, HE2 reels require HROHE2BRK.
- **NEW** stainless steel hose reel options available see page 32.



HRO8.25HE1

HROHE1BRK

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRO8.19HE1	Hose reel with 8m x 3/4" hose	8m	3/4" M BSPP	2m	232psi (16 bar)	668.95
HRO20.19HE2	Hose reel with 20m x 3/4" hose	20m	3/4" M BSPP	2m	232psi (16 bar)	823.03
HRO8.25HE1	Hose reel with 8m x 1" hose	8m	1" M BSPP	2m	232psi (16 bar)	723.75
HRO10.25HE2	Hose reel with 10m x 1" hose	10m	1" M BSPP	2m	232psi (16 bar)	947.20
HRO14.25HE2	Hose reel with 14m x 1" hose	14m	1" M BSPP	2m	232psi (16 bar)	1033.20
HROHE1BRK	Wall fixed & swivel mount bracket HE1 series	-	-	-	-	70.70
HROHE2BRK	Wall fixed & swivel mount bracket HE2 series	-	-	-	-	82.86



Hose Reels - Ecodora - Ultra High Capacity

- Suitable with diesel or biodiesel up to B30.
- Designed & manufactured in Italy.
- Self retracting. Steel construction, powder coated finish.
- Can be used with pumps up to 90L/min (20% flow restriction).
- Bare reel takes up to 40m x ¾" hose or 30m x 1" hose.
- HRO20.25 reel with 20m x 1" Continental hose assembly, hose added by Hytek.

Stk Code	Description	ATEX	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRONH.UHC	Bare reel 1" F BSPP inlet	Yes	-	-	-	145psi (10 bar)	1070.28
HRO20.25	Hose reel with 20m x 1" hose	No	20m	1" M BSPP	600mm	90psi (6 bar)	1270.92



Stainless Steel Hose Reels - Hytek Engineered

- Suitable with diesel or biodiesel up to B100. 304 stainless construction.
- Self retracting. For use in harsh or clean environments.
- The hose drum has stiffening ribs & flange edges for longevity.
- Can be used with pumps up to 90L/min (20% flow restriction).
- **Bare Reel** (HRONH.SSE1) takes 8m x 1" or 12m x ¾" hose.
- **Version for AdBlue®** (HROS10.16HE1). Version for diesel (HROS8.25HE1).
- **Optional:** Wall fixed/swivel mount bracket (HROSS.HE1BRK).

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	Seal	List £
HRONH.SSE1	Bare reel 1" F BSPP inlet	-	-	-	300psi (20 bar)	Viton	748.19
HROSSHE1BRK	Wall fixed & swivel mounting bracket	-	-	-	-	-	99.97
HROS10.16HE1	Reel for AdBlue® with 10m x 5/8" x 1" hose	10m	1" F BSPP	2m	90psi (6 bar)	Viton	997.47
HROS8.25HE1	Reel for Diesel with 8m x 1" hose	8m	1" M BSPP	2m	232psi (16 bar)	Viton	1024.71



Stainless Steel Hose Reels - 544 Series

- Suitable with diesel or biodiesel up to B100. 304 stainless construction.
- **Bare reel with no hose fitted is ATEX certified** (HRONH.SSHC).
- Self retracting. For use in harsh or clean environments.
- Can be used with pumps up to 90L/min (20% flow restriction).
- Bare reel takes up to 14m x 1" hose or 20m x ¾" hose.
- **Version for AdBlue® available with hose fitted** (HROS10.16AB).
- **Includes extra mounting bracket for easier installation.**

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRONH.SSHC	Bare reel 1" F BSPP inlet	-	-	-	1450psi (100 bar)	915.38
HROS14.25	Hose reel with 14m x 1" hose (continental hose)	14m	1" M BSPP	600mm	90psi (6 bar)	1230.46
HROS10.16.AB	Reel for AdBlue® with 10m x 5/8" x 1" hose	10m	1" F BSPP	1m	90psi (6 bar)	1298.26



Hose Reel For AdBlue®

- Specially designed for AdBlue®.
- Self retracting.
- Can be used with pumps up to 50L/min (20% flow restriction).
- Reel inlet ¾" hose tail.

Stk Code	Description	Hose Length	Max Pressure	List £
HRO8.19AB	Hose reel with 8m x ¾" hose, no ends	8m	145psi (10 bar)	496.07

Plastic Cased Air/Water Reel

HYTEK
Engineered Product



- Ideal for use with air tools & for water dispensing.
- Spring rewind. High impact polypropylene construction.
- Fully adjustable hose stop.
- Integral wall mounting swivel bracket.
- Max temperature 60°C.



HREAW15.10P

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HREAW15.10P	Air/water reel	15m	3/8" M BSPT	900mm	290psi (20 bar)	113.65

Cased & Open Reel Air/Water - 2950/870 Series

HYTEK
Engineered Product



- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- Mounting kit for wall, ceiling, bench or floor mount.
(fixed & wall mount swivel bracket supplied as standard).
- **Choose** cased or open reel.
- **Spare hose assembly available.**



HREAW15.10C

HROAW15.10C

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HREAW15.10C	Cased reel, fixed & swivel bracket (2950)	15m	3/8" M BSPT	1000mm	290psi (20 bar)	325.28
HROAW15.10C	Open reel, fixed & swivel bracket (870)	15m	3/8" M BSPT	1000mm	290psi (20 bar)	311.46
HRO15.10H	Spare hose assembly only	15m	3/8" M BSPT	-	290psi (20 bar)	30.61

Cased Reel Oil - 2950 Series

HYTEK
Engineered Product



- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- Mounting kit for wall, ceiling, bench or floor mount.
(fixed & wall mount swivel bracket supplied as standard).
- **Spare hose assembly available.**



HRE15.12C

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRE15.12C	Oil reel, fixed & swivel bracket	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	402.86
HRO15.12H	Spare hose assembly only	15m	1/2" M BSPT	-	2000psi (138 bar)	57.75

Open Reel Oil - 870/820 Series

HYTEK
Engineered Product



- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- HRO15.12F: Fixed mounting plate (870 series).
- HRO15.12C: Fixed & wall mount swivel bracket supplied (820 series).
- **Spare hose assembly available.**



HRO15.12C

HRO15.12F

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRO15.12F	Oil reel, fixed	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	351.54
HRO15.12C	Oil reel, fixed & swivel bracket	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	357.58
HRO15.12H	Spare hose assembly only	15m	1/2" M BSPT	-	2000psi (138 bar)	57.75

NEW PRODUCTS

NEW
PRODUCT



NOZA.XM

HYTEK
Engineered Product

DIESEL



Professional Automatic Nozzle - 1" Male Swivel

- **NEW** as per our standard speed professional automatic nozzles on page 12, however fitted with a 1" male inlet swivel.
- Often used in Europe & other International markets where 1" female ended hoses are more commonly.

See page 12 for the full range.

Stk Code	Description	ATEX	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.XM	80L/min (male swivel)	Yes	1" M BSPP swivel	10 -80L/min	58psi (4 bar)	25mm	142.72

NEW
PRODUCT



NOZA.SSM NOZA.SS.SM NOZA.SS.ABM

HYTEK
Engineered Product

ADBLUE®
DEF

WATER

Stainless Auto Nozzle AdBlue® Misfill Spout/Adaptor

- **NEW** same options available as per our existing NOZA.SS range on page 13 however these have a magnetic misfilling spout & are supplied with a vehicle tank adaptor. This system prevents the misfilling of AdBlue® into vehicles diesel tanks when the vehicles AdBlue® tank is fitted with this vehicle tank adaptor.

See page 13 for other options.

Stk Code	Description	Inlet	Flow Rate	Max Pressure	Spout OD	List £
NOZA.SSM	3/4" F nozzle & adapt	3/4" F BSPP fixed	15 - 60L/min	50psi (3.5 bar)	19mm	295.48
NOZA.SS.SM	3/4" swivelling hose tail nozzle & adapt	3/4" hose tail swiv	15 - 60L/min	50psi (3.5 bar)	19mm	306.86
NOZA.SS.ABM	1" M swivelling nozzle & adapt	1" M BSPP swiv	15 - 60L/min	50psi (3.5 bar)	19mm	321.89

NEW
PRODUCT

ADBLUE®
DEF

HYTEK
Engineered Product

B100

DIESEL

Stainless Steel Hose Reels - Hytek Engineered



HROS10.16HE1

HRONH.SSHE1

- Suitable with diesel or biodiesel up to B100. 304 stainless construction.
- Self retracting. For use in harsh or clean environments.
- The hose drum has stiffening ribs & flange edges for longevity.
- Can be used with pumps up to 90L/min (20% flow restriction).
- **Bare Reel** (HRONH.SSHE1) takes 8m x 1" or 12m x 3/4" hose.
- **Version for AdBlue®** (HROS10.16HE1). Version for diesel (HROS8.25HE1).
- **Optional:** Wall fixed/swivel mount bracket (HROSS.HE1BRK).

See page 32 for other options.

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	Seal	List £
HRONH.SSHE1	Bare reel 1" F BSPP inlet	-	-	-	300psi (20 bar)	Viton	748.19
HROSSHE1BRK	Wall fixed & swivel mounting bracket	-	-	-	-	-	99.97
HROS10.16HE1	Reel for AdBlue® with 10m x 5/8" x 1" hose	10m	1" F BSPP	2m	90psi (6 bar)	Viton	997.47
HROS8.25HE1	Reel for Diesel with 8m x 1" hose	8m	1" M BSPP	2m	232psi (16 bar)	Viton	1024.71

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Liquid Extraction Vacuum Pumps

36



Syphon Pumps

36



Lift Pumps

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Piston Pumps

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Lever Pumps

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AdBlue® Pumps

38 - 40



Stainless Steel Rotary Hand Pumps

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Rotary Hand Pumps

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Semi Rotary Hand Pumps

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Diaphragm Pumps

42 - 43



NEW PRODUCTS

44





Liquid Extraction Vacuum Pump Manual



- Novel device that both sucks & stores extracted liquids.
- Suitable with fuels, water, oils & many other liquids (not suitable with petrol).
- Wetted materials: Polypropylene, nitrile, nylon & aluminium.
- Removes:
 - Oil from vehicles, lawn mowers, motorbikes, hydraulic reservoirs without draining, simply insert the suction pipes in the dipstick hole.
 - Water from bunded fuel tank cabinets, fish tanks, bilges & otherwise inaccessible areas.
 - Fuel spillages from bunded tanks/fill point cabinets.
- Can even suck up surface puddles.
- Prime the handle & watch it work.
- Supplied with suction probes to fit most applications.
- Lightweight & portable. 17 litre version has castors.
- When full, remove top plug to pour out the contents.
- **Choose from the following:**



HP.SUC6

HP.SUC17 HP.SUC2

- HP.SUC2 - 2.7 litre capacity
Master carton box quantity 6.
- HP.SUC6 - 6 litre capacity (**Sucks up 6 litres in 2½ mins**).
With integral tubes/pipes holder.
Master carton box quantity 6.
- HP.SUC17 - 17 litre capacity
With integral tubes/pipes holder.
Master carton box quantity 1.

Stk Code	Description	Capacity	List £
HP.SUC2	Liquid extraction 2.7 litre pump	2.7 litres	42.98
HP.SUC6	Liquid extraction 6 litre pump	6 litres	69.11
HP.SUC17	Liquid extraction 17 litre pump	17 litres	150.29
HP.SUC2.TUBE	Spare tubes/pipes set HP.SUC2	-	9.34
HP.SUC.TUBE	Spare tubes/pipes set HP.SUC6/HP.SUC17	-	12.97



Syphon Pumps



HPSB



HPS205



HPS25

- Suitable with pumping most liquids: acids, alkalines, antifreeze, de-greaser, distilled water, diesel, biodiesel B100, light oils & solvents.
- Includes delivery hose & suction pipe.
- HPS25, fits 5 - 25L containers. Master carton box quantity 100.
- HPS205, fits 205L container. Master carton box quantity 30.
- **For quantities of 100+ please contact us for a quotation.**

Battery Operated Syphon Pump (HPSB)

- Suitable with water, diesel, light oils & mild/non corrosive chemicals.
- Unique battery operated pump (2 x D size) not supplied.
- Total length 675mm.

Stk Code	Description	Flow Rate	Suction	Delivery	Mounting	List £
HPS25	Syphon pump 5 - 25L containers	5L/min	380mm pipe	534mm hose	-	3.30
HPS205	Syphon pump 205L drums	30L/min	850mm pipe	1295mm hose	2" M BSPP	12.73
HPSB	Battery syphon pump	4 - 7L/min	675mm pipe	660mm hose	-	13.77

Lift Hand Pump - Polypropylene

- Suitable with diesel or oils to SAE 90.
- Lift pump manufactured from polypropylene with viton seals.
- Fits 20 - 25L & 205L containers.
- Outlet options: spout, 19mm hose tail or 3/4" M BSPP.
- Supplied with two adaptors:
One fits most 25L external Plysu (60mm diameter).
The other fits most 25L Trisure/Valorex thread (56mm diameter).
- Also fits 205L drums with a 2" M BSPP internal thread.
- **Option:** universal adaptor, locks onto any external thread (AD.UNI).



Stk Code	Description	Flow Rate	Suction	List £
HPLP	Polypropylene lift pump kit	250ml per stroke	480mm - 1m (2 piece) pipe	34.11
AD.UNI	Universal adaptor	-	-	11.21

Lift Hand Pump - Gear Oil

- Suitable with high viscosity oils, ideal for filling gear boxes.
- Polypropylene pump, mild steel piston & nitrile seals.
- Has a 1.5m outlet hose with spout.
- Spout can be drained by locating back into pump body.
- Telescopic suction pipe.
- Fits most 25L external Plysu threads (60mm diameter).
- Also fits most 25L Trisure/Valorex thread (56mm diameter).
- **Option:** universal adaptor, locks onto any external thread that is less than 61mm dia (AD.UNI).



Stk Code	Description	Flow Rate	Suction	Delivery	List £
HPGO	Gear oil lift pump kit	100ml per stroke	300 - 500mm pipe	1.5m hose	40.21
AD.UNI	Universal adaptor	-	-	-	11.21

Piston Hand Pump - High Capacity

- Suitable with diesel, biodiesel up to B30, light oils & petrol.
- Can be padlocked.
- Lightweight aluminium body with stainless liner. ATEX certified.
- Teflon shaft packing/nitrile seals.
- Double acting piston pumps on both strokes.
- Kit version** - comprises of pump, telescopic suction pipe, outlet hose & spout (HP152).
- **2 year warranty.**



Stk Code	Description	ATEX	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting	List £
HP150	Piston hand pump only	Yes	75L/min	-	-	1" / 3/4" F BSPT	2" M BSPT	172.84
HP152	Piston hand pump kit	Yes	75L/min	500 - 900mm pipe	2.4m hose	1" / 3/4" F BSPT	2" M BSPT	217.97



HYTEK
Engineered Product

DIESEL
OIL

Lever Hand Pump

- Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- Metal lever action drum pump.
- Telescopic suction pipe.
- Available singularly or in multiples of 10.
- **Ideal for trade counters, packed in a coloured display box.**
- For large quantities please contact us for a quotation.

LEVER.S

Stk Code	Description	Flow Rate	Suction	Mounting	List £
LEVER.S	Lever pump kit	20L/min	450 - 900mm pipe	2" M BSPP	18.62



HYTEK
Engineered Product

ADBLUE® DEF
ANTIFREEZE
OTHER FLUIDS

Lever Hand Pump Kit - AdBlue®

- Suitable with AdBlue® & other water based fluids, antifreeze, windscreen washer fluid, **herbicide, pesticides, insecticides & fertilizers.**
- Wetted components: polyacetal, polypropylene, polyethylene, viton.
- Complete dispensing kit includes trisure/valorex adaptor.
- Suction pipe with one part telescopic.
- **2m outlet hose (flexible corrugated PVC hose).**
- Temperature range -5°C (23°F) to 45°C (115°F).
- Can fit onto the top of an IBC using a CDS connector (CDS.CON) see page 66.

AB.HPPKA

Stk Code	Description	Flow Rate	Suction	Mounting	List £
AB.HPPKA	Complete kit	500ml per stroke	350 - 980mm (2 piece) pipe	2" M BSPP & Trisure/valorex adaptor	46.46




ADBLUE® DEF

Lever Hand Pump - AdBlue®

- Suitable with AdBlue®. Lever action. Self-priming.
- Anti drip spout.
- Telescopic suction pipe.
- Options: (AB.HPHK) 2m outlet hose, clip & outlet adaptor.
(AB.HPHK4) 4m outlet hose, clip & outlet adaptor.
(AD.HPGO) Trisure/valorex container adaptor.
(ABH3.3/4M) Outlet hose per mtr (required when filling combines or other vehicles with high tanks).
- **For more information on AdBlue® see page 113.**

AD.HPGO

AB.HPHK

Stk Code	Description	Flow Rate	Suction	Mounting	List £
AB.HP	Pump only	330ml per stroke	520 - 900mm pipe	2" M BSPP	51.85
AB.HPHK	Outlet hose kit 2m	-	-	-	20.72
AB.HPHK4	Outlet hose kit 4m	-	-	-	29.79
AD.HPGO	Trisure/valorex M thread, F BSPP/F adaptor	-	-	-	5.21
ABH3.3/4	Outlet hose p/mtr	-	-	-	4.97

Lever IBC Hand Pump Kit - AdBlue®

- Intermediate bulk container (IBC) side mounted, easy to use pump kit.
- Suitable with AdBlue®.
- **4m delivery hose supplied as standard.**
- Manual nozzle with stainless steel tip for AdBlue®.
- Flexible suction hose with CDS connector.
- **See page 40 for our rotary version** (MSS.AB).

HYTEK
Engineered Product



AB.HPIK

Stk Code	Description	Flow Rate	Suction	Delivery	List £
AB.HPIK	Lever pump IBC kit for AdBlue®	20L/min	1.5m hose	4m hose	207.69

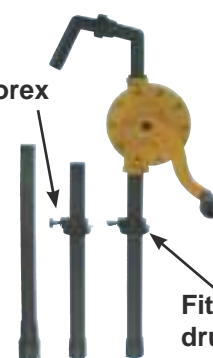
Rotary Hand Pump - Polypropylene

- Suitable with diesel, biodiesel up to B100 or oils to SAE 90, water based solutions of acids, alkalis & salts, antifreeze, AdBlue®, detergents, glycerine & some chemicals (check compatibility).
- **DO NOT USE** with acetone, lacquer, mineral oils, solvents, turpentine etc.
- Polypropylene construction, stainless steel, viton, ryton parts.
- 3 piece suction pipe & strainer. Drum adaptors for use on metal & plastic drums.
- Available singularly or in multiples of 10.

PROLUBE



Fits Trisure/Valorex containers



Fits 205L drums

MSSP

Stk Code	Description	Flow Rate	Suction	Mounting	List £
MSSP	Rotary pump kit polypropylene	25L/min	400mm - 1m (3 piece) pipe	2" M BSPP or Trisure/Valorex	81.28

Rotary Hand Pump - PVC

- Suitable with most chemicals & acid based products (check compatibility).
- PVC construction with PTFE vanes & Hastelloy springs.
- Available singularly or in multiples of 6.



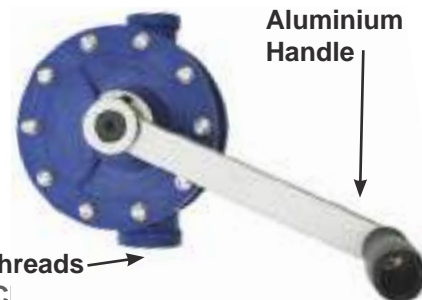
MSSPVC

Stk Code	Description	Flow Rate	Suction	Mounting	List £
MSSPVC	Rotary pump kit PVC	25L/min	400mm - 1m (3 piece) pipe	2" M BSPP	68.72

Rotary Hand Pump - Chemicals

- Suitable with many liquids including: Esters - ethyl acetate. Alcohols - butyl alcohol, methyl alcohol, ethyl alcohol, benzyl alcohol. Ketones - acetone, MEK. Bases - ammonium hydroxide, potassium hydroxide, sodium hydroxide, baking soda. **DO NOT USE** with benzoic acid, petrol, lacquers, thinners, bleach, toluene, xylene, turpentine oil, benzene.
- Wetted parts: Polypropylene body, Ryton rotor/vanes, PTFE seal 304.
- **Robust aluminium handle.**

PROLUBE



BSP Threads
MSSC

Stk Code	Description	Inlet/Outlet	List £
MSSCB	Rotary pump only BSPP threads	3/4" F BSPP	71.85

Heavy duty pump c/w aluminium handle



HYTEK
Engineered Product

ADBLUE®
DEF



MSS.AB

Rotary IBC Hand Pump Kit - AdBlue®

- Intermediate bulk container (IBC) side mounted, easy to use pump kit.
- Suitable with AdBlue®.
- Heavy duty aluminium handle.
- **4m delivery hose supplied as standard.**
- Manual nozzle with stainless steel tip.
- Flexible suction hose with CDS connector.
- **For more information on AdBlue® see page 113.**

Stk Code	Description	Flow Rate	Suction	Delivery	List £
MSS.AB	Rotary pump IBC kit for AdBlue®	25L/min	1.5m hose	4m hose	263.57



HYTEK
Engineered Product

ADBLUE®
DEF

MSSPA

Rotary Hand Pump - Stainless Steel - AdBlue®

- Suitable with AdBlue®. Piusi full rotary action pump.
- Self-priming. Smooth operation from rolling grip handle.
- Grooved locking system on pump stops the adaptor spinning on the drum.
- Pump only (F00332A00).
- **Hytek Engineered Kit (MSSPA) includes:**
4m delivery hose, manual nozzle with latch & 3 part suction tube.

Stk Code	Description	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting	List £
F00332A00	Rotary pump only for AdBlue®	27L/min	3 part down tube	19mm tail	1" M BSPP	Trisure/Valorex	132.49
MSSPA	Rotary pump kit for AdBlue®	27L/min	3 part down tube	4m hose	1" M BSPP	Trisure/Valorex	186.51



HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

OIL

MSS25

Rotary Drum Hand Pump - Cast Iron

- Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- Cast iron rotary action drum pump.
- For large quantities please contact us for a quotation.
- Flow rate 27L/min.
- **2 year warranty.**
- **Only sold in multiples of 4.**

Stk Code	Description	Flow Rate	Suction	Mounting	List £
MSS25	Rotary pump kit	27L/min	320mm - 1m (3 piece) pipe	2" M BSPP	26.98



HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

OIL

MSS21

Rotary Drum Hand Pump - Cast Iron

- Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- Compact version cast iron rotary action drum pump.
- Available singularly or in multiples of 4.
- For large quantities please contact us for a quotation.
- Flow rate 27L/min.
- **Ideal for trade counters. Packed in a coloured display box.**
- **2 year warranty.**

Stk Code	Description	Flow Rate	Suction	Mounting	List £
MSS21	Rotary pump kit	27L/min	320mm - 1m (3 piece) pipe	2" M BSPP	28.06

Rotary Hand Pump - Stainless Steel - Diesel

- Suitable with diesel or oils to SAE 30. Piusi full rotary action pump.
- Self-priming. Smooth operation from rolling grip handle.
- Grooved locking system on pump stops the adaptor spinning on the drum.
- Pump only (F00332500) has a cranked spout useful for dispensing into jugs.
- **Hytek Engineered Kit (MSSPD)** includes:
4m delivery hose, manual nozzle with latch & 3 part suction tube.



Stk Code	Description	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting	List £
F00332500	Rotary pump only	27L/min	3 part down tube	Spout/19mm Tail	1" M BSPP	2" BSP	113.90
MSSPD	Rotary pump kit	27L/min	3 part down tube	4m hose	1" M BSPP	2" BSP	152.21

Rotary Hand Pump - Heavy Duty

- Suitable with diesel or biodiesel up to B30, light oils & petrol.
- Precision aluminium body with cast iron rotor & vanes.
- Padlock facility prevents unauthorised use.
- Fully serviceable & all spares available.
- ATEX certified.
- **Kit version**
- Comprises of pump, telescopic suction pipe, outlet hose & spout (HP112).
- **2 year warranty.**



Stk Code	Description	ATEX	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting	List £
HP110	Rotary hand pump only	Yes	35L/min	-	-	1" / 3/4" F BSPT	2" M BSPT	199.98
HP112	Rotary hand pump kit	Yes	35L/min	500 - 900mm pipe	2.5m hose	1" / 3/4" F BSPT	2" M BSPT	229.79

Rotary Hand Pump - Ryton

- Suitable with liquid foodstuffs, juice, milk, wine, cooking oils, water, vinegar & liquid additives.
- Ryton, 304 stainless steel & Teflon.
- Rotary action drum pump.
- 3 piece suction pipe.
- Drum adaptor.



Stk Code	Description	Flow Rate	Suction	Mounting	List £
MSSRS	Rotary pump kit - Ryton	25L/min	1m (3 piece) pipe	2" M BSPP	211.68

Rotary Hand Pump - High Speed

- Suitable with petrol, diesel & oils up to SAE 30.
- Geared rotary pump, 3 times discharge per rotation, for every complete handle turn the rotor turns 3 times (3:1 ratio pump).
- Wetted components are aluminium, zinc, steel, NBR, PVC & nitrile.
- Empties a 205 drum in 3 minutes.
- Suits 50 - 205L drums.
- Delivery hose with outlet spout & built in spout hanger.



Stk Code	Description	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting	List £
HPRH	High speed rotary pump kit	70L/min	320mm - 1m (3 piece) pipe	1.8m hose	1" / 3/4" F BSPP	2" M BSPP	161.86



Semi Rotary Hand Pumps - K Series

- Suitable with diesel, light oils & water.
- Semi rotary, double acting.
- Cast iron body with brass internals.
- Flanged inline threaded ports.
- **Choose:**
 - 1/2" K0 version
 - 3/4" K1 version
 - 1" K2 version
- **Note:** never mount horizontally.
- **2 year warranty.**

Stk Code	Description	Flow Rate	Inlet/Outlet	Lift/Head	Weight	Box Qty	List £
SRG0A	1/2" BSP (K0)	11L/min	1/2" F BSPP	7m / 25m	6 kg	30	52.47
SRG1A	3/4" BSP (K1)	17L/min	3/4" F BSPP	7m / 25m	7 kg	25	64.21
SRG2A	1" BSP (K2)	22L/min	1" F BSPP	7m / 25m	9 kg	15	80.37



1" Semi Rotary Hand Pump Kit

This kit directly fits into a 2" socket, for use on 205L drums & tanks up to 1.5m deep. Suitable with diesel & light oils.

- **Comprises:**
 - Semi rotary hand pump
 - Outlet hose
 - Tank/pump connector
 - Manual nozzle
 - Nozzle holster
 - Suction hose & foot valve

Stk Code	Description	Suction	Delivery	Mounting	List £
SRG2A.KIT	1" BSP (K2) hand pump kit	1.5m hose	4m hose	2" M BSPT	227.41



Diaphragm Hand Pump

- Designed as a bilge pump for surface mounting on the deck/bulkhead.
- Body & ports can be positioned 96 different ways.
- Suitable with clean or dirty diesel, water & oils to SAE 90.
- Pumps dirty & contaminated liquids with solids up to 12.5mm (with 1" hose tails) or 18mm (with 1 1/2" hose tails).
- Polypropylene body with nitrile diaphragms. Stainless steel fastenings.
- Stainless steel removable handle.
- Dimensions 210mm H (incl. handle 380mm) x 176mm W x 120mm D.

Stk Code	Description	Flow Rate	Inlet/Outlet	Lift/Head	List £
HP80	Diaphragm pump only 80L/min	80L/min	1" or 1 1/2" hose tails	6m / 4.5m	47.73



Diaphragm Hand Pump - Urchin

- Suitable with clean or dirty: diesel, water & oils to SAE 90.
- Pumps dirty & contaminated liquids with up to 10mm solids.
- Ideal for pumping from generator sets.
- Made from glass filled polypropylene c/w nitrile seals.
- Hose tails accept both 1" & 1 1/2" hoses.
- Repair kit available which includes diaphragms.

Stk Code	Description	Flow Rate	Inlet/Outlet	List £
HPW	Diaphragm pump only 47 - 68L/min	47L/min (1") or 68L/min (1 1/2")	1" or 1 1/2" hose tail	70.81
HPW.RKIT	Repair kit	-	-	31.76

Diaphragm Hand Pump - Double Diaphragm



- This double diaphragm hand pump with removable handle & cranked rocker arm makes it an ideal choice for bowser/tank manufacturers.
- Suitable with clean or dirty diesel, water & oils to SAE 90.
- Pumps dirty & contaminated liquids up to 18mm solids.
- Lightweight cast aluminium body with high nitrile diaphragms.
- Self-priming.
- Dimensions 240mm (Incl handle 600mm) H x 156mm D x 200mm W.
- **Please note:** suction hose must be reinforced (SH25.HN).



HP70C

Pumps 18mm solids

Stk Code	Description	Flow Rate	Inlet/Outlet	Lift/Head	List £
HP70C	Diaphragm pump only 70L/min	70L/min	1" hose tails	6m / 4.5m	197.48
SH25.HN	Suction hose (per m) 1"	-	-	-	10.29

Diaphragm Hand Pump - High Capacity



- Suitable with diesel, biodiesel up to B30 or water.
- Cast aluminium body with nitrile diaphragms.
- **Viton diaphragms also available for petrol.** (2 required).
- Pumps dirty & contaminated liquids with up to 10mm solids.
- Supplied with foot plate & removable operating handle.
- Suction & delivery hose available (GHM150).
- Suction strainer.
- Self-priming.
- **Spares available on request.**



HP120

Pumps 10mm solids

Stk Code	Description	Flow Rate	Inlet/Outlet	Lift/Head	List £
HP120	Diaphragm hand pump & accessories	120L/min	1½" hose tail	4m / 6m	371.39
GHM150	1½" bore suction & delivery hose, per metre	-	-	-	8.75
WD32/AZ	Hose worm drive clamp (32-50mm)	-	-	-	0.79

NEW
PRODUCT



HP100K














Lever/Piston Hand Pump Dual Flow - GPI HP100

- Suitable with diesel, biodiesel up to B20, light oils, Kerosene, Petrol & Ethanol to E15.
- Handle can be locked for security.
- Lightweight aluminium body with stainless steel liner. Nitrile seals.
- Dual flow, adjust the handle to low resistance 55L/min or high resistance 110L/min.
- **Kit version** - comprises of pump, telescopic suction pipe, outlet hose & spout (HP100K).

Stk Code	Description	Flow rate	Suction	Delivery	Inlet/Outlet	Mounting	List
HP100	Lever/piston hand pump only	55 – 110L/min	-	-	1" NPT F 3/4" F BSPT	2" M BSPT	231.18
HP100K	Lever/piston hand pump kit	55 – 110L/min	550 – 1000mm pipe	2.4m hose	1" NPT F 3/4" F BSPT	2" M BSPT	279.99

Notes

Air Operated Oil Pumps & Accessories	46 - 50	
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Optional:
suction pipe



AOP.1C

HYTEK
Engineered Product

2 YEARS
WARRANTY
OIL

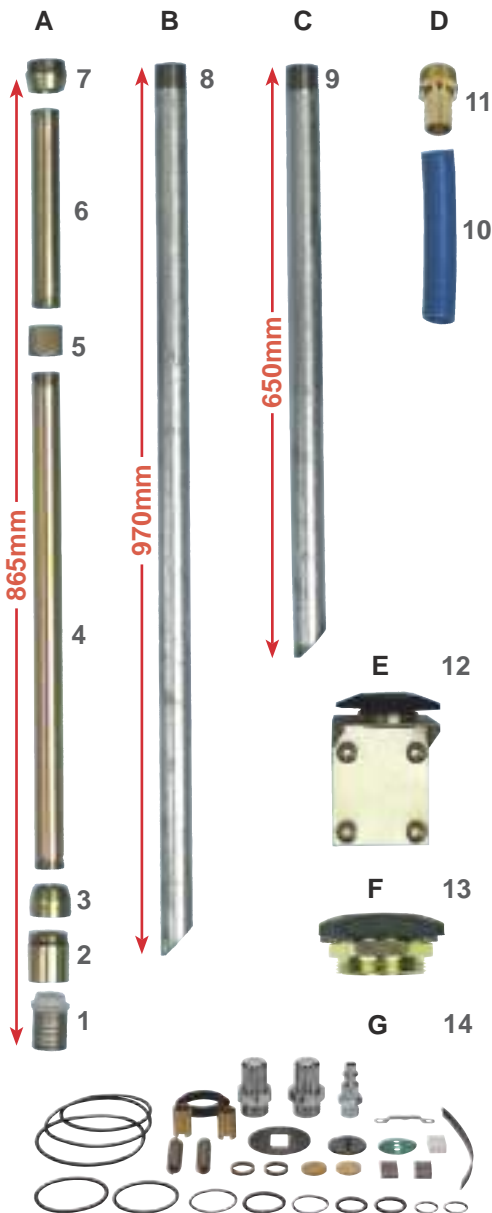
Air Operated Oil Pumps

- Supplied with a 2 years parts warranty.
- Our lubrication products are robust/reliable & are trouble free.
- AOP.1C suitable with waste oil (up to SAE 120).
AOP.3C suitable with medium/high viscosity oils (up to SAE 180).
AOP.5C suitable with high density oils, or for where long pipe runs & hose reels are in the line (up to SAE 240).
- Stubby pump, comes with a 2" M BSPP drum/tank adaptor.
- Regulate air inlet pressure 70 - 115psi (5 - 8 bar). Max pressure 115psi (8 bar).
- **Ready made kits available see page 48 - 49.**
- **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).

Stk Code	Description	Ratio	Flow Rate	Inlet	Outlet	Air Inlet	Max Air Consumption	List £
AOP.1C	Oil pump	1:1	18L/min	1" F BSPP	½" M BSPP	¼" F BSPP	8 bar 100L/min	238.52
AOP.3C	Oil pump	3:1	12L/min	1" F BSPP	½" M BSPP	¼" F BSPP	8 bar 110L/min	238.52
AOP.5C	Oil pump	5:1	14L/min	1" F BSPP	½" M BSPP	¼" F BSPP	8 bar 125L/min	256.78
AIR.FRC	Air regulator filter & lubricator	-	-	-	-	-	-	39.75

Air Operated Oil Pump Accessories

- Accessories for air operated oil pumps above.
- Repair kits for above Air Operated Oil Pumps, these kits include:
O-rings, springs, washers, gaskets, slider & silencer.



Stk Code	Description	List £
	A	
1) AOP.FILT	Filter/strainer	2.89
2) AOP.FV	Foot valve	4.91
3) AOP.FC	Foot valve connector	4.69
4) AOP.E500	Suction pipe 500mm	10.83
5) AOP.ES	Suction pipes connector	2.14
6) AOP.E200	Suction pipe 200mm	5.25
7) AOP.TC	Top connector fits onto pump	3.86
	B	
8) AOP.S90	Suction pipe for 4ft tank (1")	27.60
	C	
9) AOP.S60	Suction pipe for 205L drum (1")	24.86
	D	
10) SH25.HN	Suction hose 1" (per metre)	10.29
11) ENDGRV.1	Hose tail fits SH25.HN hose	5.64
	E	
12) AOP.WALLC	Wall mounting bracket	20.89
	F	
13) AOP.BA	Drum/tank adaptor	9.72
	G	
14) AOP.1C.RK	Repair kit for AOP.1C	73.80
AOP.3C.RK	Repair kit for AOP.3C	53.66
AOP.5C.RK	Repair kit for AOP.5C	61.34

Air Operated Oil Pump - Heavy Duty/High Speed



AOP.5HDC

- Faster flow rate than a normal 5:1 ratio oil pump.
- 5:1 ratio, ideal when you have long runs of pipework.
- Suitable with oils up to SAE 240.
- Supplied with a suction pipe for drums/tanks.
- Comes with a 2" M BSPP drum/tank adaptor.
- Regulate air inlet pressure 70 - 115psi (5 - 8 bar).
- Max pressure 115psi (8 bar).
- **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).

Stk Code	Description	Ratio	Flow Rate	Inlet	Outlet	Air Inlet	Max Air Consumption	Suction	List £
AOP.5HDC	Oil pump	5:1	25L/min	1" F BSPP	3/4" M BSPP	1/4" F BSPP	8 bar 180L/min	940mm pipe	322.15
AIR.FRC	Air regulator								39.75

Air Operated Oil Pumps - 600 Series



Optional:
suction pipe

AOP.1B

- Comes with a 12 months parts warranty.
- Suitable with waste oils (SAE 80) & antifreeze.
- Stubby pump comes with a 2" M BSPP drum/tank adaptor.
- Regulate air inlet pressure 70 - 115psi (5 - 8 bar).
- Max pressure 115psi (8bar).
- **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).
- **Option:** Suction pipes see page 46.

Stk Code	Description	Ratio	Flow Rate	Inlet	Outlet	Air Inlet	Max Air Consumption	List £
AOP.1B	For oil/ antifreeze (600 series)	1:1	23L/min	1" F BSPP	1/2" F BSPP	1/4" F BSPP	8 bar 230L/min	339.86
AIR.FRC	Air regulator filter & lubricator	-	-	-	-	-	-	39.75

Air Oil Pump Accessories For Above



AOP.WALL.1

- For air operated oil pumps 600 series above.
- Wall mounting bracket (AOP.WALL1).
- For suction pipes use AOP.S90 or AOP.S60. See page 46.

Stk Code	Description	List £
AOP.WALL.1	Wall mount bracket for AOP.1B (600 series)	11.01



HYTEK
Engineered Product
2 YEARS WARRANTY
OIL

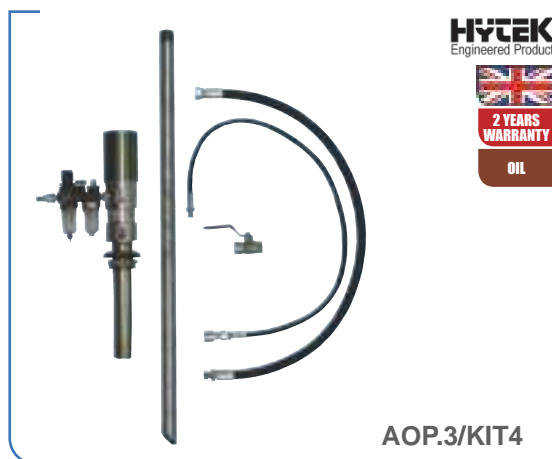
Air Operated Oil Pump Kits For Drums & Tanks

These kits help ease installation, kit contains:

- Air pump with stubby suction (AOP.3C or AOP.5C).
- Suction pipe to suit 4ft (1.25m) deep tank or 205 litre drum (AOP.S90 or AOP.S60).
- Quick release air connectors, 1/4" F BSPP (QR.1M & QR.1F).
- Filter regulator unit for air supply (AIR.FRC).

AOP.3/KIT1

Stk Code	Description	Ratio	Outlet	Air Inlet	Max Air Consumption	List £
AOP.3/KIT1	Kit for 205L drums	3:1	1/2" M BSPP	1/4" F BSPP	8 bar 110L/min	304.41
AOP.5/KIT1	Kit for 205L drums	5:1	1/2" M BSPP	1/4" F BSPP	8 bar 125L/min	356.29
AOP.3/KIT2	Kit for 4ft tank	3:1	1/2" M BSPP	1/4" F BSPP	8 bar 110L/min	304.41
AOP.5/KIT2	Kit for 4ft tank	5:1	1/2" M BSPP	1/4" F BSPP	8 bar 125L/min	356.29



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Engineered Product
2 YEARS WARRANTY
OIL

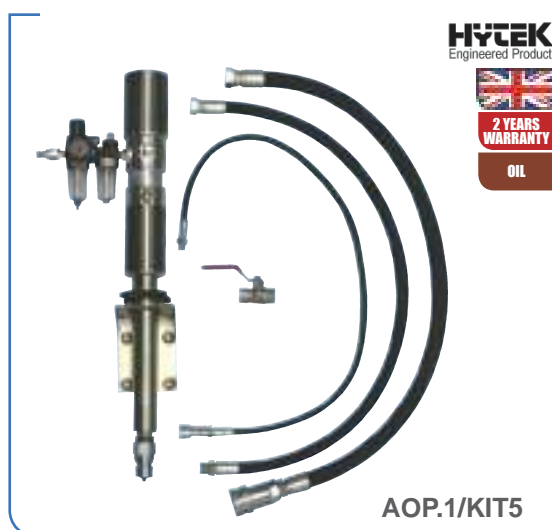
Full Air Operated Oil Pump Kits For Drums & Tanks

Complete kits with hoses to ease installation, kit contains:

- Air pump with stubby suction (AOP.3C or AOP.5C).
- Suction pipe to suit 4ft (1.25m) deep tank or 205 litre drum (AOP.S90 or AOP.S60).
- Quick release air connectors, 1/4" F BSPP (QR.1M & QR.1F).
- Filter regulator unit for air supply (AIR.FRC).
- 1m oil discharge hose (OH.1).
- 1m air inlet hose (AH.1).
- 1/2" F BSPT lever ball valve (LBV.2A).

AOP.3/KIT4

Stk Code	Description	Ratio	Outlet	Air Inlet	Max Air Consumption	List £
AOP.3/KIT3	Kit for 205L drums	3:1	1/2" M BSPP	1/4" M BSPP	8 bar 110L/min	326.89
AOP.3/KIT4	Kit for 4ft tank	3:1	1/2" M BSPP	1/4" M BSPP	8 bar 110L/min	326.89
AOP.5/KIT4	Kit for 4ft tank	5:1	1/2" M BSPP	1/4" M BSPP	8 bar 125L/min	382.23



HYTEK
Engineered Product
2 YEARS WARRANTY
OIL

Air Operated Wall Discharge Kit For Waste Oil

A complete wall mounting kit for an air pump used to empty mobile waste oil drainers. Kit contains:

- Air pump with stubby suction (AOP.1C)
- Air inlet hose 1m x 1/4" M/M BSPP (AH.1)
- Air filter regulator unit (AIR.FRC)
- 2" BSP wall mounting bracket (AOP.WALLC)
- 1/2" F BSPT lever ball valve (LBV.2A)
- 1m bore oil hose (OH.1)
- Quick release air connectors, 1/4" F BSPP (QR.1M & QR.1F)
- Flexi suction hose c/w quick release (SHAOP)

- For mobile waste oil drainer see page 50.

AOP.1/KIT5

Stk Code	Description	Ratio	Inlet	Outlet	Air Inlet	Max Air Consumption	List £
AOP.1/KIT5	Wall mount pump kit	1:1	3/4" F BSPP	1/2" M BSPP	1/4" M BSPP	8 bar 100L/min	411.64

Air Operated Oil Dispensing Kit For 205L Drums



- Oil dispensing kit suitable with engine, hydraulic, synthetic, gear & transmission oils.
- Air operated oil pump.
 - Supplied with manual oil nozzle.
 - **Option:** kit supplied with digital hose end meter.
 - **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).

AOP.3B.A

Stk Code	Description	Ratio	Air Inlet	Hose	Suction	List £
AOP.3B.M	Kit with manual nozzle	3:1	¼" F BSPP	4m	940mm pipe	328.19
AOP.3B.A	Kit with digital meter	3:1	¼" F BSPP	4m	940mm pipe	387.56

Air Operated Oil Dispensing Kit - Wall Mount



- A wall mounted oil dispensing kit suitable with engine, hydraulic, synthetic, gear & transmission oils.
- Air operated oil pump & wall mounting bracket.
 - 15m open hose reel with 600mm inlet hose.
 - Supplied with digital hose end meter.
 - **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).

AOP.3.HR.A

Stk Code	Description	Ratio	Air Inlet	Hose	List £
AOP.3.HR.A	Kit with digital meter & hose reel	3:1	¼" F BSPP	15m	616.16

Air Operated Oil Pump Kit - IBC Mount



- Intermediate bulk container (IBC) side mounted.
- Suitable with medium/high viscosity oils.
- Complete dispensing kit: 3:1 air pump (AOP.3C) filter regulator (AIR.FRC), digital hose end meter (OM11C), 3m delivery hose (OH.3) 1.5m suction hose fits IBC bottom outlet c/w quick release fitting.
- Regulate air inlet pressure to 70 - 115psi (5 - 8 bar). Max pressure 115psi (8 bar).

AOP.3IBC

Stk Code	Description	Ratio	Flow Rate	Inlet	Outlet	Air Inlet	Max Air Consumption	List £
AOP.3IBC	IBC mount air pump kit	3:1	18L/min	1" F BSPP	½" M BSPP	¼" F BSPP	8 bar 100L/min	460.65

Air Operated Oil Dispensing System - Mobile



- A complete mobile oil dispensing system suitable with engine, hydraulic, synthetic, gear & transmission oils.
- Air operated oil pump, digital hose end meter, 4m oil hose & heavy duty 4 wheel trolley.
 - **Option:** 15m x ½" fixed bracket open oil hose reel.
 - **Note:** drum not included.
 - **Important:** Filter regulator & lubricator must be fitted or warranty void (see page 50).

AOP.3T.HR.A

Stk Code	Description	Ratio	Air Inlet	Hose	Suction	List £
AOP.3T.A	Mobile oil system/kit	3:1	¼" F BSPP	4m	940mm pipe	567.24
AOP.3T.HR.A	Mobile oil system/kit with hose reel	3:1	¼" F BSPP	15m	940mm pipe	848.35

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Engineered Product

2 YEARS WARRANTY

ADBLUE®

ANTIFREEZE

DIESEL

OIL

WATER



ADP.60PV



ADP.60AV

DIESEL

OIL

WATER

Diaphragm Pump - Air Operated

- All versions suitable with water, mineral oils, diesel & oils up to SAE 50.
- ADP.60PV also suitable with **AdBlue® & antifreeze**.
- ADP.60AV also suitable with **waste oil**.
- Pumps solids with a max diameter of 4mm.
- Polypropylene or aluminium body. Viton diaphragm.
- Working pressure 29 - 115 psi (2 - 8 bar). Max temp 80°C.
- Ground to eliminate static.
- Flow rate drops 50% when used on oil.
- Minimum compressor required 300L/min.
- **Important:** Filter regulator & lubricator must be fitted or warranty void (see below).

Stk Code	Description	Ratio	Flow Rate	Air Inlet	Ports	Max Air Consumption	List £
ADP.60PV	Polypropylene body, viton	1:1	60L/min	¼" F BSPP	¾" F BSPP	8 bar 266.6L/min	408.49
ADP.60AV	Aluminium body, viton	1:1	60L/min	¼" F BSPP	¾" F BSPP	8 bar 266.6L/min	465.95

HYTEK
Engineered Product

2 YEARS WARRANTY

AIR

Air Filter Regulator & Lubricator



AIR.FRC

AIR.FRC.KIT



AIR.FRHL

- Enables the air supply to be regulated at a set pressure prior to use with oil/grease air pumps, air tools & other similar equipment.
- It cleans, regulates & lubricates the air supply prior to use.
- The air supply is firstly filtered of moisture & impurities, then pressure regulated before being dosed with a fine airborne lubricant.
- Adjustable pressure 7.25 - 115 psi (0.5 - 8 bar). Supplied with wall bracket
- Recommended lubricant ISO VG32 or same grade.
- Heavy duty version c/w aluminium bowls.
- Control knob can be locked for pre-setting air pressure.
- **NEW** (AIR.FRC.KIT) air filter/regulator also includes ¼" nipple, airline fitting & elbow.

Stk Code	Description	Oil Cup	Filter Cup	Ports	Max Pressure	List £
AIR.FRC	Air regulator filter & lubricator	25cc	15cc	¼" F BSPP	116psi (8 bar)	39.75
NEW AIR.FRC.KIT	Air regulator filter & lubricator kit	25cc	15cc	¼" F BSPP	116psi (8 bar)	49.77
AIR.FRHL	Heavy duty air regulator filter & lubricator	90cc	60cc	¼" F BSPP	116psi (8 bar)	51.98

HYTEK
Engineered Product

2 YEARS WARRANTY

OIL

Waste Oil Gravity Drainer



WODHL.90C

- Ideal for gravity draining of engine, gearbox & differential oils.
- Used to drain oils from all motor vehicles on auto lifts or pits.
- 18 litre collection bowl is height adjustable.
- Equipped with level gauge, oversize funnel anti splash screen & removable tool tray.
- WODHL.90C - empty using compressed air.
- WODHL.90WC - empty using air operated wall discharge kit (AOP.1/KIT5) see page 48.
- **Supplied with a 2 year parts warranty.**

Stk Code	Description	Capacity	List £
WODHL.90C	90 litre air evacuation drainer	90 litres	266.57
WODHL.90WC	90 litre wall discharge drainer	90 litres	275.73

Manual Oil Delivery Nozzle

- Suitable with lubricating oils.
- Supplied with flexible spout & anti drip tip.
- Integral filter.

NOZ.OEH.12

- High flow version has rigid spout only (no anti drip tip).
- Trigger lock mechanism stops accidental dispensing.
- **For antifreeze version see page 52.**

HYTEK
Engineered Product

2 YEARS
WARRANTY

OIL

ECODORA

MADE IN
ITALY

OIL



NOZ.OEC



NOZ.OEH.12

Stk Code	Description	Flow Rate	Max Pressure	Inlet	List £
NOZ.OEC	Oil nozzle	1 - 35L/min	750psi (52 bar)	½" F BSPP swivel	62.85
NOZ.OEH.12	High flow oil nozzle	1 - 35L/min	750psi (52 bar)	½" F BSP Pswivel	44.11

Digital Hose End Oil Meter

- Suitable with lubricating oils.
- 5 digit LCD display, dispenses in litres, gallons, pints & quarts.
- Resettable display, non resettable totaliser.
- Supplied with flexible spout & anti drip tip.
- Integral filter.
- **Not** approved for resale.
- **For antifreeze version see page 52.**

HYTEK
Engineered Product

2 YEARS
WARRANTY

OIL



OM11C

High pressure

Stk Code	Description	Flow Rate	Max Pressure	Inlet	Accuracy	List £
OM11C	Hose end meter	1 - 35L/min	1450psi (100 bar)	½" F BSPP swivel	+/- 0.5%	163.85

Digital Hose End Oil Meter - K400

- Suitable with lubricating oils.
- Supplied with flexible spout & anti drip tip.
- Integral filter.
- Trigger lock mechanism stops accidental dispensing.
- Non resettable totaliser.
- **Not** approved for resale.

PIUSI

OIL



OM400

Stk Code	Description	Flow Rate	Max Pressure	Inlet	Accuracy	List £
OM400	Hose end meter (F00984010)	1 - 30L/min	1015psi (70 bar)	½" F BSPP swivel	+/- 0.5%	224.12



ECODORA

MADE IN ITALY
ANTIFREEZE

Manual Antifreeze Nozzle

- Suitable with antifreeze & screen wash.
- Rigid outlet spout.
- High flow.
- Viton seals.

NOZ.OEAF

Stk Code	Description	Max Pressure	Inlet	List £
NOZ.OEAF	Antifreeze nozzle	1015psi (70 bar)	½" F BSPP swivel	93.83



ECODORA

MADE IN ITALY
ANTIFREEZE

Digital Antifreeze Hose End Meter

- Suitable with antifreeze & screen wash.
- Supplied with flexible spout & anti drip tip.
- Viton seals.
- **Not** approved for resale.

OM10EAF

Stk Code	Description	Flow Rate	Max Pressure	Inlet	Accuracy	List £
OM10EAF	Antifreeze hose end meter	1 - 40L/min	1015psi (70 bar)	½" F BSPP swivel	+/- 0.5%	280.66



HYTEK
Engineered Product

2 YEARS WARRANTY

Drip Pocket For Nozzles

- Modular drip pocket/tray.
- Equipped with oil nozzle hook.
- Removable drip tray.
- Ideal to fit with hose reels & for holding the nozzle in place.
- Keeps the wall & floor clean & safe.

OIL.DPC

Stk Code	Description	Dimensions	List £
OIL.DPC	Wall mount drip pocket	700mm H x 200mm W x 160mm D	41.67



WATER

Water Top Up Nozzle

- Water gun.
- Low pressure.
- Can be used with water hose reels.
- For vehicle radiators & tanks.

NOZ.WB

Stk Code	Description	Max Pressure	Inlet	List £
NOZ.WB	Water bibb nozzle	116psi (8 bar)	¼" F BSPP fixed	30.49

Plastic Cased Air/Water Reel

- Ideal for use with air tools & for water dispensing.
- Spring rewind. High impact polypropylene construction.
- Fully adjustable hose stop.
- Integral wall mounting swivel bracket.
- Max temperature 60°C.

HYTEK
Engineered Product



HREAW15.10P

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HREAW15.10P	Air/water reel	15m	3/8" M BSPT	900mm	290psi (20 bar)	113.65

Cased & OpenReel Air/Water - 2950/870 Series

- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- Mounting kit for wall, ceiling, bench or floor mount.
(fixed & wall mount swivel bracket supplied as standard).
- **Choose:** cased or open reel.
- **Spare hose assembly available.**

HYTEK
Engineered Product



HREAW15.10C

HROAW15.10C

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HREAW15.10C	Cased reel, fixed & swivel bracket (2950)	15m	3/8" M BSPT	1000mm	290psi (20 bar)	325.28
HROAW15.10C	Open reel, fixed & swivel bracket (870)	15m	3/8" M BSPT	1000mm	290psi (20 bar)	311.46
HRO15.10H	Spare hose assembly only	15m	3/8" M BSPT	-	290psi (20 bar)	30.61

Cased Reel Oil - 2950 Series

- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- Mounting kit for wall, ceiling, bench or floor mount.
(fixed & wall mount swivel bracket supplied as standard).
- **Spare hose assembly available.**

HYTEK
Engineered Product



HRE15.12C

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRE15.12C	Oil reel, fixed & swivel bracket	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	402.86
HRO15.12H	Spare hose assembly only	15m	1/2" M BSPT	-	2000psi (138 bar)	57.75

Open Reel Oil - 870/820 Series

- Spring rewind. Heavy duty steel construction, powder coated.
- Fully adjustable hose stop.
- HRO15.12F: Fixed mounting plate (870 series).
- HRO15.12C: Fixed & wall mount swivel bracket supplied (820 series).
- **Spare hose assembly available.**

HYTEK
Engineered Product



HRO15.12C

HRO15.12F

Stk Code	Description	Hose Length	Ends	Inlet Hose	Max Pressure	List £
HRO15.12F	Oil reel, fixed	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	351.54
HRO15.12C	Oil reel, fixed & swivel bracket	15m	1/2" M BSPT	1000mm	2000psi (138 bar)	357.58
HRO15.12H	Spare hose assembly only	15m	1/2" M BSPT	-	2000psi (138 bar)	57.75



HYTEK
Engineered Product

GREASE

Professional Side Lever Grease Gun

- Accepts 400cc cartridges.
- Supplied with cranked spout, flexible spout & 4 jaw connector.
- Cannot be used to bulk fill.

GR.G3.N

Stk Code	Description	List £
GR.G3.N	Professional side lever gun	11.86
GR.GIF.L	Spare flex spout 300mm (rubber)	3.98
GR.4J.L	Spare 4 jaw connector 1/8" F BSPT	1.83



HYTEK
Engineered Product

GREASE

Professional Pistol Grip Grease Gun

- Accepts 400cc cartridges.
- Supplied with cranked spout, flexible spout & 4 jaw connector.
- Cannot be used to bulk fill.
- Air bleeder valve eliminates air lock.

GR.G6.N

Stk Code	Description	List £
GR.G6.N	Professional pistol grip gun	18.14
GR.GIF.L	Spare flex spout 300mm (rubber)	3.98
GR.4J.L	Spare 4 jaw connector 1/8" F BSPT	1.83



PROLUBE

2 YEARS WARRANTY

GREASE

High Volume Side Lever Grease Gun

- Designed for ease of use with minimum effort.
- Delivers 1½ times more grease than most grease guns & generates pressure up to 10,000 psi (690 bar).
- Machined to precision tolerances (die cast head, 1.2mm barrel).
- Accepts either 400cc cartridges or 500cc bulk fill.
- Supplied with rigid spout, 4 jaw connector & bulk filling loader.
- **2 year warranty.**

Type 40

GR.G3HV

Stk Code	Description	List £
GR.G3HV	High volume side lever gun	34.54
GR.4J.L	Spare 4 jaw connector 1/8" F BSPT	1.83



PROLUBE

2 YEARS WARRANTY

GREASE

High Volume Pistol Grip Grease Gun

- Used for greasing in confined spaces/restricted access.
- Unique variable stroke feature allows increased pressure from short strokes & high volumes from full strokes (7500psi 517 bar).
- Machined to precision tolerances (die cast head, 1.2mm barrel).
- Accepts either 400cc cartridges or 500cc bulk fill. **2 year warranty.**
- Supplied with 225mm flexible spout & 4 jaw connector.
- Fitted with unique bulk filling loader, doubles as an air bleed.

Type 32

GR.G6HV

Stk Code	Description	List £
GR.G6HV	High volume pistol grip gun	36.80
GR.GIF.L	Spare flex spout 300mm (rubber)	3.98

Grease Gun Holder

- Simple snap action clamp for safe storage of grease guns.
- Mounts on almost any surface.
- Manufactured from heavy gauge steel sheet with zinc-plated finish.
- Suitable with grease gun barrel diameter of 57mm, which accept a 400cc cartridge.

PROLUBE



GR.GGH

Stk Code	Description	List £
GR.GGH	Grease gun holder	3.12

High Pressure Grease Pumps

- Portable high pressure direct feed grease pumps.
- Fits directly onto kegs. Supplied with follower plate.
- 1.2m high pressure outlet hose & 4 jaw connector.
- GR.H12.P fits 12.5kg kegs. Pumps NGLI2 grease.
- Robust aluminium cast head & solid steel pump chamber.
- GR.H18 fits 18kg kegs. Pumps NGLI2 grease.

PROLUBE

GREASE



GR.H12.P

GR.H12H.L

Stk Code	Description	List £
GR.H12.P	Fits 12.5kg, pumps NGLI2	78.92
GR.H12H.L	Heavy duty version as above	139.77
GR.H18	Fits 18kg, pumps NGLI2	127.47

Low Pressure Auto Chassis Grease Pumps

- Low pressure, high volume grease pumps.
- Fits directly onto 12.5kg kegs.
- Supplied with follower plate.
- 1.2m outlet hose & quick release female connector.
- Pumps grease up to NGLI2.

GREASE



GR.BFILL.L

Stk Code	Description	List £
GR.BFILL.L	Fits 12.5kg, pumps NGLI2	102.23

Grease Nipples - Assorted

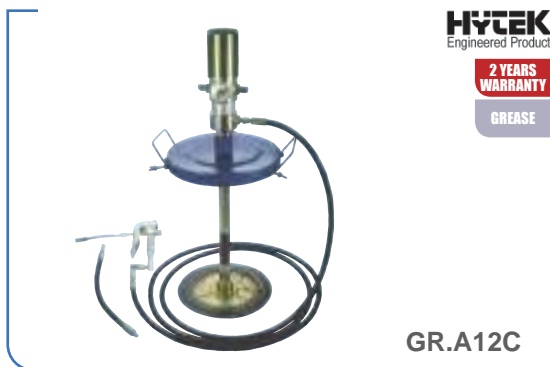
- **Choose** metric or imperial.
- 150 assorted imperial straight & angled (BSP/BSF/UNF).
- 150 assorted metric straight & angled (M6/M8/M10).
- Housed in a handy box with compartments.
- **For grease guns see page 54.**

GREASE



GR.NIPI

Stk Code	Description	List £
GR.NIPI	150 assorted imperial nipples	44.12
GR.NIPM	150 assorted metric nipples	37.19



HYTEK
Engineered Product

2 YEARS WARRANTY

GREASE

Portable Grease Dispenser For 12.5kg Keg

- Air operated grease pump. 4m of 1/4" bore delivery hose.
- **Grease gun now with Z swivel as standard.**
- The handles either side of the drum cover make this a fully portable unit.
- Follower plate 265mm.
- Complete dispensing unit fits a 12.5kg grease keg.
- **Version to fit a 18kg grease keg available.**
- **Important:** Filter regulator & lubricator must be fitted or warranty void (AIR.FRC).

GR.A12C

Stk Code	Description	Ratio	Keg Size	Drum Cover	Max Air Consumption	List £
GR.A12C	12.5kg portable system kit	50:1	12.5kg	280mm	8 bar 120L/min	340.98



HYTEK
Engineered Product

2 YEARS WARRANTY

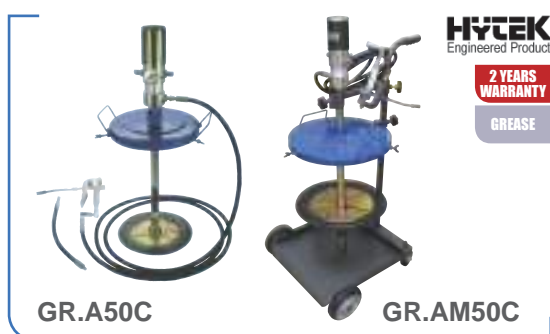
GREASE

Mobile Grease Dispenser For 12.5kg Keg

- Air operated grease pump. 4 wheeled trolley.
- 4m of 1/4" bore delivery hose.
- **Grease gun now with Z swivel as standard.**
- Follower plate 265mm.
- Complete dispensing unit fits a 12.5kg grease keg.
- **Version to fit a 18kg grease keg available.**
- **Important:** Filter regulator & lubricator must be fitted or warranty void (AIR.FRC).

GR.AM12.5C

Stk Code	Description	Ratio	Keg Size	Drum Cover	Max Air Consumption	List £
GR.AM12.5C	12.5kg mobile system kit	50:1	12.5kg	280mm	8 bar 120L/min	377.31



HYTEK
Engineered Product

2 YEARS WARRANTY

GREASE

Mobile Grease Dispenser For 50kg Keg

- Air operated grease pump. 4 wheeled trolley.
- 4m of 1/4" bore delivery hose.
- **Grease gun now with Z swivel as standard.**
- Follower plate 370mm.
- Complete dispensing unit fits a 50kg grease keg.
- Version as above, no trolley (GR.A50C).
- **Important:** Filter regulator & lubricator must be fitted or warranty void (AIR.FRC).

GR.A50C

GR.AM50C

Stk Code	Description	Ratio	Keg Size	Drum Cover	Max Air Consumption	List £
GR.AM50C	50kg mobile system kit	50:1	50kg	385mm	8 bar 120L/min	440.11
GR.A50C	As above (no trolley)	50:1	50kg	385mm	8 bar 120L/min	394.83



GR.T4C

GR.T4HC

Trolleys For Grease Kegs & Drums

- GR.T4C, 4 wheel for 20 - 60kg grease kegs.
- GR.T4HC, heavy duty 4 wheel for 180kg grease kegs or 205L drums.
(Rear brake, hose reel mounting plate, adjustable gun & hose support).

Stk Code	Description	List £
GR.T4C	4 wheel for 20 - 60kg grease kegs	87.37
GR.T4HC	Heavy duty 180kg grease kegs or 205L drums	232.52

Air Operated Grease Pumps 50:1

- Supplied with a 2 years parts warranty.
- All pumps supplied with double acting suction tubes.
- Regulate air inlet pressure from 70 - 115psi (5 - 8 bar).
- Max pressure 115psi (8 bar).
- **Drum cover & follower plate for 18kg grease kegs.**
- **Important:** Filter regulator & lubricator must be fitted or warranty void (AIR.FRC).



GR.APC.5012



GR.DC.12C



GR.FP.12C

Stk Code	Description	Ratio	Outlet	Air Inlet Size	Max Air Consumption	List £
GR.APC.5012	50:1 pump fits 12.5kg keg	50:1	1/4" M BSPP	1/4" F BSPP	8 bar 120L/min	221.74
GR.APC.5050	50:1 pump fits 50kg keg	50:1	1/4" M BSPP	1/4" F BSPP	8 bar 120L/min	232.00
GR.APC.50180	50:1 pump fits 180kg keg	50:1	1/4" M BSPP	1/4" F BSPP	8 bar 120L/min	240.21
GR.DC.12C	Drum cover for 12.5kg keg	-	-	-	-	26.08
GR.DC.18C	Drum cover for 18kg keg	-	-	-	-	28.38
GR.DC.50C	Drum cover for 50kg keg	-	-	-	-	36.51
GR.DC.180C	Drum cover for 180kg keg	-	-	-	-	51.66
GR.FP.12C	Follower plate for 12.5kg keg	-	-	-	-	20.65
GR.FP.18C	Follower plate for 18kg keg	-	-	-	-	22.85
GR.FP.50C	Follower plate for 50kg keg	-	-	-	-	33.59
GR.FP.180C	Follower plate for 180kg keg	-	-	-	-	67.75

Air Operated Grease Control Gun

- For use with air operated grease pumps.
- Inlet connection 1/4" F BSPT straight swivel.
- Supplied c/w rigid spout & flexible outlet hose with 4 jaw connector.
- **Option:** GR.ASWIVC - Z swivel.
- GR.ASWIVS - Spare straight swivel available.



GR.ASWIVC



GR.AGUNC

Stk Code	Description	List £
GR.AGUNC	Grease control gun with straight swivel	53.52
GR.ASWIVC	Z swivel	26.92
GR.ASWIVS	Straight swivel	14.28

Grease Hose

- Steel braided, rubber coated cover.
- Zinc plated steel end fittings.
- Machine swaged ends.
- Swivel female to fixed male ends.



GR.H4

Stk Code	Description	Hose	Bore	End Type	Max Pressure	List £
GR.H4	Grease hose	4m	8mm	1/4" M/F BSP cone seat	1885psi (130 bar)	31.14

PCL **Airflow Couplings - PCL**



AC21CF

AC21CM



- These air couplings are manufactured to give long life & reliability.
- For fixed applications, compressor, wall & bench. Positive lock mechanism.
- For use with the standard adaptor range.
- Single action. Stainless steel springs/balls. Steel construction plated finish.
- Choose female or male thread. Designed for fixed installations.
- Interchangeable with Rectus 19 & CEJN 295 series couplings.

Stk Code	Description	Max Pressure	Temp Range	Thread	Bore	Max Flow	List £
AC21CF	Female	200psi (14 bar)	-40°C to 100°C	¼" F BSPP	4.8mm	43 cfm @100 psi (6 bar)	8.50
AC21CM	Male	200psi (14 bar)	-40°C to 100°C	¼" M BSPT	4.8mm	43 cfm @100 psi (6 bar)	8.50

PCL **Standard Air Line Adaptors - PCL**



ACA2593

ACA2746



- These air line adaptors are manufactured to give long life & reliability.
- For use with Airflow, Vertex, Safeflow & PCL non-corrodible couplings.
- Single action. Harden steel construction plated finish for longer life.
- Choose female or male thread.
- Interchangeable with Rectus 19 & CEJN 295 series couplings.

Stk Code	Description	Max Pressure	Temp Range	Thread	Bore	Max Flow	List £
ACA2746	Female	200psi (14 bar)	-40°C to 100°C	¼" F BSPP	4.8mm	43 cfm @100 psi (6 bar)	1.78
ACA2593	Male	200psi (14 bar)	-40°C to 100°C	¼" M BSPT	4.8mm	43 cfm @100 psi (6 bar)	1.78

PCL **XF Couplings High Flow & High Pressure - PCL**



AC71CM



- These air couplings are manufactured to give long life & reliability.
- Offer increased airflow when needed & increase air tool efficiency.
- Hardened steel construction plated finish for longer life. Steel shoulder helps stops disconnection when not required. Choose female or male thread.
- Interchangeable with Rectus 25/26, Legris 25/26, Norgren 234/238, Schrader InterCheck 35 & CEJN 320 series couplings.

Stk Code	Description	Max Pressure	Temp Range	Thread	Bore	Max Flow	List £
AC71CF	Female	508psi (35 bar)	-40°C to 100°C	¼" F BSPP	7.4mm	2,200 L/min @100psi (6bar)	11.75
AC71CM	Male	508psi (35 bar)	-40°C to 100°C	¼" M BSPT	7.4mm	2,200 L/min @100psi (6bar)	11.75

XF Adaptors High Flow & High Pressure - PCL



- These air line adaptors are manufactured to give long life & reliability.
- For use with XF couplings from PCL.
- Offer increased airflow when needed & increase air tool efficiency.
- Case harden steel plated finish for longer life. Choose female or male thread.
- Interchangeable with Rectus 25/26, Legris 25/26, Norgren 234/238, Schrader InterCheck 35 & CEJN 320 series couplings.



AA7102

Stk Code	Description	Max Pressure	Temp Range	Thread	Bore	Max Flow	List £
AA7106	Female	508psi (35 bar)	-40°C to 100°C	¼" F BSPP	7.4mm	2,200 L/min @100psi (6bar)	2.66
AA7102	Male	508psi (35 bar)	-40°C to 100°C	¼" M BSPT	7.4mm	2,200 L/min @100psi (6bar)	2.66

Vertex Couplings - PCL



- These air couplings are manufactured to give long life & reliability.
- For portable applications, air tools & hand held tyre inflators.
- For use with the standard adaptor range.
- Double action means they can be used with trailing hoses in workshops often useful for tyre & garage applications.
- Steel construction plated finish.
- Choose female or male thread.
- Interchangeable with Rectus 19 & CEJN 295 series couplings.



AC91CF

AC91CM

Stk Code	Description	Max Work Pres.	Temp Range	Thread	Nominal Bore	Max Flow	List
AC91CF	Female	200psi (14 bar)	-40°C to 100°C	¼" F BSPP	4.8mm	43 cfm @100 psi (6 bar)	8.50
AC91CM	Male	200psi (14 bar)	-40°C to 100°C	¼" M BSPT	4.8mm	43 cfm @100 psi (6 bar)	8.50



Air Tool Hose With Vertex Couplings - PCL



- These air tool hoses look & feel like rubber however they do not have the issues associated with rubber as they are a PVC alloy (PTE) compound.
- Suitable with fuels & oils. Silicone free. Choose 10m or 20m long assemblies.
- Vertex coupling & standard adaptor already swaged to either end.
- Good flexibility, kink & abrasion resistance. Just plug & go.
- Conforms to ISO 5774:2008 (BS 6066:1981) & exceeds BS EN ISO 2398: 1997 (BS 5118:1980).



HA2129

Stk Code	Description	Max Pressure	Temp Range	Bore	Length	Ends/Fittings	List £
HA2134	Air hose	300psi (21 bar)	-10°C to 60°C	8mm (5/16")	10m	Vertex Coupling/Standard adaptor	49.49
HA2129	Air hose	300psi (21 bar)	-10°C to 60°C	8mm (5/16")	20m	Vertex Coupling/Standard adaptor	83.62

PCL Digital Tyre Inflator - PCL



DT108

AIR

- Entry level digital tyre inflator for the professional workshop.
- Large easy to read LCD display with backlight.
- Accuracy +/- 1psi (0.069bar) to 60psi (4.14bar), +/-2psi (0.14bar) to 150psi (10.35bar) Each gauge is serial numbered. Choose PSI, BAR or kPa at the push of a button.
- Supplied with a calibration certificate traceable to international standards.
- Hand trigger inflate, thumb deflate for accurate pressure.
- Supplied with battery (1xCR2032) 1,000hrs with backlight off/40hrs when on.
- Battery level indicator. Auto power off to prolong battery life.

Stk Code	Description	Valve	Hose Length	Air Inlet	Reading Accuracy	List £
DT108	Digital tyre inflator	Clip on	1.8m (6ft)	1/4" F BSPP	0.1psi (0.1Bar)	78.55

PCL Mechanical Tyre Inflator AIRFORCE® MK4 - PCL



AFG4H03



AIR

- Used in garages, petrol forecourts & commercial yards for over 25 years.
- This is the latest MK4 version. Over 400,000 inflation cycles at 100% accuracy, 50% more than previously.
- 20% larger viewing window makes it even easier to read.
- Standards: meets EC 86/217 & compliant to EN12645:2014.
- New ergonomic design makes it easier to use & harder to damage when dropped.
- Heavy duty yet weighs only 923g making it ideal for repetitive use.

Stk Code	Description	Valve	Hose Length	Air Inlet	Reading Accuracy	Max Inlet Press	Temp Range	List £
AFG4H03	Inflator	Twin hold on	0.53m (21")	1/4" F BSPP	2psi or 0.1bar	200psi (14 bar)	-25 to 55°C	89.40

PCL Digital Tyre Inflator ACCURA® MK4 - PCL



DAC403

AIR

- This is a digital version of the mechanical unit above, has the reliability & strength of a mechanical inflator however is lightweight & has all the advantages of a digital unit, long accurate life expectancy.
- For use in garages, petrol forecourts & commercial/plant yards/sites.
- Inflation range 4psi (0.28bar) - 250psi (17bar) ideal to inflate small & large tyres.
- Large easy to read LCD display, permanently backlit, auto off after 10 seconds of no use. Weatherproof to IP54 for outdoor use. Supplied with batteries. (2xAAA). Battery level indicator. Choose PSI, BAR, kPa at the push of a button.
- Individually tested & certified against national approved gauges, complies to BS EN12645:2014.
- Ergonomic design makes it easier to use & harder to damage when dropped.
- Heavy duty yet weighs only 495g making it ideal for repetitive use.

Stk Code	Description	Valve	Hose Length	Air Inlet	Reading Accuracy	Max Inlet Press	Temp Range	List £
DAC403	Inflator	Twin hold on	0.53m (21")	1/4" F BSPP	0.1psi (0.01bar)	260psi (18 bar)	-25 to 55°C	103.37

Digital Tyre Inflator - Gripper

- The "GRIPPER" tyre inflator is automatic, fast, accurate & unbreakable.
- Automatic power supply detection 90V – 240V, 50/60Hz for easy installation.
- Fully automatic, increase or decrease the pressure at the touch of a button.
- Used worldwide in harsh environments, extreme cold & warm temperatures.
- For use in garages, petrol forecourts, commercial/plant yards/sites, tyre bays & car dealerships.
- Heavy duty display buttons have a lifespan of 10 million operations.
- Maximum inflation pressure 145psi, 10bar, 1 kPa.
- Over 100,000 in use worldwide.
- Large easy to read LCD display, permanently backlit.
- Choose PSI, BAR & kPa all at a touch of a button.
- Suitable for outdoor use. Built-in heater for all weather conditions.
- Temperature range, -10 - +70C.
- Accuracy +/-0.15PSI (0.01 BAR).
- Diameter 240mm. Weight 1.8kg.
- All housed in an impact resistant ABS housing.
- 2 year warranty is offered as standard due to its proven reliability.
- **Options:** Air delivery hose & air connectors, see tyre inflator accessories below.

NEW FREE Transport Manager's Guide to Tyre Inflation

- This guide covers & answers 5 main questions & explains the issues incorrect tyre pressures can cause, examples are:
 - An increase in fuel consumption & CO2 emissions.
 - Increase in tyre wear.
 - Reduced grip.
 - Increase in braking distance.
- This guide also covers why tyre maintenance/inspection is important & the effect road conditions can have on tyres.

2 YEARS WARRANTY
AIR



TI.G



Stk Code	Description	Air Inlet/Outlet	Accuracy	Max Inlet Press	Temp Range	List £
TI.G	Tyre inflator	1/4" F BSPP	+/- 0.15psi (0.01 bar)	232psi (16 bar)	-10 to 70°C	447.67

Tyre Inflator Accessories - PCL

Twin Hold On Connector - PCL

- Open end (black handle). Hose connection 1/4" female BSPP. (CO1A03)
- Closed end. Hose connection 1/4" female BSPP. (CO1B03)

Clip On Euro Style Connectors - PCL

- Close end. Hose connection 1/4" female BSPP. (CO8T73)

Air Outlet/Delivery Hose Assembly 8mm (5/16") - PCL

- 10m long with 1/4" female BSPP swaged ends. (HA2017)
- Conforms to: ISO 5774:2008 (BS 6066:1981) Exceeds: BS EN ISO 2398:1997 (BS 5118:1980).

Nipple

- Converts above female swivel hose end into swivel male end 1/4" taper. (RNG.1.1G)

PCL
AIR



CO8T73



RNP.1.1G



CO1A03



CO1B03



HA2017

Stk Code	Description	Inlet	Valve Style	Ends	List £
CO1A03	Twin hold on open end tyre connector (BLACK)	1/4" F BSPT	Open end	-	12.50
CO1B03	Twin hold on closed end tyre connector (RED)	1/4" F BSPT	Close end	-	12.50
CO8T73	Clip on open end Euro style tyre connector	1/4" F BSPT	Open end	-	5.63
HA2017	Tyre inflator delivery/outlet hose 10m assembly	-	-	1/4" F BSPP	44.17
RNP.1.1G	Nipple 1/4"M/Parallel (cone) - 1/4"M/Taper, plated	-	-	-	1.15

PCL Vertex Couplings - PCL



AC91CF

AC91CM

- These air couplings are manufactured to give long life & reliability.
- For portable applications, air tools & hand held tyre inflators.
- For use with the standard adaptor range.
- Double action means they can be used with trailing hoses in workshops often useful for tyre & garage applications.
- Steel construction plated finish.
- Choose female or male thread.
- Interchangeable with Rectus 19 & CEJN 295 series couplings.

Stk Code	Description	Max Work Pres.	Temp Range	Thread	Nominal Bore	Max Flow	List
AC91CF	Female	200psi (14 bar)	-40°C to 100°C	1/4" F BSPP	4.8mm	43 cfm @100 psi (6 bar)	8.50
AC91CM	Male	200psi (14 bar)	-40°C to 100°C	1/4" M BSPT	4.8mm	43 cfm @100 psi (6 bar)	8.50



AIR

FREE Tyre Inflation Guide

NEW FREE Transport Manager's Guide to Tyre Inflation

- This guide covers & answers 5 main questions & explains the issues incorrect tyre pressures can cause, examples are:
 - An increase in fuel consumption & CO2 emissions.
 - Increase in tyre wear.
 - Reduced grip.
 - Increase in braking distance.
- This guide also covers why tyre maintenance/inspection is important & the effect road conditions can have on tyres.
- We can also **brand copies with your company details**, ideal for use at exhibitions, customer visits & other promotional activities.



Drum Sump Pallets

64



Drip/Work Trays

64



IBC/Drum Adaptor

64



IBC Cam Fittings

65



Drum/IBC Valve Coupler Self Venting - Micromatic

66



Drum/IBC SEC/CDS Suction Pipe

66



SEC/CDS Connectors

66



Drum Wrenches

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Drum Taps

67



NEW PRODUCTS

68





2 Drum Sump Pallet

- Polyethylene 2 drum sump pallet (Holds 1 or 2, 205L drums).
- Forklift access, weight 29kgs.
- Pallet has removable polyethylene grate.
- Complies with oil storage regulations.

BUND.P2

Stk Code	Description	Capacity	Dimensions	Max Weight	List £
BUND.P2	2 drum spill pallet	250 litres	440mm H x 1300mm W x 750mm D	900kgs	222.42



Drip Trays/Work Trays

- Made from polyethylene.
- **Can add absorbent pads see page 182.**
- Contains drips from leaks in pipework & hoses.
- Also ideal to use when working or stripping components.

DRIP1

DRIP2

Stk Code	Description	Capacity	Dimensions	List £
DRIP1	Drip tray - square	28 litres	70mm H x 600mm W 600mm D	17.11
DRIP2	Drip tray - extra long	28 litres	40mm H x 1200mm W x 550mm D	32.32



IBC/Drum Adaptor

- 2" BSPP female - DIN 61 female.
- Fits Schutz drums & IBCs, Soltralenz IBCs, Van Leer Unicubes.
- Fits DN61 external screw necks on 'L' ring drums or IBCs, Plysu 20 - 25L drums with 59mm necks, Valerex 60mm necks, Dynoplast 25L drums with DIN 61 neck.
- Fits common drum types: Van leer (Valerex), Economic drums, Gallay & Mauser.

AD.IBC

Stk Code	Description	List £
AD.IBC	Adaptor for IBC & drums	3.65

IBC Fittings

- By using these adaptors you can convert the IBC outlet valve quickly.
- Made from 20% glass filled polypropylene.
- 1" or 2" F part A camlock to S60x6, 3/4" or 1" M BSPP to S60x6.
- 3/4" swivel hose tail S60x6 buttress (IBC.3HT).



Stk Code	Description	List £
IBC.4A	1" F part A cam - S60x6 female buttress	10.86
IBC.8A	2" F part A cam - S60x6 female buttress	10.86
IBC.3	3/4" M BSPP - S60x6 female buttress	10.86
IBC.4	1" M BSPP - S60x6 female buttress	10.86
IBC.3HT	3/4" swivel hose tail - S60x6 female buttress	16.35

IBC Fitting Part C Camlock - Hose Tail

- Intermediate bulk container adaptor.
- By using this adaptor you can convert the IBC outlet valve quickly.
- Made from 20% glass filled polypropylene.
- 2" part C camlock - 1" hose tail.

**For IBC top suction connector
see page 66 (SEC.CON).**



IBC.8C

Stk Code	Description	List £
IBC.8C	2" part C cam - 1" hose tail	19.11

Drum & Tank Adaptors

- CUBECON.1 - 1" M BSPP for pump, 2" M BSPT mounting, 1" F BSPP inlet.
- AD.UNI - Fits most external 25L containers.
- AD.HPGO - Fits most Valerex/Trisure containers.



CUBECON.1

AD.HPGO

Stk Code	Description	List £
CUBECON.1	1" M BSPP x 2" M BSPT adaptor 1" F BSPP inlet	25.06
AD.UNI	Universal for 25L containers	11.21
AD.HPGO	Valerex/Trisure male thread - female BSPP adaptor	5.21



ADBLUE® DEF
OTHER FLUIDS

Drum/IBC Valve Coupler Self Venting - Micromatic

- Suitable with AdBlue® & agri chemicals, herbicides, insecticides & fungicides.
- For closed liquid transfer from drums/IBCs.
- Self venting to keep the drum/IBC free from contaminants.
- Fits onto existing valve extractor already fitted on drum/IBC.
- 1" F BSPP outlet connection. 304 stainless steel c/w EPDM seals.
- Dry disconnect emptying with less than 1ml of residue.
- Integrates into plastic or metal drums with 2" BSP, 56 x 4mm or 2½" American buttress internal thread that has an existing extractor valve fitted.

Stk Code	Description	Outlet	List £
AB.COUP.DV	Self venting drum connector	1" F BSPP	158.83



PIUSI
ADBLUE® DEF

Drum/IBC SEC/CDS Suction Pipe

- Suitable with AdBlue®.
- Connects to containers using Trisure 56x4 male plug head.
- SEC/CDS adaptor allows for connection to equipment fitted with SEC/CDS connectors.
- 2 piece suction pipe, up to 1050mm long.

For AdBlue® IBC hand pumps see pages 38 - 39, for electric pumps see pages 114 - 115.

Stk Code	Description	List £
AB.SPA	AdBlue® SEC/CDS suction pipe	59.57



NEW PRODUCT

PIUSI
ADBLUE® DEF
DIESEL
OIL
WATER

AF2 Drum/IBC Adaptor/Suction Pipe - With Filter

- Suitable with diesel, light oils, AdBlue® & water.
- Connects to drums or intermediate bulk containers (IBC).
- Includes: built in filter, venting system, non-return valve keeps the pump primed.
- 3-piece suction pipe up to 1050mm long.
- Outlet 19mm hose tail 90° elbow.
- **Options:** Choose Trisure 56x4 or 2" BSP versions.

Stk Code	Description	List £
F20189000	Trisure drum/IBC adaptor/suction pipe kit	38.42
F20257000	2" BSP drum/IBC adaptor/suction pipe kit	38.42



PIUSI
ADBLUE® DEF

Drum/IBC Spill Free Connector SEC

- Suitable for both drums & IBCs. Fully interchangeable with a CDS connector.
- Wetted parts: polypropylene, stainless steel & Viton.
- Works by twisting the valve open/close without putting any angular pressure on the IBC or drum connection point.
- Once connected prevents any contamination getting into the container. Helps prevent spillages.
- **Option:** CDS.CON - ¾" male outlet. 50mm connection to drum/IBC.
SEC.CON - ¾" hose tail outlet. 50mm connection to drum/IBC.

Stk Code	Description	List £
CDS.CON	Top suction connector ¾" M BSPP	26.54
SEC.CON	Top suction connector ¾" hose tail 90° elbow	30.84

Drum Wrenches

DWP - **PROLUBE** brand, fitted to header card. Cast aluminium drum wrench fits all 3/4" & 2" closures. (Non sparking).

DKS - Plated steel. Rubber grip for steel or plastic drums.

DWP



DKS



Stk Code	Description	List £
DWP	Aluminium drum wrench	11.72
DKS	Mild steel plated drum wrench	27.65

Drum Taps - Brass

- Robust brass drum tap with nickel plated finish.
- Lift hasp & turn to open.
- May be padlocked in the closed position.
- Outlet spigot can accept hose.
- **For large quantities please contact us for a quotation.**

DIESEL

OIL



DT3H

Stk Code	Description	Inlet	Outlet	List £
DT3H	Drum tap 3/4" (Nickel)	3/4" M BSPP	3/4" M BSPP - 19mm hose tail	17.60

Drum Taps - Alloy

- Alloy drum tap.
- Spring loaded, self closing.
- May be padlocked in the closed position.

DIESEL

OIL



DT3SC

Stk Code	Description	Inlet	List £
DT3SC	Self closing tap 3/4"	3/4" M BSPT	8.71

Drum Taps - Polyethylene

- Suitable with diesel, water, oils, acids & caustics. Check compatibility.
- Huge 2" version can be used for thick liquids.
- 2" version is also useful to empty drums fast or as a drum vent.
- Turn to open, turn back to close.
- Stay open operation, no locking facility.
- **Choose:** 3/4" or 2" versions.
- **For large quantities please contact us for a quotation.**

DIESEL

OIL

OTHER FLUIDS

WATER



DTJ.L

DT3P

Stk Code	Description	Inlet	List £
DT3P	3/4" polyethylene tap	3/4" M BSPT	1.69
DTJ.L	2" polyethylene tap	2" M BSPP	13.83

NEW PRODUCTS



F20189000



AF2 Drum/IBC Adaptor/Suction Pipe - With Filter

- Suitable with diesel, light oils, AdBlue® & water.
- Connects to drums or intermediate bulk containers (IBC).
- Includes: built in filter, venting system, non-return valve keeps the pump primed. 3-piece suction pipe up to 1050mm long.
- Outlet 19mm hose tail 90° elbow.
- **Options:** Choose Trisure 56x4 or 2" BSP versions.

Stk Code	Description	List £
F20189000	Trisure drum/IBC adaptor/suction pipe kit	38.42
F20257000	2" BSP drum/IBC adaptor/suction pipe kit	38.42

Notes

Foot Valve & Strainer

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Domestic Bowl Filters

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Bowl Filters - Standard & High Speed

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Piusi Oil, Fuel & Water Captor Filters

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Cim-Tek Filter Range

72 - 77



2 Micron Water/Particle Filters

74, 76



Filter Cartridges & Transfer Units

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Fuel Tests & Pre-Filter Fuel Conditioners

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Tank Re-Circulation/ Fuel Conditioner Kits

80 - 81



Tank Dryers/Soakers

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NEW PRODUCTS

82





DIESEL
WATER

Foot Valve & Strainer

- Suitable with diesel, biodiesel up to B30 or water.
- Combined foot valve & strainer. Brass body with a steel strainer.
- Spring loaded valve poppet. Box quantity 10.
- **For inline non-return valves without strainers see Heating Oil & Fuel Tank Equipment section page 149.**

FOOT.1A

Stk Code	Description	Micron	Ports	List £
FOOT.1A	1" foot valve/strainer - brass	1000	1" F BSPP	9.15



ADBLUE® DEF
DIESEL
OIL
WATER

Foot Valve & Strainer

- Suitable with AdBlue®, diesel, oil & water.
- Combined foot valve & strainer.
- Stainless steel strainer with a thermoplastic body.
- Spring loaded valve poppet.
- Strainer can be removed to use as a 1" F BSPP check valve.

FOOT.1ABP

Stk Code	Description	Micron	Ports	List £
FOOT.1ABP	1" foot valve/strainer - thermoplastic	1000	1" F BSPP	19.69



ADBLUE® DEF



DIESEL
WATER

Y Type Strainer

- Suitable with diesel, biodiesel up to B30 or water.
- Inlet/outlet in direct line, threaded F BSPP.
- Brass body with stainless steel strainer mesh.
- **YSTR.1S** 1" stainless steel body version.

YSTR.1S

YSTR.1

Stk Code	Description	Micron	Ports	List £
YSTR.1	1" Y strainer - brass	250	1" F BSPP	11.55
YSTR.1S	1" Y strainer - stainless steel	250	1" F BSPP	36.70
YSTR.15A	1½" Y strainer - brass	250	1½" F BSPP	19.05



OFV



OFVUC

DIESEL
HEATING OIL

Oil Tank Filter Valve Assembly

- Oil filter & lever action isolation valve. Outlet 10mm compression.
- Inlet ½" F BSPP swivel, c/w ½" male BSPP - 1" male BSPT tank adaptor.
- Weight 320g (without adaptor). Supplied in a bag c/w a reel of PTFE tape.
- **OFVUC** as OFV with ¼ turn valve built into the 1" M tank adaptor & is 10mm longer.
- **UCFTV** with ¼ turn valve built into the 1" M tank adaptor (no filter or valve handle).

UCFTV

Stk Code	Description	Micron	Ports	Max Flow	List £
OFV	Oil filter/valve assembly	50	½" F BSPP - 1" M BSPT	151 L/hr at 1m head	20.89
OFVUC	As above with ¼ turn valve built into the adaptor	50	½" F BSPP - 1" M BSPT	151 L/hr at 1m head	25.49
OFV.F	Spare filter	50	-	-	7.86
UCFTV	Ultra compact fuel tank valve only	-	½" M BSPP - 1" M BSPT	-	13.01

Bowl Filter - FAG

FAG

- BIOFUEL
- DIESEL
- HEATING OIL



OF1/2A

- Aluminium bowl filters for small bore fuel lines.
- Unscrew bowl from head to remove filter basket.

Stk Code	Description	Micron	Ports	Max Pressure	Max Temp	List £
OF3/8A	3/8" FAG	100	3/8" F BSPP	29psi (2 bar)	90°C	12.12
OF1/2A	1/2" FAG	100	1/2" F BSPP	29psi (2 bar)	90°C	22.21

Bowl Filter - Crossland Style

- BIOFUEL
- DIESEL
- HEATING OIL
- KEROSENE



Unique design

OF3/8CG

- An industry standard oil filter with 2 hole mounting bracket.
- Aluminium bowl filters for small bore fuel lines. Choose 1/4" or 3/8" ports.
- **Unique design means no loss of fuel when replacing filter:** This product has been engineered so when the bowl is removed the oil in the filter bowl is contained & does not leak through the screw hole at the bottom. Unscrew the bowl from the head to remove the filter basket.
- **Spare filters available:** choose OFCF red old bowl filter & OFCFG green new bowl filter. **IMPORTANT:** these spare filters are not interchangeable.

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
OF1/4CG	1/4" kit - replaces OF1/4CS (18489)	10	1/4" F BSPP	50psi (3.4 bar)	20L/hr	21.48
OF3/8CG	3/8" kit - replaces OF3/8CS (19489)	10	3/8" F BSPP	50psi (3.4 bar)	20L/hr	21.48
OFCFG	Spare filter GREEN bowl (fits above kits only)	10	-	-	-	4.92
OFCF	Spare filter RED bowl (489)	10	-	-	-	4.92

Angled Filter

- DIESEL
- HEATING OIL



NEW PRODUCT

SPT.FILTA

- Suitable with diesel or biodiesel up to B5 & light oils.
- Ideal to fit on our fuel transfer pumps to protect the pump chamber. See pages 94 & 102.
- Can be used to change the pump inlet/outlet direction, remove the filter if used on the outlet.
- Aluminium body.

Stk Code	Description	Micron	Ports	List £
SPT.FILTA	Angled inlet filter	100	1" F BSPP or flanged	18.05

Bowl Filter - High Speed

- DIESEL



FFILT.15

- Suitable with diesel or biodiesel up to B30.
- Heavy duty cast aluminium inline bowl filter.
- Stainless steel basket strainer.
- Fitted with bottom drain plug.
- 190mm between the port faces, 250mm high.

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
FFILT.15	1 1/2" 300L/min 180 micron	180	1 1/2" F BSPT	94psi (6.5 bar)	300L/min	251.26



PROLUBE Bowl Filter - Particle Only

DIESEL

- Suitable with diesel. Fits on outlet side only.
- Cast aluminium head with see through polycarbonate bowl.
- Disposable filter elements remove particle contamination.
- Fitted with bottom plug for draining water.
- Optional 40 or 80 mesh strainer element available (FFILT.EL40/80).
- **NEW** kits for petrol, B100 & fuels with additives, see page 82.

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
FFILT.KIT2	Kit particle (495)	10	1" F BSPP	150psi (10 bar)	100L/min (gravity 45L/min)	48.97
FFILT.EL2	Particle element	10	-	150psi (10 bar)	100L/min (gravity 45L/min)	10.24
FFILT.EL40	Strainer (40 mesh)	-	-	150psi (10 bar)	100L/min (gravity 45L/min)	32.78
FFILT.EL80	Strainer (80 mesh)	-	-	150psi (10 bar)	100L/min (gravity 45L/min)	36.61



PROLUBE Bowl Filter - Water/Particle

B100

DIESEL

- Suitable with diesel or biodiesel up to B30.
- Fits on outlet side only.
- Cast aluminium head with see through polycarbonate bowl.
- Disposable filter elements remove water & particle contamination.
- Fitted with bottom plug for draining water.
- **NEW** kits for petrol, B100 & fuels with additives, see page 82.

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
FFILT.KIT2W	Kit water/particle (496)	10	1" F BSPP	150psi (10 bar)	100L/min (gravity 45L/min)	57.06
FFILT.ELW2	Water/particle element	10	-	150psi (10 bar)	100L/min (gravity 45L/min)	20.49



Bowl Filter Elements & Spare Parts

- Stainless steel strainer:
40 mesh FFILT.EL40 (470-15). 80 mesh FFILT.EL80 (470-16).
- Spare head FFILT.CAP (470-3). Spare bowl FFILT.BOWL (495-4).
- Bowl wrench FFILT.WP (491).

Stk Code	Description	List £
FFILT.EL40	Strainer (40 mesh)	32.78
FFILT.EL80	Strainer (80 mesh)	36.61
FFILT.CAP	Spare head	20.01
FFILT.BOWL	Spare bowl	32.45
FFILT.WP	Bowl wrench	7.66



CIM-TEK Pump Filter - Particle Only

DIESEL

PETROL

- Suitable with diesel & petrol. Removes particles only.
- Fits on the outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 260 series** (HYD.HDF).
- **Suitable for use with petrol.**

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
PART.KITS	Kit 50L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	50L/min	34.65
CT70010	Element 10 micron (70010)	10	-	50psi (3.4 bar)	50L/min	13.91
CT70012	Element 30 micron (70012)	30	-	50psi (3.4 bar)	50L/min	13.91

Gravity/Pump Filter - Particle Only High Speed

- Suitable with diesel & petrol. Removes particles only.
- Fits on the outlet side only. For gravity feed tanks or pumps.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 400 series** (HYDRA.HSHD).
- **Suitable for use with petrol.**



- DIESEL
- PETROL



PART.KITH

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
PART.KITH	Kit 80L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	80L/min	43.14
CT70015	Element 10 micron (70015)	10	-	50psi (3.4 bar)	80L/min	19.89
CT70016	Element 30 micron (70016)	30	-	50psi (3.4 bar)	80L/min	19.89

Pump Filters - Particle Only (High Pressure)

- Suitable with diesel, oil & petrol. Removes particles only.
- Fits on the suction or outlet side. For use with pumps only.
- Aluminium head with spin on filter element.
- Replacement head = F14528000 (60L/min) CTH1813 (100L/min).
- Ideal when high pressure is required, max pressure 174psi (12 bar).



- DIESEL
- KEROSENE
- OIL
- PETROL



F0777200A

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
F0777200A	Kit 60L/min 10 micron	10	1" F BSPP	174psi (12 bar)	60L/min	47.71
F00611000	Element 10 micron (CF60)	10	-	174psi (12 bar)	60L/min	20.52
F0914900A	Kit 100L/min 10 micron	10	1" F BSPP	174psi (12 bar)	100L/min	73.44
F09359000	Element 10 micron (CF100)	10	-	174psi (12 bar)	100L/min	41.66

Captor Pump Filter - Water/Particle

- Suitable with diesel & petrol. Removes water & particles.
- Fits on outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Kit consists of head & **two elements** (CFD 70-30 / F00611010).
- Replacement head CTH1801 (Hytek ref HYD.HDF).
- **Note:** Cim-Tek 260 series elements also fit this head (HYD.HDF).



- DIESEL
- KEROSENE
- PETROL



F00611A00

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
F00611A00	Kit 70L/min includes 2 elements	30	1" F BSPP	50psi (3.4 bar)	70L/min	109.31
F00611010	Element 30 micron (CFD 70-30)	30	-	50psi (3.4 bar)	70L/min	41.94

Captor Pump Filter Ultra High Capacity - Water/Particle

- Suitable with diesel & petrol. Removes water & particles.
- Fits on outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Replacement head CTH1813.



- DIESEL
- KEROSENE
- PETROL



F00611A10

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
F00611A10	Kit 150L/min 30 micron	30	1" F BSPP	50psi (3.4 bar)	150L/min	139.70
F00611020	Element 30 micron (CFD 150-30)	30	-	50psi (3.4 bar)	150L/min	89.98



Pump Filter - Water/Particle

HYD.PKIT

- Suitable with diesel & petrol. Removes water & particles.
- Fits on outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 260 series** (HYD.HDF).
- **Suitable for use with petrol.**

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKIT	Kit 70L/min 30 micron	30	1" F BSPP	50psi (3.4 bar)	70L/min	64.23
HYDRA.EL2	Element 30 micron (70067)	30	-	50psi (3.4 bar)	70L/min	39.86
HYD.PKIT10	Kit 70L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	70L/min	66.38
HYDRA.EL10	Element 10 micron (70062)	10	-	50psi (3.4 bar)	70L/min	39.86
HYD.ELB	B100 element 10 micron (70236)	10	-	50psi (3.4 bar)	70L/min	56.41

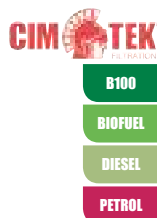


Pump Filter - Water/Particle 2 Micron

HYD.PKIT2

- Fuel filtration is more important due to modern engines & critical power situations/generator tanks. This 2 micron filter removes water & particles.
- Suitable with diesel, petrol or biodiesel up to B100.
- Fits on the outlet side only. For use with pumps.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 260 series** (HYD.HDF).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKIT2	Kit 70L/min 2 micron	2	1" F BSPP	50psi (3.4 bar)	70L/min	81.34
HYD.ELB2	Element 2 micron (70232)	2	-	50psi (3.4 bar)	70L/min	71.05



Pump Biodiesel Filter - Water/Particle

HYD.PKITB

- Suitable with diesel, petrol or biodiesel up to B100. Removes water & particles.
- Fits on outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 260 series** (HYD.HDF).
- **Suitable for use with petrol.**

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKITB	Kit 70L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	70L/min	80.20
HYD.ELB	Element 10 micron (70236)	10	-	50psi (3.4 bar)	70L/min	56.41



Compact Gravity/Pump Filter - Water/Particle

HYD.GK10S

- Suitable with diesel. Removes water & particles.
- Short design makes it ideal to fit in tight spaces/tank cabinets.
- Fits on outlet side only. For gravity feed tanks or pumps.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 400 series** (HYDRA.HSHD).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.GK10S	Kit compact 80L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	80L/min	56.11
HYD.ELG10S	Element 10 micron (70060)	10	-	50psi (3.4 bar)	80L/min	33.00

Gravity/Pump Filter - Water/Particle



- Suitable with diesel. Removes water & particles.
- Fits on outlet side only. For gravity feed tanks or pumps.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 400 series** (HYDRA.HSHD).

HYD.GK

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.GK	Kit 100L/min 30 micron	30	1" F BSPP	50psi (3.4 bar)	100L/min	80.80
HYD.ELG	Element 30 micron (70076)	30	-	50psi (3.4 bar)	100L/min	54.18
HYD.GK10	Kit 100L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	100L/min	80.80
HYD.ELG10	Element 10 micron (70075)	10	-	50psi (3.4 bar)	100L/min	54.18

Pump High Capacity Filter - Water/Particle



- Suitable with diesel. Removes water & particles.
- Fits on outlet side only. For use with pumps only.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 400 series** (HYDRA.HSHD).

HYD.PKITH

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKITH	Kit 120L/min 30 micron	30	1" F BSPP	50psi (3.4 bar)	120L/min	96.29
HYD.HSEL	Element 30 micron (70043)	30	-	50psi (3.4 bar)	120L/min	66.21
HYD.PKITH10	Kit 120L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	120L/min	96.29
HYD.HSEL10	Element 10 micron (70098)	10	-	50psi (3.4 bar)	120L/min	66.21

Pump Fuel Bowser Element - Particle Only



- Fitted to some fuel bowsers. For use with pumps only.
- We offer the replacement element only (not the head/kit).
- High capacity pump element (similar in size to 800 series).
- Suitable with diesel & lubricating oils.
- Removes particles only. (Element part ref: CT70345).
- Replacement head **Cim-Tek 41 series** (not available to UK spec).

CT70345

Stk Code	Description	Micron	Max Pressure	Max Flow	List £
CT70345	Element 14 micron (CT70345)	14	100psi (6.9 bar)	150L/min	61.38

Gravity/Pump Filter Element Only - Water/Particle



- Fitted to some existing gravity feed installations.
- We offer the replacement element only (not the head/kit).
- **The head is no longer manufactured.**
- Suitable with diesel.
- Removes water & particles.

GRAV.EL2

Stk Code	Description	Micron	Max Pressure	Max Flow	List £
GRAV.EL2	Element 30 micron (70066)	30	50psi (3.4 bar)	70L/min	42.37



Gravity/Pump High Capacity Filter - Water/Particle

HYD.PKHC

- Suitable with diesel. Removes water & particles.
- Fits on outlet side only. For use with pumps & gravity feed tanks.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 800 series** (HYD.HDA800).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKHC	Kit 110L/min 30 micron	30	1" F BSPP	50psi (3.4 bar)	110L/min	126.20
HYD.EL800	Element 30 micron (70068)	30	-	50psi (3.4 bar)	110L/min	81.88
HYD.PKHC10	Kit 110L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	110L/min	126.20
HYD.EL10800	Element 10 micron (70063)	10	-	50psi (3.4 bar)	110L/min	81.88
HYD.EL800B	B100 element 10 micron (70042)	10	-	50psi (3.4 bar)	110L/min	102.40



Gravity/Pump High Cap Filter - Water/Particle 2 Micron

HYD.PKHC2

- Fuel filtration is more important due to modern engines & critical power situations/generator tanks. This 2 micron filter removes water & particles.
- Suitable with diesel, petrol or biodiesel up to B100.
- Fits on the outlet side only. For use with pumps & gravity feed tanks.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 800 series** (HYD.HDA800).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKHC2	Kit 110L/min 2 micron	2	1" F BSPP	50psi (3.4 bar)	110L/min	145.63
HYD.EL800B2	Element 2 micron (70037)	2	-	50psi (3.4 bar)	110L/min	103.32

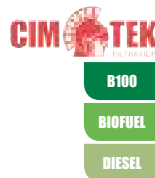


Gravity/Pump Ultra High Capacity Filter - Water/Particle

HYD.PKUC

- For ultra high speed applications up to 150L/min. Removes water & particles.
- Suitable with diesel.
- Fits on outlet side only. For use with pumps & gravity feed tanks.
- Aluminium head with disposable spin on filter element.
- Replacement head **Cim-Tek 800 series** (HYD.HDA800U).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKUC	Kit 150L/min 30 micron	30	1½" F BSPP	50psi (3.4 bar)	150L/min	132.75
HYD.EL800	Element 30 micron (70068)	30	-	50psi (3.4 bar)	150L/min	81.88
HYD.PKUC10	Kit 150L/min 10 micron	10	1½" F BSPP	50psi (3.4 bar)	150L/min	132.75
HYD.EL10800	Element 10 micron (70063)	10	-	50psi (3.4 bar)	150L/min	81.88



Gravity/Pump Bio High Capacity Filter - Water/Particle

HYD.PKHCB

- Suitable with diesel or biodiesel up to B100. Removes water & particles.
- Fits on outlet side only. For use with pumps & gravity feed tanks. (150L/min option).
- Aluminium head with disposable spin on filter element.
- **Spare element also fits 150L/min head** (HYD.HDA800U).
- Replacement head **Cim-Tek 800 series** (HYD.HDA800).

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
HYD.PKHCB	Kit 110L/min 10 micron	10	1" F BSPP	50psi (3.4 bar)	110L/min	143.86
HYD.EL800B	Element 10 micron (70024)	10	-	50psi (3.4 bar)	110L/min	102.40
HYD.HDA800U	150L/min head 1½" F BSPP	10	1½" F BSPP	50psi (3.4 bar)	150L/min	54.77

Pump Filter Cartridges - Particle Only



AS-310/90

- Ideal to replace filter cartridges in petrol station pumps. Removes particles only.
- Choose from the two versions below:

25 micron (AS-310/90) fully interchangeable with OEM filters listed below:

Gilbarco/Salzotten: 140 418 066. Dresser Wayne: 1 492 217.

Schlumberger: 695 280. Tokheim: 95080 12 343.

Scheidt und Bachmann: 85 03840.

10 micron (AS-313/90) fully interchangeable with OEM filters listed below:

Gilbarco/Salzotten: 140 418 056. Dresser: 1 492 209.

Schlumberger: 695 279. Tokheim: 95080 12 342.

Scheidt und Bachmann: 85 04074.

Stk Code	Description	Micron	Height	OD	List £
AS-310/90	25 micron cartridge	25	90mm	100mm	12.66
AS-313/90	10 micron cartridge	10	90mm	100mm	12.66

Pump Filter Elements - Particle Only



CT70010

CT70015

- For use with pumps only. Ideal for petrol station pumps. Removes particles only.
- Aluminium head.
- CT70010/12 for use with: Gilbarco & Dresser Wayne.
- CT70015 for use with:
Gilbarco R18189-10, Salzotten 140-593-564, Dresser Wayne.
- CT70016 for use with:
Gilbarco R18189-30, Salzotten 140-632-746, Dresser Wayne.
- Suitable for use with petrol.

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
	Standard speed 260 series (Head = HYD.HDF)					
PART.KITS	Kit 50L/min - 10 micron	10	1" F BSPP	50psi (3.4 bar)	50L/min	34.65
CT70010	Element 10 micron (70010)	10	-	50psi (3.4 bar)	50L/min	13.91
CT70012	Element 30 micron (70012)	30	-	50psi (3.4 bar)	50L/min	13.91
	High speed 400 series (Head = HYDRA.HSHD)					
PART.KITH	Kit 80L/min - 10 micron	10	1" F BSPP	50psi (3.4 bar)	80L/min	43.14
CT70015	Element 10 micron (70015)	10	-	50psi (3.4 bar)	80L/min	19.89
CT70016	Element 30 micron (70016)	30	-	50psi (3.4 bar)	80L/min	19.89

Depuroil Filter & Transfer Unit



WO.DEP

Depuroil is the ideal tool for decontaminating oil by removing suspended particles. The filtering unit is composed of a volumetric vane pump that extracts the oil to be purified, sending it through a high-filtering capacity cartridge filter that removes the impurities.

- Suitable with oils up to SAE 90. Removes suspended particles.
- Depuroil filter & 230V transfer pump.
- Portable c/w suction & outlet hose.
- **Option:** 110V (WO.DEP.110).

Stk Code	Description	Micron	Max Flow	List £
WO.DEP	Oil filtration system 230V (50300A)	10	25L/min	655.39
WO.DEPF	Replacement filter (611000)	10	-	20.52
WO.DEP.110	Oil filtration system 110V (50302A)	10	25L/min	696.59



Contaminated fuel sample

Why Do You Need To Test Fuel

- Contaminated fuel inside storage tanks can cause pump or vehicle filters to block, in some cases resulting in hefty repair bills.
- These issues are caused by microbial contamination (often known as diesel bugs which are micro-organisms that grow on water present in fuel) biofuel is hygroscopic (attracts water).
- The latest fuels contain a % of biofuel (up to 7%) & provide an ideal breeding ground for these bugs.
- Even a small % of biofuel acts as a detergent cleaning the inside of storage tanks & pipework allowing dirt/sludge to be sucked up by pumps, blocking filters. This sludge also contributes to poor emissions (seen as black exhaust smoke).
- Over time these microbes/bugs grow into large colony forming units (CFUs) which get sucked into fuel lines blocking filters.
- Microbial contamination is mostly seen as sludge that forms in the bottom of storage tanks & filters.



FSP

Laboratory Test For Fuel Bugs - Looks For Microbes

- Our APT test measures the quality of living cells in a 500ml fuel sample.
- The test measures the total quantity of microbiological activity.
- Our sample kit (FSP) includes a bottle, instructions, packaging & return address label to us. Our carrier will collect it from you/your customer.
- **The test must be completed within 48hrs of the sample being taken otherwise the test is inaccurate.**
- You then receive a test report on the contamination level, giving a traffic light warning sequence along with recommendations (FST):
 - Green low < 10pg/ml.
 - Amber medium < 100pg/ml.
 - Red high > 100pg/ml.
- Our test procedures follow ASTM D7463-08 - Standard test method for Adenosine Triphosphate (cATP) content of micro-organisms in fuel, fuel / water mixtures & fuel associated water. ¹ Cellular Adenosine Triphosphate (cATP) is considered to be the energy stored by cells & is present in every living cell. Our test measures cATP in picograms per millilitre (pg/mL). ² Picograms per millilitre (pg/mL) is trillionths of a gram per millilitre. 1pg = 1 trillionth of a gram (1.0 x 10⁻¹²g), 1mL = 1 millilitre (1.0 x 10⁻³L).



Microbe Analysis - Part of FST

This test report also includes the two editions below:

Biodiesel % Analysis

- Tests the % of biodiesel present in a fuel sample.

Microscope Analysis

- Powerful x 1600 magnification makes it possible to view microbes present within fuel samples. Digital camera means photographic evidence is saved as part of test report.

Stk Code	Description	List £
FSP	Fuel sampling kit includes carrier collection from site	24.58
FST	Fuel test & report includes bio content % & image of microbes	163.43

Pre-Filter Fuel Conditioner - 1"

This is the perfect pre-filter fuel conditioner for fitting to fuel dispensers.

- Requires no power & little maintenance.
- Weight: 1.4kgs.
- Dimensions: 130mm W, 50mm D, 135mm H.
- Fixing centres: 95mm.
- **Option:** ALP.PFFC fits on the suction inlet of cabinet pumps in place of flex connector.



Stk Code	Description	Ports	Max Pressure	Max Flow	List £
PFFC	Pre-filter fuel conditioner 1" (replaces FM.ISO25)	1" F BSPP	100psi (6.9 bar)	85L/min	270.11
ALP.PFFC	Pre-filter fuel conditioner 1½" (replaces ALPHA.FM)	1½" F BSPT	100psi (6.9 bar)	85L/min	327.05

Pre-Filter Fuel Conditioners - The Facts

- Petroleum diesels typically hold 60ppm of suspended water. At this level the water is almost insignificant. Provided the fuel is regularly used & replenished microbial contamination is rarely a problem. Biodiesels typically hold up to 25 times more suspended water than petroleum diesel. The introduction of biodiesel & biodiesel blend fuels in recent years has greatly increased the potential for problems. Biodiesel is a perfect habitat for vigorous microbial growth.
- The time fuel is exposed to condensation & leaks or time in undisturbed storage before proliferation begins is dramatically reduced. Today's biofuels deteriorate much faster than their petroleum forebears. Colony Forming Units of bacteria grow on the water-fuel interface becoming heavier until they drop out of the fuel to the bottom of the tank where biofilms & sludge quickly form.
- The bacteria feed on the fuel, but the microbes do not eat 'all' of the fuel. They break down the carbon chains, which reduces the combustible properties. This leads to poor starting (or failure to start at all), excessive smoke, reduced power output & blocked filters.



Microbial contamination

Pre-Filter Fuel Conditioners

- A safe solution for curbing microbial contamination is to pass the fuel through a pre-filter fuel conditioner. This is a natural solution that, instead of killing the microbes, splits up the microbial colony forming units (CFUs) stopping them from reforming & allowing them to pass safely through filters (prolonging filter life) & eventually being burnt off with the fuel during the normal combustion process.
- Contains a powerful magnet which will remove rust or other metallic particles contained within fuel being passed through it. To clean the magnets of metallic contamination simply remove the conditioner from the installation & blow the contamination off with an air line.

How Pre-Filter Fuel Conditioners Work

- The hydrodynamic effect the pre-filter fuel conditioners have on the fuel flow path passing through them causes CFUs to break down.
- Allows them to pass through filters & are consumed by the engine during combustion.
- A powerful magnet aids the hydrodynamic effect as well as removing metallic contamination (such as rust) from fuel & CFUs being passed through it.



Blocked foot valve




Microbial contamination

Why Re-Circulate/ Fuel Condition Fuel?

- Contaminated fuel inside storage tanks can cause pump or vehicle filters to block, in some cases resulting in hefty repair bills.
- These issues are caused by microbial contamination (often known as diesel bugs which are micro-organisms that grow on water present in fuel) biofuel is hygroscopic (attracts water).
- The latest fuels contain a % of biofuel (up to 7%) & provide an ideal breeding ground for these bugs.
- Even a small % of biofuel acts as a detergent cleaning the inside of storage tanks & pipework allowing dirt/sludge to be sucked up by pumps, blocking filters. This sludge also contributes to poor emissions (seen as black exhaust smoke).
- Over time these microbes/bugs grow into large colony forming units (CFUs) which get sucked into fuel lines blocking filters.
- Microbial contamination is mostly seen as sludge that forms in the bottom of storage tanks & filters.
- Storage tanks, particularly those with low usage, require a permanent system to keep the microbes/bugs dormant by re-circulating the fuel to ensure an efficient microbial treatment.


NEW PRODUCT



DIESEL

HEATING OIL

INTERNAL VIEW



100 micron particle filter

Pre-filter fuel conditioner

Water drain tap

Pressure switch

230V Pump

RKDT

Day Tank Re-Circulation/Fuel Conditioner Kit

- Better fuel filtration is becoming more important due to modern engines & critical power situations ie generator tanks that often have smaller capacity day tanks where the fuel also requires re-circulating & conditioning.
- This kit recirculates & conditions fuel preventing fuel degradation inside the day tank or any tank up to 1,000 litre capacity.
 - Ideal for use on generator day tanks when fuel is not used often or when its critical that the fuel is kept fresh at all times.
 - The fuel passes through a pre-filter conditioner, to prevent microbial growth incorporating a 100 micron particle filter & water drain tap makes draining excess water off easy.
 - Fuel is automatically circulated to ensure the tank content is recirculated 1.5 times every 28 days.
 - 230V pump. Power consumption 110Ma. Pump dB rating 68.
 - Alarms, the red LED on the front panel indicates either excess water (water sensor) or a blocked filter (low flow sensor). Both will stop the pump. A 230V output then activates when either status is triggered (can be connected to our remote warning device RWD2 - see page 163).
 - When red LED is lit, check water filter & drain off any water. When this red LED blinks check the particle filter. Then start the pump until fuel reaches the pump, the equipment is ready to operate in automatic mode.
 - Timer operates 4 hours continuously 7 days a week (starts when you press the start button on the front panel).
 - **If sited outside a weatherproof cover must be fitted.**
 - Dimensions 310mm H x 240mm W x 130mm D.
 - Inlet/Outlet 1/4" F BSP (use 10mm pipe). Water drain outlet 1/8" F BSP.
 - **Important: Must be installed above the maximum level of the tank.**

Stk Code	Description	Max Flow	Micron	List
RKDT	For day tanks up to 1000L, pump dB rating 68	40L/hr	100	1289.08

Fuel Storage Tank Re-Circulation/Fuel Conditioner Kits

Better fuel filtration is becoming more important due to modern engines & critical power situations i.e. generator & transport bulk fuel storage tanks.

How Do These Kits Work:

- These kits recirculate & condition fuel preventing fuel degradation inside the storage tank. **Over 450 in use worldwide.**
- Ideal for use on storage tanks when fuel is not used often or when its critical that the fuel is kept fresh, in fact any bulk fuel storage tank installation.
- The fuel passes through a pre-filter conditioner to prevent microbial growth.
- Fuel is automatically circulated for a preset number timed periods to ensure the tank content is recirculated 1.5 times every 28 days.
- Optional filters, water & particle removal 10 micron – 2 micron.
- Choose our standard (RK) kit or advanced kit (RKA).

Standard Kit (RK) Specification

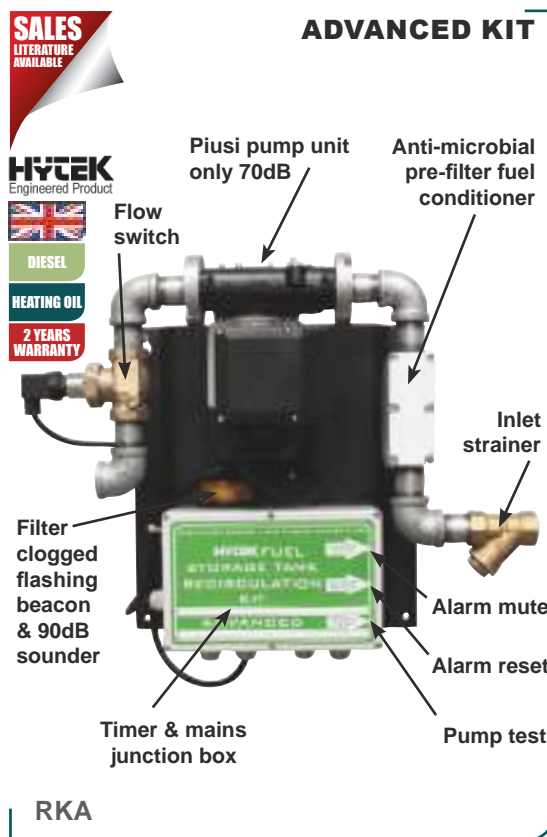
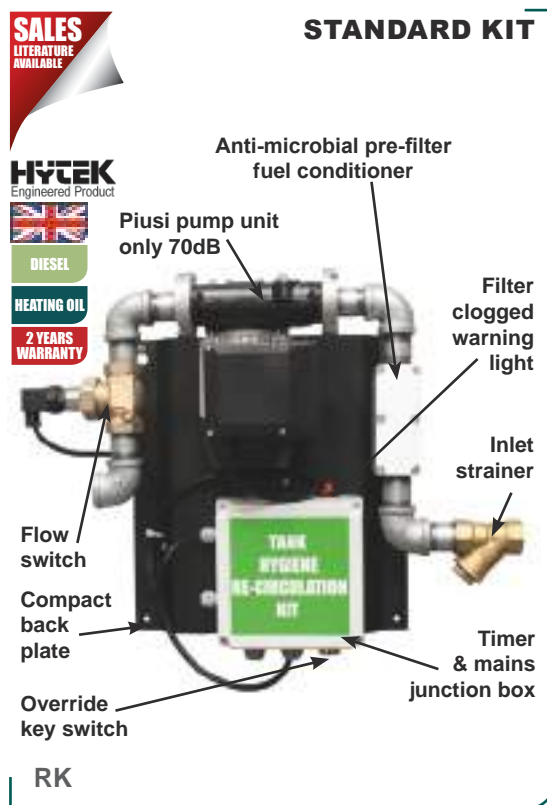
- 230V pump. - Inlet strainer 250 micron
- Fuel conditioner. - Flow switch.
- Timer (fully adjustable). - Mains junction box.
- Wall/tank mount plate. - Weatherproof for outdoor use.
- Can be linked to our remote warning device see page 163.
- External alarm outputs, rated at 230VAC 10A max.
- Pump rate drops indicates a clogged filter, flow switch closes & a warning light flashes.

Advanced kit (RKA) Extra Specification

- As the above (RK) kit plus:
- Large powerful flashing beacon. - Sounder 90dB.
- Test button. - Mute button – stops sounder however leaves the beacon flashing.
- Cancel/reset button – cancels the alarm when pressed but when the pump run cycle starts again it will alarm again if the fault has not been rectified.
- Pump running/pump stop outputs (passive contacts) for connection to BMS system.
- When the pump flow rate drops below a preset limit (indicating a clogged filter) the flow switch closes & a warning light flashes & a sounder also activates together with a powerful flashing beacon.

Optional Filtration

We offer a 10 micron particle/water filter kit clear bowl assembly (RKF). Customers have requested better filtration & also larger contamination holding capacity filters, we now offer a 2 micron standard capacity (RKF2) & a 2 micron high capacity (RKF2H) particle/water removal kits.



Stk Code	Description	Micron	dB Rating	List £
RK	Up to 65,000L tanks (5,000L per day) (Replaces FM.RKS/FM.RKH)	250	-	1689.49
RKA	Up to 65,000L tanks (5,000L per day)	250	90 (alarm)	1881.51
FM.RK.F	Particle/water filter kit assembly clear bowl (includes filter wrench)	10	-	65.66
RKF2	Particle/water filter kit assembly spin on standard capacity Cim-Tek	2	-	107.41
RKF2H	Particle/water filter kit assembly spin on high capacity Cim-Tek	2	-	159.45



- BIOFUEL
- DIESEL
- HEATING OIL
- KEROSENE
- PETROL

Tank Water Soakers - Absorbs Water

- Condensation occurs in all fuel storage tanks & causes contamination in the form of water that settles on the bottom of the tank.
- Lower the water soaker into the tank, attach using the 3m cord. (Must sit on the bottom of the tank).
- When water is fully absorbed the nylon bladder expands into the mesh tube.
- Check monthly. All versions are 300mm long.

WS3

Stk Code	Description	List £
WS2	Absorbs 489ml, 56mm diameter	19.33
WS3	Absorbs 1.59L, 100mm diameter	23.81



- BIOFUEL
- DIESEL
- HEATING OIL
- KEROSENE
- PETROL

Tank Dryer - Absorbs Water

- Condensation occurs in all fuel storage tanks & causes contamination in the form of water that settles on the bottom of the tank.
- Lower the tank dryer into the tank, attach using the 2.5m cord. (Must sit on the bottom of the tank).
- Has a stainless steel rod/weight inside.
- When water is fully absorbed the tank dryer swells. Check monthly.
- Ideal for use in vehicle & domestic storage tanks.
- 600mm long, diameter when full 40mm.

TD

Stk Code	Description	List £
TD	Absorbs 350ml (60038), 40mm diameter	12.60

NEW PRODUCTS



- DIESEL
- HEATING OIL

Day Tank Re-Circulation/Fuel Conditioner Kit

- Better fuel filtration is becoming more important due to modern engines & critical power situations i.e. generator tanks that often have smaller capacity day tanks where the fuel also requires re-circulating & conditioning.
- This kit recirculates & conditions fuel preventing fuel degradation inside the day tank or any tank up to 1,000 litre capacity.
- Ideal for use on generator day tanks when fuel is not used often or when it's critical that the fuel is kept fresh at all times. **See page 80 for full details.**

RKDT

Stk Code	Description	List
RKDT	For day tanks up to 1000L, pump dB rating 68	1289.08



- B100
- DIESEL
- KEROSENE
- PETROL

Bowl Filter - Dark Isoplast Bowl - For Petrol/B100

- **NEW** has an Isoplast bowl making it suitable for use with petrol, biodiesel, fuels with additives & ethanol or methanol blended fuels.
- Fits on outlet side only. Cast aluminium head. Disposable filter elements.
- Fitted with bottom plug for draining water.
- Choose particle only or water & particle kits (see page 72 for spare elements).

FFILT.KIT2D

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List
FFILT.KIT2D	Dark bowl kit particle (495)	10	1" F BSPP	150 psi (10 bar)	100L/min (gravity 45L/min)	52.51
FFILT.KIT2WD	Dark bowl kit water/particle (496)	10	1" F BSPP	150 psi (10 bar)	100L/min (gravity 45L/min)	59.94

Mechanical Diesel Flow Meters

84 -85



Piusi Flow Meters Mechanical

84



Fill-Rite Flow Meters

85



High Flow Flow Meters

85



Inline Electronic Flow Meters

86 -87



Piusi Flow Meters Electronic

86 - 88



Flow Meters For AdBlue®

86, 87, 89



Electronic Flow Meters - Hytek Engineered

87



Electronic Flow Meters - Tecalemit

87



Oval Gear Flow Meters Mechanical/Digital

88 - 89



Low Flow Meters

88



NEW PRODUCTS

89



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HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

1" Flow Meter - 4 Digit



FM4A

- Suitable with diesel or biodiesel up to B30.
- Robust nutating disc flow meter.
- Aluminium housing.
- Adjustable calibration.
- Front face can be rotated in 90 degree increments.
- **Option:** FM4.P meter c/w 10:1 pulser fitted.
- **2 year warranty.**

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
FM4A	1" flow meter 4 digit	20 - 76L/min	+/- 2%	1" F BSPP	4 digit / 8 digit	50psi (3.5 bar)	103.64
FM4A.P	As above c/w pulser	20 - 76L/min	+/- 2%	1" F BSPP	4 digit / 8 digit	50psi (3.5 bar)	248.47

PIUSI

DIESEL

DIESEL

KEROSENE

PETROL



B100

OIL

1" Flow Meter Piusi K33 - 3 Digit



K33

K33.ATEX

K33O

- Suitable with diesel. **Versions available for oil/biodiesel & petrol.**
- Robust nutating disc flow meter.
- Aluminium housing.
- Adjustable calibration.
- Front face can be rotated in 90 degree increments.
- **Options:**
K33 = for diesel.
K33P = as above with 10:1 pulser for connection to a fuel management system.
K33.ATEX = ATEX certified for use with diesel, kerosene & petrol.
K33O = for oil & biodiesel up to B100.

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K33	1" for diesel	No	20 - 120L/min	+/- 2%	1" F BSPP	3 digit / 6 digit	50psi (3.5 bar)	138.31
K33P	K33 c/w pulser (Hytek Eng)	No	20 - 120L/min	+/- 2%	1" F BSPP	3 digit / 6 digit	50psi (3.5 bar)	283.13
K33.ATEX	1" for petrol	Yes	20 - 120L/min	+/- 2%	1" F BSPP	3 digit / 6 digit	50psi (3.5 bar)	236.85
K33O	1" for oil & biodiesel	No	20 - 120L/min	+/- 2%	1" F BSPP	3 digit / 6 digit	142psi (10 bar)	160.92

DIESEL

PIUSI

B100

1" Flow Meter Piusi K44 - 4 Digit



K44

- Suitable with diesel.
- Robust nutating disc flow meter.
- Aluminium housing.
- Adjustable calibration.
- Front face can be rotated in 90 degree increments.
- **Options:**
K44 = for diesel.
K44P = as above with 10:1 pulser for connection to a fuel management system.

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K44	1" flow meter 4 digit	20 - 120L/min	+/- 2%	1" F BSPP	4 digit / 8 digit	50psi (3.5 bar)	192.55
K44P	K44 c/w pulser (Hytek Eng)	20 - 120L/min	+/- 2%	1" F BSPP	4 digit / 8 digit	50psi (3.5 bar)	331.04

1" Flow Meter Fill-Rite - 3 Digit



- Suitable with diesel or biodiesel up to B30 & petrol.
- Some versions are ATEX certified (see below).
- Robust nutating disc flow meter.
- Adjustable calibration.
- Aluminium housing & cover.
- Front face can be rotated in 90 degree increments.
- **Option:** 807CL.P meter c/w 10:1 pulser fitted (not ATEX).
806CL c/w 400 micron strainer.
- **2 year warranty.**



807CL

806CL

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
807CL	1" flow meter 3 digit	Yes	19 - 75L/min	+/- 2%	1" F BSPT	3 digit / 6 digit	50psi (3.5 bar)	199.98
807CL.P	As above c/w pulser	No	19 - 75L/min	+/- 2%	1" F BSPT	3 digit / 6 digit	50psi (3.5 bar)	344.57
806CL	1" c/w strainer	Yes	19 - 75L/min	+/- 2%	1" F BSPT	3 digit / 6 digit	50psi (3.5 bar)	221.87

1½" Flow Meter Fill-Rite 901 - 4 Digit



- Suitable with diesel or biodiesel up to B30 & petrol.
- Some versions are ATEX certified (see below).
- Robust nutating disc flow meter.
- Adjustable calibration.
- Aluminium housing.
- Front face can be rotated in 90 degree increments.
- **Option:** 901.PULS10 meter c/w 10:1 pulser fitted (not ATEX).
- **2 year warranty.**



901.5AL

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
901.5AL	1½" flow meter 4 digit	Yes	25 - 150L/min	+/- 2%	1½" F BSPT	4 digit / 8 digit	50psi (3.5 bar)	345.80
901.PULS10	As above c/w pulser	No	25 - 150L/min	+/- 2%	1½" F BSPT	4 digit / 8 digit	50psi (3.5 bar)	399.96

1½" Electronic 1 - Fill-Rite 900D



Version c/w intrinsically safe barrier/pulser available on request

- Suitable with diesel or biodiesel up to B30 & petrol.
- Some versions are ATEX certified (see below).
- Robust nutating disc flow meter.
- Aluminium housing.
- Weight 2.9kg. Must be calibrated on site before use.
- Low battery indicator. Powered by 2 x AA batteries. Memory back up.
- Enters sleep mode when not in use to increase battery life.
- Front face can be rotated in 90 degree increments.
- **Option:** 901.5DP - meter c/w 10:1 pulser fitted (not ATEX).
- **2 year warranty.**



901.5D

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
901.5D	1½" electronic	Yes	25 - 150L/min	+/- 1.25%	1½" F BSPT	4 digit / 7 digit	50psi (3.5 bar)	382.13
901.5DP	As above c/w pulser	No	25 - 150L/min	+/- 1.25%	1½" F BSPT	4 digit / 7 digit	50psi (3.5 bar)	465.63

Includes brass inserts in ports



DIESEL

Accuracy +/- 0.5%

FMDI

1" Electronic Meter +/-0.5% Accuracy

- Suitable with diesel, biodiesel up to B30. Electronic display.
- Designed to fit in line with the delivery pipework. Requires on site calibration.
- Turbine flow meter. Powered by 2 x AA batteries (low battery indicator).
- Dimensions 117mm W x 68mm D x 72mm H. Lightweight yet robust. Weight 0.25kg.
- Period resettable totaliser, reset for weekly/monthly totals. Tank stock, enter quantity of fuel delivered into meter & it will deduct the metered amounts.
- Low stock alert, set a low stock level & it will alert you of this when first switched on flashes "stock alert" & the quantity displayed.
- Stores the last five transactions so you can recall them & shows a subtotal.

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
FMDI	1" electronic	10 - 150L/min	+/- 0.5%	1" F BSPP	6 digit / 6 digit	50psi (3.5 bar)	170.25



DIESEL

1" Electronic Meter Piusi - K24



K24



K24.A



K24.ATEX



K24.AP

DIESEL

KEROSENE

PETROL



- Suitable with diesel. Polyamide body, polypropylene turbine with flow rate indicator.
- Designed to fit in line with the delivery pipework or by the nozzle.
- Powered by 2 x AAA batteries (approx life 3 yrs).
- Dial face can be rotated in 90 degree increments.
- **Options:**
 K24 = polypropylene (includes socket).
 K24.A = aluminium, bi-directional flow can be measured both ways.
 K24.ATEX = aluminium, bi-directional & ATEX certified for diesel, kerosene & petrol.
 K24.AP = Pulse meter no display, aluminum, bi-directional & ATEX certified.
 K24.SKT = 1" stainless steel socket use to make a male thread female.

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K24	1" polypropylene	No	7 - 120L/min	+/- 1%	1" M/M or M/F BSPP	5 digit / 6 digit	145psi (10 bar)	172.28
K24.A	1" alum. bidirection	No	7 - 120L/min	+/- 1%	1" M/F BSPP	5 digit / 6 digit	300psi (20 bar)	182.82
K24.ATEX	1" alum. bidirection	Yes	7 - 120L/min	+/- 1%	1" M/F BSPP	5 digit / 6 digit	300psi (20 bar)	327.53
K24.AP	1" alum. pulse meter	Yes	7 - 120L/min	+/- 1%	1" M/F BSPP	No display	300psi (20 bar)	136.23
K24.SKT	1" stainless socket	-	-	-	1" BSPP	-	-	9.61



ADBLUE® DEF

WATER

1" Electronic Meter Piusi - K24 - AdBlue®



K24.AB



K24.ABP

- Suitable with AdBlue® & water.
- Polyamide body with polypropylene turbine.
- Designed to fit in line with the delivery hose or pipework.
- Powered by 2 x AAA batteries (approx life 3 yrs).
- K24.ABP - Pulsar: Reed switch (does not need an independent power supply). Max current 100Ma. Max voltage 28V. Single channel, 88 pulses per litre.
- Both versions include a stainless steel socket.

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K24.AB	1" AdBlue® flow meter	6 - 100L/min	+/- 1%	1" M/M or M/F BSPP	5 digit / 6 digit	145psi (10 bar)	177.45
K24.ABP	1" pulse meter	6 - 100L/min	+/- 1%	1" M/M or M/F BSPP	No display	145psi (10 bar)	131.44

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1" Electronic Meter - Hytek Quality

- We have been supplying these turbine meters for many years in our bespoke pump kits & have decided to offer these meters on their own.
- Designed to fit in line with the delivery pipework or by the nozzle.
- Dial face can be rotated in 90 degree increments.
- **Options:**
 FM.DA1 for diesel aluminium body, powered by 1 x CR2 battery included.
 FM.DNA for AdBlue® nylon body, powered by 1 x CR2 battery included.
- **2 year warranty.**



Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
FM.DA1	1" for diesel	10 -100 L/min	+/-1%	1" F BSPP	5 digit / 7 digit	145psi (10 bar)	105.10
FM.DN1	1" for AdBlue®	10 -100 L/min	+/-1%	1" F BSPP	5 digit / 7 digit	145psi (10 bar)	105.10

1" Electronic Meter Tecalemit - FMT3

We have added this flow meter to our range as it offers these unique features over other similar flow meters:

- One version is suitable for diesel, AdBlue®, water & antifreeze saves on stock holding, meaning you always have the correct type of meter in stock. **(if used with AdBlue® do not cross contaminate).**
- The display can be removed without the need to break any joints preventing leaks as it's fitted round a main flow tube, just remove the 4 back screws.
- 8 individual resettable totalisers memory slots & 1 ongoing non-resettable totaliser.
- Battery life approx. 5 years (flow qty 1,000,000L without using the backlight).
- Backlit display.
- Bi-directional flow.

Standard Specification:

- Turbine meter. POM body, high performance engineering polymer.
- Designed to fit in line with the delivery pipework or by the nozzle.
- Powered by 2 x AAA batteries (included). Low battery light. Flow rate indicator.
- Dimensions 123mm W x 52mm H x 85mm D. Dial face rotates in 90 degree increments.



Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
FMT3	1" electronic	5 -120 L/min	+/-1%	1" M BSPP	4 digit / 8 digit	145psi (10 bar)	154.63

1" Oval Gear Pulse Meter

- Suitable with AdBlue®, water & diesel. Robust oval gear pulse meter. No display.
- PEEK thermoplastic housing. Weight 0.5kg.
- Pulsar: Reed switch (does not need an independent power supply).
- Max current 10mA, max voltage 5.2V. Single channel 100 pulses per litre.
- **Easy to remove stainless steel back plate for servicing.**



Stk Code	Description	Flow Rate	Accuracy	Max Pressure	Ports	List £
FMOGABP	1" pulse meter	2 - 30L/min	+/- 0.5%	58psi (4 bar)	1" M BSPP	278.37

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K400/PM



K400

PIUSI 1/2" Oval Gear Meter Piusi - K400'S

- ANTIFREEZE
- DIESEL
- OIL

- Robust oval gear meters. Aluminium construction.
- Suitable for use with diesel, oil & antifreeze.

Options:

- **K400** (with display) no pulser. Powered by 2 x AA batteries.
- **K400/PM** (no display) pulse meter. Pulser: reed switch (does not need an independent power supply). Max current 100mA. Max voltage 28V. Single channel, 100 pulses per litre.

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K400	1/2" oval gear meter	1 - 30L/min	+/- 0.5%	1/2" F BSPP	5 digit / 8 digit	994psi (70 bar)	143.86
K400/PM	1/2" pulse meter	1 - 30L/min	+/- 0.5%	1/2" F BSPP	No display	994psi (70 bar)	117.10



- ANTIFREEZE
- DIESEL
- OIL



K600B/3P



K600/4PM



K600/3PM



- DIESEL

PIUSI 1" & 1 1/2" Oval Gear Pulse Meter Piusi - K600'S

- Robust oval gear meters with pulsed output. Aluminium construction. Pulser: reed switch (does not need an independent power supply).

Options:

- **K600/3PM** suitable with diesel. (no display). Max current 100Ma. Max voltage 28V. Single channel, **33.5** pulses per litre.
- **K600/4PM** suitable with diesel, biodiesel up to B20 & oils (no display). Max current 100Ma. Max voltage 28V. Single channel, **35** pulses per litre.
- **K600B/3P** suitable with diesel c/w display. Powered by 2 x AA batteries. Max current 100Ma. Max voltage 28V. Single channel, pulses per litre select **1, 2, 5, 10, 20, 50 or 100:1**. Can be powered by a fuel management system, eliminates the need for the batteries. 6 – 24V DC.

Stk Code	Description	Flow Rate	Accuracy	Ports	Register/Totaliser	Max Pressure	List £
K600/3PM	1" meter no display	10 -100 L/min	+/- 0.5%	1" F BSPP	-	426psi (30 bar)	247.99
K600/4PM	1 1/2" meter no display	15 -150 L/min	+/- 0.5%	1 1/2" F BSPP	-	284psi (20 bar)	378.91
K600B/3P	1" meter with display	10 -100 L/min	+/-0.5%	1" F BSPP	5 digit / 6 digit	426psi (30 bar)	401.69



OMO5

Braun Low Flow Meter Braun - HZ5

- BIOFUEL
- DIESEL
- HEATING OIL

- Suitable with heating oil, diesel & biodiesel up to B35.
- Used for measuring heating oil consumption.
- If sited outside a weatherproof cover is needed.
- Boiler capacity 7 kW - 400 kW. Pressure loss 0.05 - 0.2 bar.
- This meter does not affect or impair the burner.
- The only maintenance required is to clean the dirt trap regularly.

Stk Code	Description	Flow Rate	Accuracy	Ports	Totaliser	Max Pressure	List £
OMO5	1/8" flow meter 0.7 - 40L/hr	0.7 - 40L/hr	+/- 1%	1/8" F BSPP	7 digit	362psi (25 bar)	254.36
OM4FITS	1/8" - 8mm fitting kit (2 req'd)	-	-	-	-	-	5.79

Piusi Pulse Meter For AdBlue® - Turbinox

- Suitable with diesel, AdBlue® & water.
- Turbine pulse meter. Stainless steel body.
- Designed to fit in line.
- No display.
- Pulsar: Reed switch (does not need an independent power supply).
- Max current 100mA, max voltage 28V.
- Single channel, 88 pulses per litre.

PIUSI



AB.M

Stk Code	Description	Flow Rate	Accuracy	Ports	Max Pressure	List £
AB.M	1" pulse meter Turbinox	10 - 40L/min	+/- 1%	1" M BSPP	300psi (20 bar)	236.69

Remote Display For Piusi K24/Turbinox

- Fits Piusi K24 (K24.ABP) & Turbinox (AB.M) flow meters suitable with AdBlue®.
- Gives a pulse output, pulses per litre: 1, 2, 10, 20, 50, 100.
- Electronic display.
- Powered by 2 x AA batteries.
- Low battery indicator.
- Flow rate indicator.
- Other options available for use with Piusi K600, K600/4 meters.

PIUSI



AB.FMRD

Stk Code	Description	Register/Totaliser	List £
AB.FMRD	Remote display for K24, K24.ABP & Turbinox AB.M	5 digit / 8 digit	198.17

NEW PRODUCTS

3/4" Oval Gear Pulse Meter MID - MK325 - AdBlue®

- Suitable with AdBlue®. MID certified for resale use.
- Oval gear meter. 304 stainless steel body. PEEK gears. Weight 2.2kgs.
- Weatherproof to IP67 for outdoor use. Bi-directional flow.
- Pulse meter no display. 1.5m cable length. (Requires a power supply).
- Read switch pulser. Max current 1Ma. Voltage 3.3V - 28V.
- Double channel, 77 single/160 double pulses per litre.

PIUSI



NEW PRODUCT



FM.MK325

MID APPROVED
FOR RESALE

Stk Code	Description	ATEX	Flow Rate	Accuracy	Ports	Max Pressure	List £
FM.MK325	3/4" pulse meter MID certified	Yes	5 - 35 L/min	MID certified	3/4" F BSPP	284psi (20 bar)	1097.25

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

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AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.



HYTEK
Engineered Product

DIESEL
WATER

Battery Submersible Pump Kit

- Suitable with diesel, biodiesel B30 & water to 80°C.
- Length 147mm, diameter 52.5mm.
- Centrifugal submersible pump.
- 2m outlet hose (1/2"). (500 hour life expectancy).
- 3m long battery cable & croc clips. Weight 0.4kg.
- Max working pressure 15 psi (1 bar).
- Continuously rated for periods up to 1 hour. **Do not run dry.**

12SPA.KIT

Stk Code	Description	Diameter	Voltage	Max Flow	List £
12SPA.KIT	12V submersible pump kit	52.5mm	12V	18L/min	31.83

Diameter only 38mm



DIESEL
KEROSENE
WATER

Battery Submersible Pump Only

- Suitable with diesel, biodiesel B30, fresh water & sea water up to 80°C.
- Ideal to use as a bilge pump or for water transfer: deck showers/wash down.
- Length 165mm, diameter 38mm. Centrifugal submersible pump.
- 4m long battery cable & croc clips. Weight 0.5kg.
- Max working pressure 14 psi (0.96bar).
- Continuously rated. **Do not run dry.**
- For inline use unclip the filter, leaves 2 x 13mm inlet/outlet hose tails.

For 25L containers

12SP18

Stk Code	Description	Diameter	Voltage	Max Flow	List £
12SP18	12V submersible pump only	38mm	12V	18L/min	53.04



Adam Pumps

DIESEL

Battery Transfer Pump

- Suitable with diesel or biodiesel up to B30.
- Ideal for mounting into plant equipment, excavators etc.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate. Weatherproof to IP54 for outdoor use.
- C/w suction strainer.

12P40

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12P40	12V pump only 40L/min	30mins	12V	40L/min	3/4" F BSPP	122.54
24P40	24V pump only 40L/min	30mins	24V	40L/min	3/4" F BSPP	122.54



PIUSI
OIL

Battery Transfer Pump For Oil - Viscomat DC 60/2

- Suitable with clean oil up to SAE 50 (replaces OIL.GEL).
- Gear pump with bypass valve.
- Weatherproof to IP55 for outdoor use.
- C/w switch, 4m long battery cable & croc clips.

VISCO.12

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
VISCO.12	12V pump c/w switch 10L/min	30mins	12V	10L/min	3/4" F BSPP	298.19
VISCO.24	24V pump c/w switch 10L/min	30mins	24V	10L/min	3/4" F BSPP	298.19

Battery Transfer Pump - 40L/min

- Suitable with diesel or biodiesel up to B30.
- Ideal for mounting into plant equipment, excavators etc.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate. Weatherproof to IP54 for outdoor use.
- C/w switch, carry handle, **4m long battery cable & croc clips.**

HYTEK
Engineered Product

DIESEL



12PA.BARE

With 4m battery cable

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12PA.BARE	12V pump c/w switch 40L/min	30mins	12V	40L/min	¾" F BSPP	147.28
24PA.BARE	24V pump c/w switch 40L/min	15mins	24V	40L/min	¾" F BSPP	147.28

Battery Transfer Pump - High Speed - 62L/min

- Faster flow rate than most battery pumps. (62L/min with 1" hose/manual nozzle).
- Suitable with diesel or biodiesel up to B30.
- Ideal for mounting into plant equipment, excavators etc.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate. Weatherproof to IP54 for outdoor use.
- C/w switch, carry handle, **4m long battery cable & croc clips.**

HYTEK
Engineered Product

DIESEL



12H

With 4m battery cable

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12H	12V pump c/w switch 62L/min	15mins	12V	62L/min	1" F BSPP	165.64

Battery Transfer Pump - Dual Voltage - 35/70 L/min

- Pumps at 35L/min on 12V & 70L/min on 24V.
- Suitable with diesel or biodiesel up to B30.
- Ideal for mounting into plant equipment, excavators etc.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate. Weatherproof to IP54 for outdoor use.
- C/w switch, carry handle, **4m long battery cable & croc clips.**

HYTEK
Engineered Product

DIESEL



12HD

With 4m battery cable

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12HD	12/24V c/w switch 35/70L/min	12V 30mins / 24V 15mins	12/24V	35/70L/min	1" F BSPP	174.26

Battery Transfer Pump - Cased - 40L/min

- Suitable with diesel or biodiesel up to B30.
- Sturdy steel case c/w switch & carry handle.
- Direct drive vane pumping unit with bypass valve.
- Weatherproof to IP54 for outdoor use.
- **4m long battery cable & croc clips.**

HYTEK
Engineered Product

DIESEL



12PA.CASE

With 4m battery cable

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12PA.CASE	12V pump c/w switch 40L/min	30mins	12V	40L/min	¾" F BSPP	157.65
24PA.CASE	24V pump c/w switch 40L/min	15mins	24V	40L/min	¾" F BSPP	157.65



PIUSI Battery Transfer Pump High Speed - Bi Pump - 85L/min

- Piusi bi pump suitable with diesel or biodiesel to B5.
- Direct drive vane pumping unit with bypass valve.
- Foot mounting plate. Weatherproof to IP55 for outdoor use.
- C/w switch, 2m battery cable & croc clips.
- **Option:** 4m battery cable available.
- **NEW** Inlet Filter: SPT.FILTA

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12BI	12V pump c/w switch 85L/min (363010)	30mins	12V	85L/min	1" F BSPP	381.01
24BI	24V pump c/w switch 85L/min (363030)	30mins	24V	85L/min	1" F BSPP	381.01
NEW SPT.FILTA	Angled Inlet Filter	-	-	-	1" F BSPP	18.05

See pages 113 - 116 for full range



HYTEK
Engineered Product

ADBLUE® DEF

Battery Transfer Pump For AdBlue®

- Suitable with AdBlue®.
- Self priming diaphragm pump & bypass valve.
- Weatherproof to IP55 for outdoor use.
- C/w switch, 2m long battery cable & croc clips.
- **Option:** dispensing/suction hose, foot valve & nozzle available.
- **Piusi version also available** (AB.12PSC40).

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.12PSC40A	12V AdBlue® pump c/w switch	20mins	12V	34L/min	1" M BSPP / 3/4" hose tails	242.18
AB.24PSC40A	24V AdBlue® pump c/w switch	20mins	24V	34L/min	1" M BSPP / 3/4" hose tails	242.18



Battery RD8 ATEX Certified Pump

- Suitable with petrol, diesel or biodiesel up to B20, kerosene & E15.
- Unique flexible vane 12V pump does not require a bypass valve.
- **30 min duty cycle with thermal cut out.**
- Easy to rotate inlet/outlet flanges.
- Inline on/off switch. Inlet screen stops particles.
- 4.5m long battery cable & clips. Full range of spares available.
- **Hose & nozzle not included, see options below.**

Stk Code	Description	ATEX	Voltage	Max Flow	Inlet/Outlet	Spout OD	Max Pressure	List £
RD812	12V 30L/min pump c/w switch	Yes	12V	30L/min	3/4" F BSPT	-	-	249.65
NOZ.S3ATEX	Manual nozzle (requires BSH.4.3A)	Yes	-	150L/min	1" F swivel	20mm	142psi (10 bar)	40.75
NOZA.ATEX	Automatic nozzle (requires BSH.4.3A)	Yes	-	60L/min	1" F swivel	20mm	50psi (3.5 bar)	145.97
SBH12.3/4	3.66m x 3/4" delivery hose	EN1360	-	-	3/4" M BSPP	-	230psi (15.8 bar)	56.35



Battery Heavy Duty ATEX Certified Pump

- Suitable with petrol, diesel or biodiesel up to B30 & kerosene.
- C/w switch, bypass valve & 5m long battery cable.
- 2" M BSPP drum/tank adaptor. **2 year warranty.**
- **30 min duty cycle with thermal cut out.**
- **Hose & nozzle not included, available on request.**
- **Option:** 4205.ATEX - 12V, high speed max flow 76L/min.

Stk Code	Description	ATEX	Voltage	Max Flow	Inlet/Outlet	List £
1210.ATEX	12V 57L/min pump c/w switch	Yes	12V	57L/min	1" F BSPT / 3/4" F BSPP	426.60
4205.ATEX	12V 76L/min pump c/w switch	Yes	12V	76L/min	1" F BSPT / 1" F BSPP	439.56

On Demand Diaphragm Pump

HYTEK
Engineered Product

OTHER
FLUIDS
WATER

- Suitable with agricultural chemicals or water.
- For spraying & transferring liquids. Ideal for use with:
 - ATV mounted sprayers
 - Horticultural spraying equipment
 - Portable water systems
 - Pole window cleaning

- DP12.4 - 2 piston type pump.
- All other pumps are 4 piston type pumps.
- Built in pressure/demand switch. Self priming to 2m. EPDM diaphragm.
- Can be run dry. **Max run time 30 mins.**
- Polypropylene pump housing. Temperature rating 5 - 50°C.

Ports - the following pumps include:

- DP12.4 - 3/8" fixed hose tail.
- DP12.17, DP220.17 & DP110.17 - 1 x plug in - 1/2" threaded elbow, 1 x plug in elbow - 3/4" hose tail, 1 x 3/4" plug in hose tail.



DP12.4



DP220.17

Stk Code	Description	Voltage	Max Flow	Ports	Switch	List £
DP12.4	12V 4L/min 35 psi (2.4 bar)	12V	4L/min	See above	35psi (2.4 bar)	25.13
DP12.17	12V 17L/min 40 psi (2.8 bar)	12V	17L/min	See above	40psi (2.8 bar)	97.88
DP220.17	230V 17L/min 40 psi (2.8 bar)	230V	17L/min	See above	40psi (2.8 bar)	101.53
DP110.17	110V 17L/min 40 psi (2.8 bar)	110V	17L/min	See above	40psi (2.8 bar)	101.53

1" Engine Driven Pump - 133L/min

2 YEARS
WARRANTY
WATER

- Assembled in Europe, 2 year warranty.
- Suitable with clean water. **Uses the reliable & robust Loncin engine.**
- 1.4 litre unleaded petrol tank. 2.5hp. All spare parts available.
- 4 stroke OHV air cooled engine with recoil start. C/w suction strainer.
- Dimensions 410mm L x 295mm W x 370mm H. **Do not run dry.**
- Low oil protection device. **If used with nozzle/valve as means of control, a pressure relief valve must be used or warranty void.**



Improved
build quality

EDP150WL

Stk Code	Description	Max Flow	Ports	Head	Lift	Weight	List £
EDP150WL	133L/min for water (Replaces EDP150W)	133L/min	1" hose tail	21m	6m	15kgs	211.93
EDP1PRV	1" pressure relief valve 1 -10 bar	-	-	-	-	-	73.08

2" Engine Driven Pump - 500L/min

2 YEARS
WARRANTY
WATER

- Assembled in Europe, 2 year warranty.
- Suitable with clean water. **Uses the reliable & robust Loncin engine.**
- 3.6 litre unleaded petrol tank. 5.5hp. All spare parts available.
- 4 stroke OHV air cooled engine with recoil start. C/w suction strainer.
- Dimensions 550mm L x 430mm W x 385mm H. **Do not run dry.**
- Low oil protection device. **If used with nozzle/valve as means of control, a pressure relief valve must be used or warranty void.**



Improved build quality

EDP520WL

Stk Code	Description	Max Flow	Ports	Head	Lift	Weight	List £
EDP520WL	500L/min for water (Replaces EDP520W)	500L/min	2" hose tail	23m	6m	26kgs	273.40
EDP2PRV	2" pressure relief valve 1 -12 bar	-	-	-	-	-	151.15

NEW PRODUCT



Battery Pump Kit- Economy - Bare - 40L/min

- Suitable with diesel or biodiesel up to B30.
- **This economy unit comes with a polyethylene manual nozzle & plastic foot valve/strainer.**
- Carry handle. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **For large quantities please contact us for a quotation.**

UK manufactured hose 12PA.K1BE

Stk Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet	List £
12PA.K1BE	12V economy manual kit - bare	30mins	12V	40L/min	¾" F BSPP	164.77
24PA.K1BE	24V economy manual kit - bare	15mins	24V	40L/min	¾" F BSPP	164.77

UK manufactured hose



Battery Portable Pump Kit - Economy - Cased - 40L/min

- Suitable with diesel or biodiesel up to B30.
- **This economy unit comes with a polyethylene manual nozzle & plastic foot valve/strainer.**
- Carry handle. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **For large quantities please contact us for a quotation.**

12PA.K1CE

Stk Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet	List £
12PA.K1CE	12V economy manual kit - cased	30mins	12V	40L/min	¾" F BSPP	176.22
24PA.K1CE	24V economy manual kit - cased	15mins	24V	40L/min	¾" F BSPP	176.22

UK manufactured hose



Battery Portable Pump Kit - Bare - 40L/min

- Suitable with diesel or biodiesel up to B30.
- **This standard unit comes with an aluminium manual nozzle & brass foot valve/strainer.**
- Carry handle. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **Option:** manual or automatic shut off nozzles.
- **For large quantities please contact us for a quotation.**

12PA.KIT1B

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12PA.KIT1B	12V manual kit - bare	30mins	12V	40L/min	¾" F BSPP	204.01
24PA.KIT1B	24V manual kit - bare	15mins	24V	40L/min	¾" F BSPP	204.01
12PA.KIT2B	12V automatic kit - bare	30mins	12V	40L/min	¾" F BSPP	226.63
24PA.KIT2B	24V automatic kit - bare	15mins	24V	40L/min	¾" F BSPP	226.63

Battery Portable Pump Kit - Cased - 40L/min

- Suitable with diesel or biodiesel up to B30.
- **This standard unit comes with an aluminium manual nozzle & brass foot valve/strainer.**
- Carry handle. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **Option:** manual or automatic shut off nozzles.
- **For large quantities please contact us for a quotation.**



UK manufactured hose



12PA.KIT1C

Stk Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet	List £
12PA.KIT1C	12V manual kit - cased	30mins	12V	40L/min	3/4" F BSPP	222.75
24PA.KIT1C	24V manual kit - cased	15mins	24V	40L/min	3/4" F BSPP	222.75
12PA.KIT2C	12V automatic kit - cased	30mins	12V	40L/min	3/4" F BSPP	245.69
24PA.KIT2C	24V automatic kit - cased	15mins	24V	40L/min	3/4" F BSPP	245.69

Battery Portable Pump Kit - High Speed - 62L/min

- Faster kit delivers 200 litres in 4 minutes.
- Suitable with diesel or biodiesel up to B30.
- Carry handle & foot mounting plate. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **Option:** manual or automatic shut off nozzle.
- **For large quantities please contact us for a quotation.**



High speed



12H.K

UK manufactured hose

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12H.K	12V 50L/min manual kit	15mins	12V	50L/min	3/4" F BSPP	248.33
12H.KA	12V 50L/min automatic kit	15mins	12V	50L/min	3/4" F BSPP	272.68

NEW

Battery Portable Pump Kit - Dual Voltage - 35/70L/min

- Pumps at 35L/min on 12V & 70L/min on 24V.
- Suitable with diesel or biodiesel up to B30.
- Carry handle & foot mounting plate. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **For large quantities please contact us for a quotation.**



Dual voltage



12HD.K

UK manufactured hose

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12HD.K	Dual voltage manual kit	12V 30mins / 24V 15mins	12/24V	35/70L/min	3/4" F BSPP	261.27

Piusi pump unit



HYTEK
Engineered Product
DIESEL

Battery High Speed Pump Kit - Bi Pump - 80L/min

UK manufactured hose

12BIKIT

- Suitable with diesel or biodiesel up to B5.
- Direct drive vane pumping unit with bypass valve.
- C/w switch, 2m long battery cable & croc clips.
- Foot mounting plate. Weatherproof to IP54 for outdoor use.
- **6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- **Option:** manual or automatic shut off nozzles.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
12BIKIT	12V pump kit 80L/min - manual nozzle	30mins	12V	80L/min	1" F BSPP	496.70
24BIKIT	24V pump kit 80L/min - manual nozzle	30mins	24V	80L/min	1" F BSPP	496.70
12BIKIT2	12V pump kit 80L/min - automatic nozzle	30mins	12V	80L/min	1" F BSPP	520.54
24BIKIT2	24V pump kit 80L/min - automatic nozzle	30mins	24V	80L/min	1" F BSPP	520.54



Adam Pumps
OIL

230V Pump For Oil

OIL.GEL220

- Suitable with clean oils up to SAE 90.
- Eccentric pump unit. Max suction lift 1m.
- C/w switch, bypass valve & 2m mains cable.
- Foot mounting plate. Weatherproof to IP55.

Stk Code	Description	Voltage	Max Flow	Ports	List £
OIL.GEL220	230V 20L/min	230V	20L/min (SAE 30 @ 20°C)	¾" F BSPP with 1" hose tail	328.27

For 12/24V options see page 92



PIUSI
OIL

230V/110V Pump For Oil - Viscomat 70M/90M

VISCO.90

- Suitable with clean oils up to SAE 90.
- Vane pump unit. Max suction lift 1m.
- C/w switch, bypass valve & 2m mains cable.
- Foot mounting plate. Weatherproof to IP55.

Stk Code	Description	Voltage	Max Flow	Ports	List £
VISCO	230V pump 25L/min (334900) 70M	230V	25L/min (SAE 30 @ 20°C)	1" F BSPP	348.19
VISCO.110	110V pump 25L/min (50-60Hz) (339900) 70M	110V	25L/min (SAE 30 @ 20°C)	1" F BSPP	391.61
VISCO.90	230V pump 50L/min (303M00) 90M	230V	50L/min (SAE 30 @ 20°C)	1" F BSPP	397.75

Piusi pump unit



HYTEK
Engineered Product
B100
DIESEL
OIL

230V/110V Oil Pump Kit - Viscomat 70M/90M

VISCO.KIT

- Suitable with diesel or biodiesel up to B100 & clean oils up to SAE 90.
- This kit fits directly into a 2" BSPP socket, for use on 205L drums & tanks up to 1.5m deep. Comprises:
- Pump. 4m x ¾" outlet hose.
- Manual nozzle & nozzle holster. Drum/tank connector.
- Suction hose & foot valve. Junction box & 1.5m mains cable.
- **These kits use the Piusi Viscomat Pumps.**

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
VISCO.KIT	230V kit 20L/min (Viscomat 70M)	10mins	230V	20L/min (SAE 30 @ 20°C)	474.96
VISCO.110K	110V kit 20L/min (Viscomat 70M)	15mins	110V	20L/min (SAE 30 @ 20°C)	524.21
VISCO.KITH	230V kit 50L/min (Viscomat 90M)	10mins	230V	50L/min (SAE 30 @ 20°C)	551.99

230V Pump AdBlue®

- Suitable with AdBlue®. 2 year warranty.
- Self priming diaphragm pump & bypass valve.
- C/w switch & 1.8m mains cable. Weatherproof to IP55 for outdoor use.
- **Option:** dispensing/suction hose, foot valve & nozzle available.
- **See page 113 - 116 for full range.**



AB.PA

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.PA	230V pump & motor only	20mins	230V	35L/min	1" M BSPP with 3/4" hose tail	242.17

230V/110V Piusi Suzzara Blue Pump

- Suitable with AdBlue®. Full range of Piusi spares available.
- Self priming membrane pump & bypass valve.
- C/w switch & 2m mains cable. Weatherproof to IP55 for outdoor use.
- **Options:** choose 230V (AB.P) or 110V (AB.P.110).
NEW (AB.PT) 230V pump with timer switch, turns off pump after 6 minutes to prevent damage.
 Dispensing/suction hose, foot valve & nozzle available.



AB.P

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.P	230V pump & motor only	20mins	230V	34L/min	1" M BSPP with 3/4" hose tail	301.01
AB.PT	230V pump c/w switch & 6 min timer	20mins	230V	34L/min	1" M BSPP with 3/4" hose tail	369.93
AB.P.110	110V 50/60Hz pump & motor only	20mins	110V	28L/min	1" M BSPP with 3/4" hose tail	354.84

230V Submersible Pump For Storage Tanks

- Suitable with AdBlue® or clean water.
- This pumps fits inside storage tanks. 0.33 HP. **Continuously rated.**
- Stainless steel housing. Height 273mm x diameter 167mm.
- **Max immersion 5m.** Max temperature of liquid 50°C.
- Pumps solids with a max diameter of 10mm.
- Comes with integral float switch.



SUB.3.FS

Stk Code	Description	Voltage	Motor	Max Flow	Outlet	List £
SUB.3.FS	230V pump	230V	0.25kW	80L/min at 6.3m head	1/4" F BSPP	229.54

230V Submersible Pump For Storage Tanks

- Suitable with diesel or biodiesel up to B100, AdBlue® or clean water.
- This pump fits inside storage tanks. 0.75 HP. **Continuously rated.**
- Stainless steel housing. Height 430mm x diameter 130mm.
- **Max immersion 20m.** Max temperature of liquid 35°C.
- Pumps solids with a max diameter of 2mm.
- **If used with nozzle/valve as means of control, a pressure relief valve must be used or warranty void.**



SUB.4



SUB.PR.V

Stk Code	Description	Voltage	Motor	Max Flow	Outlet	List £
SUB.4	230V pump	230V	0.55kW	75L/min at 18m head	1/4" F BSPP	477.54
SUB.PR.V	Pressure relief valve for SUB.4	-	-	-	-	198.74
TEE.5SS	1 1/4" BSP tee stainless steel for SUB.PR.V	-	-	-	-	11.58
BSH.5.4SS	1 1/4" -1" BSP reducing bush for SUB.PR.V	-	-	-	-	7.70
NIP.5SS	1 1/4" BSP nipple stainless steel for SUB.PR.V	-	-	-	-	6.51

HYTEK
Engineered Product

2 YEARS WARRANTY

B100

DIESEL

Weatherproof to IP55 for outdoor use

Noise level 76dB

Integral filter, easy to clean

Integral on/off switch

Dispenses at 56L/min

Foot mount

Built in bypass valve

230V with cable & plug

Rotor & vanes easy to access

1" BSPP ports

SPT60A

230V Diesel Pump - 56L/min

- Hytek Engineered diesel pump, a reliable & cost effective alternative to other leading brands.
- This pump has improved over the years & is now recognised as a quality product giving customers an alternative to other popular brands, with impressive features.
- Can replace similar type pumps as the inlet/outlet ports, height, location & distance between ports & the footprint are the same as many other models, contact us for further details.
- Thousands have been installed over the last 8 years.
- Like many of the Hytek Engineered products offered with a 2 year warranty.
- Suitable with diesel or biodiesel up B100 as indicated.
- Direct drive, self priming, vane pump units.
- Noise level 76dB (SPT60A only).
- C/w switch, 2m long mains cable & plug.
- Integral filter & bypass valve.
- Weatherproof to IP55 for outdoor use.
- Full range of spares available.
- When pumping B100 biodiesel at low temperatures the flow rate will be reduced.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
SPT60A	230V 56L/min B30 (50Hz)	30mins	230V	56L/min	1" F BSPP	152.65
SPT60A.B	230V 56L/min B100 (50Hz)	30mins	230V	56L/min	1" F BSPP	173.35

HYTEK
Engineered Product

2 YEARS WARRANTY

DIESEL

SPT60A.K1

230V Portable Diesel Pump Kit - 56L/min

- Suitable with diesel or biodiesel up to B30.
- **Option:** choose manual or automatic nozzle version.
- 2m long suction hose foot valve/strainer. 6m long delivery hose to ease fuelling.
- Direct drive, self priming, vane pumping unit.
- C/w switch & 2m long mains cable. Filter & bypass valve.
- Weatherproof to IP55 for outdoor use.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
SPT60A.K1	230V manual nozzle kit (50Hz)	30mins	230V	56L/min	1" F BSPP	253.90
SPT60A.K2	230V automatic nozzle kit (50Hz)	30mins	230V	56L/min	1" F BSPP	278.90

HYTEK
Engineered Product

2 YEARS WARRANTY

B100

DIESEL

SPT80A

230V Diesel Pump - 80 & 100L/min

- Suitable with diesel or biodiesel up to B100.
- Direct drive, self priming, vane pumping units.
- C/w switch & 2m long mains cable. Filter & bypass valve.
- Weatherproof to IP55 for outdoor use.
- **Full range of spares available.**
- When pumping B100 biodiesel at low temperatures the flow rate will be reduced.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
SPT80A	230V 80L/min B100 (50Hz)	30mins	230V	80L/min	1" F BSPP	214.09
SPT120A	230V 100L/min B100 (50Hz)	30mins	230V	100L/min	1" F BSPP	390.93

230V Diesel Pump (replaces SPT70K) - 66L/min

- This pump is 10 litres faster at 66L/min than similar pumps, making it ideal to fill all types of vehicles.
- This product replaces the Adam Pumps 50L/min 230V diesel transfer pump (SPT70K).
- Can replace similar type pumps as the inlet/outlet ports height, location & distance between ports & the footprint are the same as many others, contact us for further details.
- Direct drive, self priming, vane pump unit. Noise level only 70dB.
- C/w switch & 2m mains cable & plug. Integral filter & bypass valve.
- Weatherproof to IP55 for outdoor use.
- **Full range of spares available.**



DIESEL



SPT66K

Stk Code	Description	Voltage	Max Flow	Ports	List £
SPT66K	230V 66L/min (replaces SPT70K) (50-60Hz)	230V	66L/min	1" F BSPP	174.89

230V Diesel Pump - 80 & 100L/min

- Suitable with diesel or biodiesel up to B30.
- Direct drive, self priming, vane pumping unit.
- C/w switch & 2m mains cable. Integral filter & bypass valve.
- Weatherproof to IP55 for outdoor use.
- **Full range of spares available.**



DIESEL



SPT80K

Stk Code	Description	Voltage	Max Flow	Ports	List £
SPT80K	230V 80L/min (50-60Hz)	230V	80L/min	1" F BSPP	324.32
SPT100K	230V 100L/min (50-60Hz)	230V	100L/min	1" F BSPP	434.49

230V Diesel Pump Kit - IBC Mount - 56L/min

- Suitable with diesel or biodiesel up to B30.
- Designed to fit 1,000 litre Intermediate Bulk Containers.
- Supplied as a complete kit. Bracket mounts to the side of IBC.
- 4m x 1" delivery hose. Suction hose & IBC top seal (MT.BUNG.N).
- Self priming vane pump, bypass valve & integral filter.
- C/w switch, 2m long mains cable & plug. Automatic nozzle & meter.
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.

HYTEK

Engineered Product

DIESEL

2 YEARS WARRANTY



NEW PRODUCT



SPS.I

UK manufactured hose

Stk Code	Description	Voltage	Max Flow	Accuracy	List £
SPS.I	230V 56L/min c/w meter	230V	56L/min	+/-2%	474.55



PIUSI 230V/110V - Piusi Panther Diesel Pump

DIESEL

SPT56

- Suitable with diesel or biodiesel up to B5.
- Direct drive, self priming, vane pump units.
- C/w switch & 2m long mains cable. Integral filter & bypass valve.
- Weatherproof to IP55 for outdoor use.
- **Full range of Piusi spares available.**

Stk Code	Description	Voltage	Max Flow	Ports	List £
SPT56	230V 56L/min (50Hz) (730000)	230V	56L/min	1" F BSPP	170.91
SPT56.110	110V 56L/min (50Hz) (730380)	110V	56L/min	1" F BSPP	376.98
SPT72	230V 72L/min (50Hz) (732000)	230V	72L/min	1" F BSPP	222.36
SPT90	230V 90L/min (50Hz) (733020) 30 min duty cycle	230V	90L/min	1" F BSPP	232.99



SPT.FILTA (Optional)



PIUSI 230V/110V - Piusi E80/E120 Diesel Pump

DIESEL

EP80

- Suitable with diesel or biodiesel up to B5.
- Direct drive, self priming, vane pump units. **Inlet filter optional** (SPT.FILTA).
- C/w switch & 2m long mains cable. Integral bypass valve.
- Weatherproof to IP55 for outdoor use.
- **Full range of Piusi spares available.**

Stk Code	Description	Voltage	Max Flow	Ports	List £
EP80	230V 75L/min (50Hz) (305000) Filter Optional	230V	75L/min	1" F BSPP	324.82
EP120	230V 100L/min (50Hz) (326000) Filter Optional	230V	100L/min	1" F BSPP	434.47
EP120.110	110V 100L/min (50/60Hz) (32700A) Filter Optional	110V	100L/min	1" F BSPP	569.13
SPT.FILTA	Optional angled inlet filter	-	-	1" F BSPP	18.05

NEW

Pedestal available for floor mounting



CUBE70.PED



CUBE53

230V Piusi Cube 56/70 & 90 Diesel Pump +/- 2%

PIUSI DIESEL

The **CUBE RANGE** of pumps are low cost & easy to operate for the small fleet operator & when meter accuracy is not of up most importance.

- Can be used with new or existing above ground fuel storage tanks.
- Ideal for refuelling cars, vans, light trucks, agricultural machinery, plant, forklift trucks & refrigeration units on trailers.
- Suitable with diesel. Weatherproof to IP55. Self priming pump unit.
- Nozzle operated motor off prevents the pump being left on.
- 3 digit register, 6 digit non resettable totaliser. Integral filter.
- 4m x 3/4" delivery hose with 1" ends & automatic nozzle.
- Dimensions 297mm H x 378mm W x 430mm D.
- **Options:** Drum/direct tank adaptor (CUBECON.1). Wall brackets (CUBEWB). Floor mount pedestal (CUBE70.PED).
- 90L/min pump (CUBE90).

Stk Code	Description	Voltage	Max Flow	Accuracy	List £
CUBE53	230V 56L/min, 3 digit (57500C)	230V	56L/min	+/- 2%	580.19
CUBE53P	As above c/w pulser	230V	56L/min	+/- 2%	937.72
CUBE70	230V 70L/min, 3 digit (59100A)	230V	70L/min	+/- 2%	670.10
CUBE90	230V 90L/min, 4 digit (59200A) 30 min duty cycle	230V	90L/min	+/- 2%	784.95
CUBEWB	Wall mounting brackets/kit (F12737)	-	-	-	43.01
CUBE70.PED	CUBE floor mount pedestal (F12708)	-	-	-	247.96
CUBECON.1	1" M BSPP x 2" M BSPT adaptor 1" F BSPP inlet	-	-	-	25.06

230V Diesel Pump Kit - Direct Mount - 56L/min

HYTEK
Engineered Product



- Suitable with diesel or biodiesel up to B30.
- Kit fits directly into a 2" BSPP socket, for use on 205L drums & tanks up to 1.5m deep.
- Comprises: pump, 4m x 3/4" outlet hose, automatic nozzle, holster, tank/pump connector, junction box, suction hose & foot valve.
- **Option:** SPS.KTM with flow meter.
- **NEW** IBC Mount tank kit available see page 101



SPS.KT

SPS.KTM

Stk Code	Description	Voltage	Max Flow	Accuracy	List £
SPS.KT	230V kit 56L/min no meter	230V	56L/min	-	369.62
SPS.KTM	230V kit 56L/min c/w meter	230V	56L/min	+/- 2%	459.28

230V Compact Diesel Pump - 45 & 75 L/min

HYTEK
Engineered Product



- Suitable with diesel or biodiesel up to B30. Manual on/off switch.
- 4 digit resettable register. 8 digit non resettable totaliser.
- C/w switch, integral filter & bypass valve.
- Weatherproof to IP55.
- 4m delivery nozzle & hose. Self priming pump unit.
- Dimensions 300mm H x 350mm W x 500mm D (including nozzle).
- **Option:** 10:1 pulser connection to fuel management systems.



ECON75

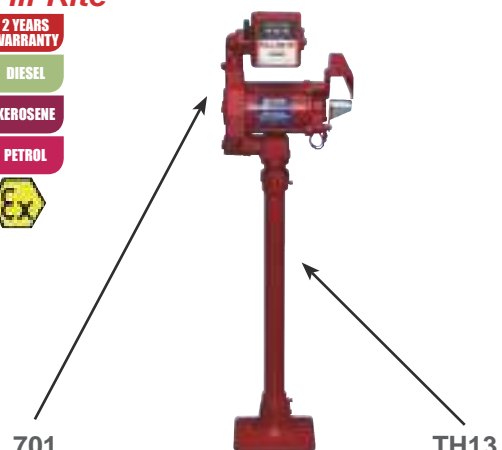
Stk Code	Description	Voltage	Max Flow	Accuracy	List £
ECON45.MAN	230V 45L/min, 4 digit, manual nozzle	230V	45L/min	+/- 2%	331.67
ECON75.MAN	230V 75L/min, 4 digit, manual nozzle	230V	75L/min	+/- 2%	469.43
ECON45	230V 45L/min, 4 digit, automatic nozzle	230V	45L/min	+/- 2%	411.51
ECON75	230V 75L/min, 4 digit, automatic nozzle	230V	75L/min	+/- 2%	546.43
PULS.FM4	10:1 pulser	5 - 12V DC	-	-	152.67

230V Heavy Duty Flameproof Pump

Fill-Rite



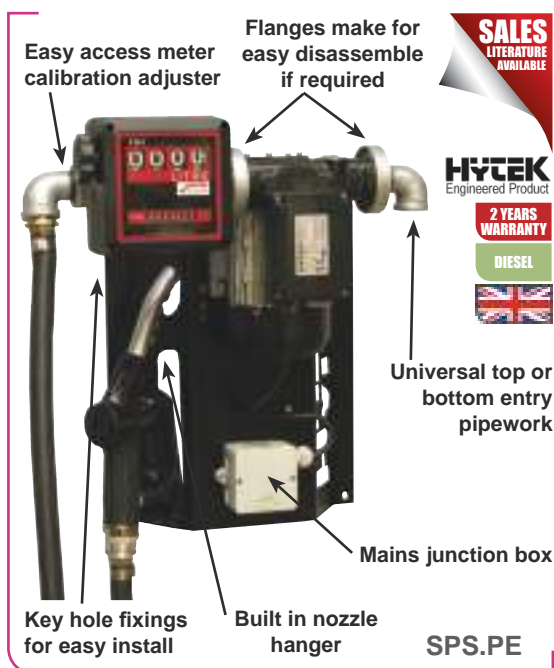
- Suitable with petrol, diesel or biodiesel up to B30. ATEX certified.
- Heavy duty, self priming vane pump for direct drum or tank mount.
- 2" M BSPP drum/tank adaptor. **2 year warranty.**
- Non resettable totaliser. Nozzle operated motor off switch & bypass valve.
- Weatherproof to IP55. **30 min duty cycle motor c/w thermal cut out.**
- Dimensions 250mm H x 287mm W x 282mm D.
- **Hose & nozzle not included.**
- **Floor mount pedestal optional.**



701

TH13

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	List £
701	230V 50L/min, 3 digit	Yes	230V	50L/min	+/- 2%	861.83
NOZA.ATEX	Automatic nozzle lead free (requires BSH.4.3A)	Yes	-	-	-	145.97
SBH12.3/4	3.66m x 3/4" delivery hose	EN1360	-	-	-	56.35
TH13	Floor mount pedestal	-	-	-	-	143.58

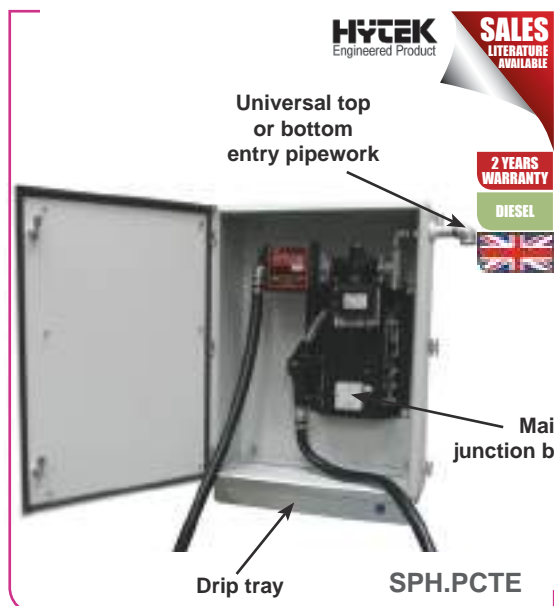


SPECTRA Diesel Pump +/-2%

The **SPECTRA RANGE** of pumps for dispensing diesel & biodiesel up to B30 are compact, low cost & easy to operate units for the small fleet operator.

- Can be used with new or existing above ground fuel storage tanks.
- Ideal for refuelling cars, vans, light trucks, agricultural machinery, plant, forklift trucks & refrigeration units on trailers.
- **Designed to accept top or bottom entry pipework.**
- Suitable with diesel or biodiesel up to B30.
- Self priming vane pump unit. Integral filter, bypass valve & on/off switch.
- Nozzle can be locked.
- Non resettable totaliser.
- 4m delivery hose & automatic nozzle.
- Weatherproof to IP55.
- Dimensions vary depending on model chosen, see below.
- **Option:** 10:1 pulser connection to fuel management systems.
- **See page 116 for AdBlue® options.**

Stk Code	Description	Dimensions	Voltage	Max Flow	Accuracy	List £
SPS.PE	230V 56L/min, 4 digit	500mm H x 490mm W x 285mm D	230V	56L/min	+/- 2%	448.82
SPH.PE	230V 75L/min, 4 digit	530mm H x 500mm W x 285mm D	230V	75L/min	+/- 2%	568.38
SPU.PE	230V 90L/min, 4 digit, Piusi meter	530mm H x 500mm W x 285mm D	230V	90L/min	+/- 2%	737.47
SPS.PE110	110V 50L/min, 4 digit	500mm H x 490mm W x 285mm D	110V	50L/min	+/- 2%	594.37
SPH.PE110	110V 75L/min, 4 digit	530mm H x 500mm W x 285mm D	110V	75L/min	+/- 2%	763.49
SPS.P12	12V 40L/min, 4 digit	490mm H x 525mm W x 263mm D	12V	40L/min	+/- 2%	363.72
SPS.P24	24V 40L/min, 4 digit	490mm H x 525mm W x 263mm D	24V	40L/min	+/- 2%	363.72
SPS.PB	230V 56L/min, 3 digit, B100 biodiesel	500mm H x 490mm W x 285mm D	230V	56L/min	+/- 2%	677.30
SPH.PB	230V 75L/min, 3 digit, B100 biodiesel	530mm H x 500mm W x 285mm D	230V	75L/min	+/- 2%	769.90
	10:1 ratio pulser for connection to fuel management can be added		5 - 12V DC	-	-	



SPECTRA Pump With Security Cabinet & Drip Tray +/-2%

- Same unit as described above but the steel security cabinet also has a removable drip tray fitted underneath.
- **Designed to accept top or bottom entry pipe work.**
- Hose & nozzle can be locked away inside cabinet.
- Hinged steel door with integral locking handle.
- Finished in grey powder coat.
- Dimensions 935mm H x 700mm W x 340mm D (closed).
- **Option:** 10:1 pulser connection to fuel management systems.
- Improved drip tray.

Stk Code	Description	Voltage	Max Flow	Accuracy	List £
SPS.PCTE	230V 56L/min cabinet & drip tray	230V	56L/min	+/- 2%	769.78
SPH.PCTE	230V 75L/min cabinet & drip tray	230V	75L/min	+/- 2%	893.16
SPU.PCTE	230V 90L/min cabinet & drip tray, Piusi meter	230V	90L/min	+/- 2%	968.26
	10:1 ratio pulser for connection to fuel management can be added	5 - 12V DC	-	-	

SPECTRA+ C/W Electronic Meter +/-0.5% & Pulser

SPECTRA+ diesel pump, uses the same mounting plate as our SPECTRA pumps on page 104 but fitted with Piusi Panther pumps & the Piusi electronic K600/3P flow meter, high accuracy of +/-0.5%, 4 x better than the standard +/-2% accurate SPECTRA saving the user money.

Ask for a copy of our Transport Managers Guide for a full explanation.

See Electronic Piusi K600/3P meter specification below:

- Meter has a large 80mm wide x 40mm high easy to read display.
- Flow rate indicator.
- 5 digit display from 0.001 – 99999, resettable.
- 8 digit totalizer 1 – 99999999, non resettable.
- Oval gear meter with pulsed output (pulsed output does not have to be used).
- Meter is construction from aluminium with integral filter.
- Reed switch pulser (does not need an independent power supply).
- Powered by 2 x AA batteries, if powered by a fuel management system eliminates the need for the batteries. 6 - 24V DC.
- Max current 100Ma. Max voltage 28V.
- Single channel, pulses per litre select **1, 2, 5, 10, 20, 50 or 100:1**.
- **Please note:** SPU.PEE has a 30 minute duty cycle.



Uses Piusi Panther pumps & Piusi meters



SPS.PEE

Stk Code	Description	Dimensions	Max Flow	Accuracy	List £
SPS.PEE	230V 56L/min, (SPT56), 5 digit c/w pulsed output	500mm H x 490mm W x 285mm D	56L/min	+/-0.5%	860.54
SPM.PEE	230V 72L/min, (SPT72), 5 digit c/w pulsed output	500mm H x 500mm W x 285mm D	72L/min	+/-0.5%	946.60
SPU.PEE	230V 90L/min, (SPT90), 5 digit c/w pulsed output	530mm H x 500mm W x 285mm D	90L/min	+/-0.5%	1019.28

SPECTRA Diesel Pump - Piusi +/-2%

- Uses the same mounting plate as our SPECTRA pumps on page 104 but fitted with Piusi Panther pumps & Piusi meters.
- 2 year warranty.
- Piusi are a leading manufacturer of fuel transfer products in Italy.
- **Designed to accept top or bottom entry pipe work.**
- Includes:
 - Mains junction box
 - Mounting plate has key hole fixings for easy install
 - Built in nozzle hanger
- **Please note:** SPU.PEP has a 30 minute duty cycle.



Uses Piusi Panther pumps & Piusi meters



SPS.PEP

Stk Code	Description	Dimensions	Voltage	Max Flow	Accuracy	List £
SPS.PEP	230V 56L/min, (SPT56), 3 digit	500mm H x 490mm W x 285mm D	230V	56L/min	+/- 2%	497.29
SPM.PEP	230V 72L/min, (SPT72), 3 digit	500mm H x 490mm W x 285mm D	230V	72L/min	+/- 2%	587.14
SPU.PEP	230V 90L/min, (SPT90), 4 digit	530mm H x 500mm W x 285mm D	230V	90L/min	+/- 2%	738.84
	10:1 ratio pulser for connection to fuel management can be added		5 - 12V DC	-	-	POA



209A.METER.REP

HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

4 Piston Meter

- 4 piston positive displacement meter.
- This meter can be calibrated to an accuracy of +/-0.25%.
- Easy to calibrate & service.
- Precision engineering.
- Dispenses litre after litre, proven reliability.
- Ideal to use with our pump unit 209A.PASSY.
- Used in our ALPHA commercial dispensing pumps, over 3,900 in use worldwide.
- Full spares available.
- **2 year warranty.**

Stk Code	Description	Max Pressure	Accuracy	Max Flow	List £
209A.METER.REP	4 piston meter, right handed outlet	30psi (2 bar)	+/-0.25%	90L/min	341.75



209EP.3



209A.PASSY

HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

Pump Unit Hydraulics With Air Separator/Eliminator

- Positive displacement pump unit with sliding vanes.
- Incorporates full air separation/air elimination. Filter 100 micron.
- Adjustable bypass valve. Outlet control/check valve.
- Precision Engineering. Great suction capabilities even when dry.
- Max. flow 90L/min depends on motor size & pulley arrangement.
- Dispenses litre after litre, proven reliability.
- Ideal to use with our 4 piston meter 209A.METER.REP.
- Used in our ALPHA commercial dispensing pumps, over 3,900 in use worldwide.
- Full spares available. **Option:** inlet flexible connector available TTLB.
- **2 year warranty.**

- **NEW** Bennett T75 pump unit also available (209.PASSYW).
See page 112.

Stk Code	Description	Air elimination	Max Pressure	Max Flow	Micron	List £
209A.PASSY	Pump unit complete with air separation	Yes	30psi (2 bar)	90L/min	100	419.42
209EP.3	Spare pump unit filter	-	-	-	100	20.26



ALP.NOZBOOT.A

HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

Pump/Dispenser Nozzle Boot & Switch

- Die cast aluminium nozzle boot/holster with switch. 12V DC operated.
- Uses a hall effect switch. 12V DC, max 0.5amp.
- If connected to the Hytek ALPHA pump display (ALP.DISP.PCB.3A) it uses the 12V DC from our display as its power to operate & then the voltage it actually switches is 5V DC (generated by the ALPHA display).
- Used in our ALPHA commercial dispensing pumps over 3,900 in use worldwide.
- Full spares available.
- **2 year warranty.**
- **Option** available with stainless steel spring for AdBlue® **ALP.NOZBOOT.AB.**

Stk Code	Description	Voltage	List £
ALP.NOZBOOT.A	Complete nozzle boot & switch	12V DC	91.26

ALPHA Heavy Duty Commercial Pumps

- Due to diesel being classed as a flammable liquid under the CLP Regulations the HYTEK ALPHA pump is ATEX certified & HYTEK has been ATEX certified to build & test the ALPHA pump range (excludes AdBlue® versions).



- ALPHA diesel, petrol & AdBlue® versions now available certified to the MID standard for resale use. These MID versions allow the operators to sell fuel. Versions with integrated fuel management systems are also available MID certified for the resale of fuel.

See pages 122 and 134 for more information.

ALPHA Pump Display:

- Simple & faster configuration & calibration sequence (electronic calibration).
- Clearer display with bright white LED back lighting. Improved wider viewing angle.
- Larger display with 30mm high main characters.
- Fifteen 12mm high characters on the lower line of the display allowing clearer instructions & error messaging to be shown.

Why Buy An ALPHA Pump:

- Over 4,100 in use worldwide since 2002.
- 2 Year parts warranty.
- Designed & assembled in the UK. Rust free stainless steel pump cabinet.
- Ideal to fill cars, vans, coaches, buses, trucks & larger machinery.
- Most models are accurate to +/- 0.25% or approved for resale use/MID certified.
- All models are fully electronic so there are no levers, switches or knobs.

- **Many versions available to suit most dispensing applications:**
 - Single pumps 50, 70, 90 litres per minute (AdBlue® 30L/min).
 - Our twin pumps are two pump units & two meters, housed in one cabinet.
 - Versions with integral fuel management systems (web based) see page 129.

- **All pumps come with:**
 - FREE delivery to UK mainland address. LCD display with bright LED back light.
 - Pulser for connection to fuel management systems. Delivery hose.

- **Choose:**
 - From a range of pumping speeds & choose left, right or front nozzle holster options. Choose the automatic dispensing nozzle that's preferred.

- **Non standard options:**
 - 2nd sided display - makes refuelling from both sides of the pump easy.
 - Base drip trays - makes leaks easy to see.
 - High hose - enables vehicles to be fuelled from both sides, min 6m hose.



AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Free UK delivery



ALPHA/70A

ALPHA/70FA



SALES LITERATURE AVAILABLE

YOUR LOGO GOES HERE

HYTEK Engineered Product



2 YEARS WARRANTY

DIESEL

MK3

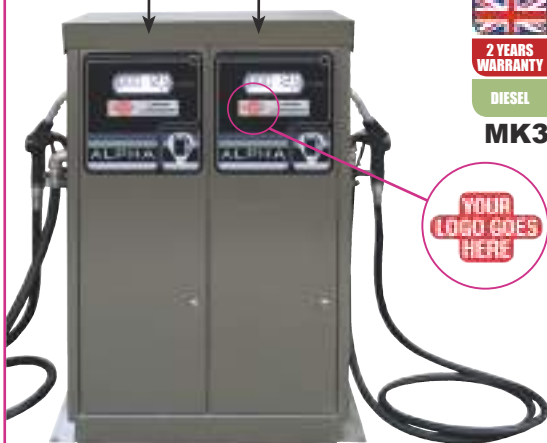
ALPHA Diesel Pump - ATEX Certified

- This ALPHA version has been designed for use with diesel or biodiesel up to B30.
- **Meter.** 4 piston, +/- 0.25%.
- **Pumping unit.** Belt driven with air separator & integral filter.
- **Cabinet.** Stainless steel, lockable front door with stay for ease of maintenance. Removable back panel. Suitable for above or below ground pipework. External base mounting holes.
- **Display.** LCD display with back light. Shows up to 999,999 litres, totaliser shows up to 99,999,999 litres. Option second sided display available.
- **Pulser.** Integral 10:1 or 100:1 pulser transmitter for simple connection to fuel management systems.
- **Simple to maintain.** Good access for service engineers.
- **Standard equipment.** 3.66m steel braided hose, 10:1 or 100:1 pulser & suction inlet has flexible connector.
- **Dimensions.** 1245mm H x 550mm W x 530mm D.
- **Choose left or right handed nozzle holster (standard right).**
- **Choose the nozzle options you prefer see page 111.**

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor	List £
ALPHA/50A	50L/min right holster no nozzle	Yes	230V	50L/min	+/- 0.25%	16 A	750W	2335.71
ALPHA/50FA	50L/min front holster no nozzle	Yes	230V	50L/min	+/- 0.25%	16 A	750W	2383.38
ALPHA/70A	70L/min right holster no nozzle	Yes	230V	70L/min	+/- 0.25%	16 A	750W	2541.12
ALPHA/70FA	70L/min front holster no nozzle	Yes	230V	70L/min	+/- 0.25%	16 A	750W	2588.78
ALPHA/90A	90L/min no nozzle	Yes	230V	90L/min	+/- 0.25%	16 A	750W	2658.19
ALPHA/90FA	90L/min front holster no nozzle	Yes	230V	90L/min	+/- 0.25%	16 A	750W	2706.03

Free UK delivery

- 50L/min - 50L/min
- 50L/min - 70L/min
- 70L/min - 70L/min
- 70L/min - 90L/min
- 90L/min - 90L/min



Diesel/Diesel

ALPHA/5090A



SALES LITERATURE AVAILABLE

HYTEK Engineered Product



2 YEARS WARRANTY

DIESEL

MK3

ALPHA Diesel Pump - Twin - ATEX Certified

- Traditionally, if two pumps were required you purchased two separate pumps. Save money, choose a twin pump.
- Front nozzle holsters are available at extra cost where space to the side of the pump is limited (not FC10).
- Pumping speeds: Diesel 50/50, 50/70, 50/90, 70/70, 70/90, 90/90L/min. Standard set up low speed on left, high speed on right.
- Choose 50 for cars/vans, 70 trucks, 90L/min for artics/plant vehicles, you can fill a van at the same time you fill an earth mover.
- Dual display option, if space permits you can pull up to the front or back of the pump & see the amount being dispensed.
- Optional Integral fuel management system FC10 which includes a web based system. (One side keypad, other normal display) see page 131 for FC10.
- **Choose the nozzle options you prefer see page 111.**
- Dimensions 1245mm H x 1030mm W x 530mm D.
- **Our twin pumps are two pump units & two meters, housed in one cabinet.**

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor	List £
ALPHA/5050A	230V 50/50L/min. No nozzle	Yes	230V	50/50L/min	+/- 0.25%	16 A	750W	4178.85
ALPHA/5070A	230V 50/70L/min. No nozzle	Yes	230V	50/70L/min	+/- 0.25%	16 A	750W	4178.85
ALPHA/7070A	230V 70/70L/min. No nozzle	Yes	230V	70/70L/min	+/- 0.25%	16 A	750W	4178.85
ALPHA/5090A	230V 50/90L/min. No nozzle	Yes	230V	50/90L/min	+/- 0.25%	16 A	750W	4432.97
ALPHA/7090A	230V 70/90L/min. No nozzle	Yes	230V	70/90L/min	+/- 0.25%	16 A	750W	4432.97
ALPHA/9090A	230V 90/90L/min. No nozzle	Yes	230V	90/90L/min	+/- 0.25%	16 A	750W	4687.10

ALPHA Petrol Pump Range

ALPHA Petrol Pump

- Due to the increase in petrol use & the popularity of petrol Hybrid engines we have added the ALPHA petrol range to our ALPHA pump family.
- Designed at Hytek it has been ATEX certified to dispense petrol.
- You can now have ALPHA pumps dispensing petrol, diesel & AdBlue® all on one site.
- All are offered with a 2 year warranty in a robust stainless steel cabinet.
- These Petrol versions use a slightly different cabinet to conform to the ATEX petrol requirements whilst still maintaining an overall appearance in line with the rest of the ALPHA family.

NEW MID Certified/Resale Version available. See page 122

Specification:

- The slightly taller cabinet is designed with a separate top cabinet housing the display. The construction is still fully stainless steel with the same mounting footprint as the standard diesel ALPHA.
- **Dimensions:** 1450mm H x 550mm W x 490mm D.
- **Meter:** 4 piston, +/-0.25%.
- **Pumping unit:** Belt driven with air separator & integral filter, seals/gaskets petrol resistant (209A.PASSY.P).
- **Cabinet:** Stainless steel with a separate top cabinet housing the display & a lower cabinet housing the hydraulics (both with a lockable front door & removable back panels) as well as a panel on the right hand side to access the bypass, check valve, motor & pump unit pulley. Suitable for above or below ground pipework. External base mounting holes.
- **Display:** LCD display with back light. Shows up to 99,999.9 litres with a totaliser showing up to 99,999,999 litres. **Option:** second sided display available (ALPHA2DP).
- **Pulse Output:** 10:1 or 100:1 pulse output for simple connection to fuel management systems.
- **Simple to maintain.** Good access for service engineers.
- **Standard equipment:** 3.66m steel braided hose & suction inlet flexible connector. **Base drip tray included.**
- **Choose the nozzle options you prefer see page 111.**
- Higher speed 70L/min option available on request (ALPHA/70P).

ALPHA Petrol Pump With Integrated Fuel Control System:

- Based on the popular Diesel ALPHA FC10 system, see page 129 for details.
- Web based system FMS, comprehensive reports, MPG, CO2 output readings. Monitor from your PC, phone or tablet.
- Set up at Hytek before shipping with full back up, install like a standard fuel pump. Hytek train the customers to use the FMS remotely with ongoing support.

NEW MID Certified/Resale Version available. See page 134

SALES LITERATURE AVAILABLE



HYTEK
Engineered Product

DIESEL

PETROL

2 YEARS WARRANTY



MK4



YOUR LOGO GOES HERE

ALPHA/50P **Free UK delivery**

SALES LITERATURE AVAILABLE



HYTEK
Engineered Product

DIESEL

PETROL

2 YEARS WARRANTY



MK4

Integral Fuel Control Option see page 129



YOUR LOGO GOES HERE

ALPHA/50PFC **Free UK delivery**

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor	List £
ALPHA/50P	MK4A 50L/min right holster no nozzle	Yes	230V	50L/min	+/-0.25%	16 A	750W	3384.93

Free UK delivery

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ALPHA/40AB

SALES LITERATURE AVAILABLE

HYTEK
Engineered Product

2 YEARS WARRANTY

ADBLUE® DEF MK3

ALPHA Pump For AdBlue®

- This version of the **ALPHA** has been designed for use with AdBlue®.
 - Dispenser option available for use with submersible pumps.
 - **Meter.** Oval gear meter +/- 0.5% with pulser 10:1 or 100:1.
 - **Pumping unit.** Direct drive pump & motor (max run time 20 mins).
 - Left or right hand nozzle holster (standard right). Front nozzle holster available.
 - **Choose the nozzle options you prefer see page 111.**
 - **Shear valve available, see page 149.**
 - Solenoid valve available for use on dispenser versions, we can fit these for you at time of ordering (ALP.SOLVAL.AB).
- Please note:** if more than 1 dispenser is fed via the same submersible pump a solenoid valve must be fitted to prevent unauthorised use.



NEW Resale dispenser version available September 2019
See page 122

Stk Code	Description	Voltage	Max Flow	Accuracy	Amps	Motor	List £
ALPHA/40AB	30L/min right holster no nozzle	230V	30L/min	+/- 0.5%	3 A	330W	2465.21
ALPHA/40AB.F	30L/min front holster no nozzle	230V	30L/min	+/- 0.5%	3 A	330W	2512.79
ALPHA/DSAB	Dispenser version no nozzle	230V	30L/min	+/- 0.5%	1 A	-	2278.67
ALPHA/DSAB.F	Dispenser version front holster no nozzle	230V	30L/min	+/- 0.5%	1 A	-	2326.25
ALP.SOLVAL.AB	Solenoid valve for dispensers	12V	-	-	-	-	311.49



ALP.HOSE

ALPHA Pump - High Hose Option

- Enables vehicles to be refuelled from both sides.
- Ideal to fill refrigerated lorry trailer fuel tanks.
- Can only be used with a minimum of 6.1m (20ft) of hose.
- Helps keep the refuelling point organised. Pipe is stainless steel.
- Can be retro-fitted to the **ALPHA** Mk3 cabinet pump only.
- Outlet connection 1" F BSPP (supplied with 3/4" reducing bush).

Stk Code	Description	List £
ALP.HOSE	Diesel high hose option	270.45
SBH20.1	Diesel 6.1m (20ft) hose 1" M	120.05
ALP.HOSE.AB	High hose option for AdBlue®	270.45
ABH.6.TBH	AdBlue® 6.1m (20ft hose) 1" F	199.97
NIP.4.3SS	1" - 3/4" stainless steel nipple converts the AdBlue® hose above to a 3/4" M end	5.98

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

ALPHA Pump Automatic Nozzle Options

Choose from:

X - Professional type - Proven Hytek Engineered.

ZVA - Used on most retail forecourts.

SB - As above nozzles with safety break swivel, helps prevents damage to pump & prevents fuel spillages if vehicle drives off with the nozzle still in the tank.

AB - Nozzles suitable for AdBlue®.



NOZA.X



ZVA.STD2E



NOZA.X25



NOZA.SS.AB

Stk Code	Description	50A	70A	90A	50P	40AB	DSAB	Twin 5070	Twin 9090	List £
NOZA.X	Professional 80L/min	●	●					●		142.72
ZVA.STD2E	ZVA 80L/min	●	●					●		220.00
ZVA.STD2ESB	As above c/w s/b	●	●					●		316.21
ZVA.25	ZVA 140L/min			●					●	334.53
ZVA.LF2	ZVA 55L/min Petrol LF				●					227.47
NOZA.ATEX	Professional 60L/min LF				●					145.97
NOZA.SS.AB	AdBlue® s/s 60L/min					●	●			288.29
ZVA.AB	AdBlue® ZVA 40L/min					●	●			584.97
ZVA.AB.SB	As above c/w s/b					●	●			712.76

ALPHA Pump Various Options

Choose from:

2nd sided display - makes refuelling from both sides of the pump easy.

Base drip trays - contains any leaks, making them easy to see (supplied as standard on petrol versions).

High hose - enables vehicles to be fuelled from both sides, minimum 6m hose.



ALP.DT3



ALPHA/2DP



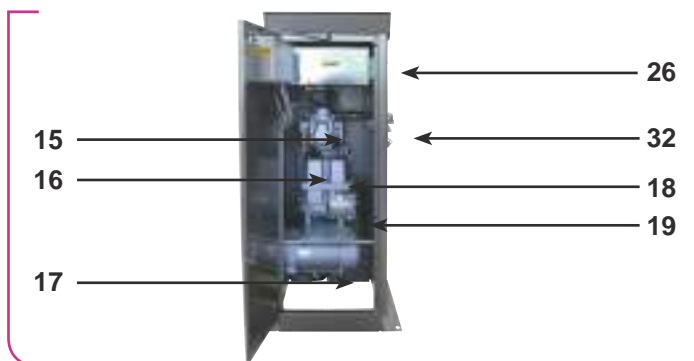
ALP.HHOSE

Stk Code	Description	50A	70A	90A	50P	40AB	DSAB	Twin 5070	Twin 9090	List £
ALPHA/2D	2nd sided display (MK3)	●	●	●		●	●	●	●	419.76
ALPHA/2DP	2nd sided display (MK4)				●					431.21
ALP.DT3	Base drip tray (MK3)	●	●	●	●	●	●			66.64
ALP.HHOSE	High hose - diesel	●	●	●				●	●	270.45
ALP.HHOSE.AB	High hose - AdBlue®					●	●			270.45

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Alpha Pump Spares - Diesel Versions Only

- Please advise us the pump serial number. Spares below fit 50/70/90R. **Spares for other models available.**



Stk Code	Ref	Description	MK1	MK2	MK3	MK4	L/min	List £
ALP.DISP2.R	1	Display MK1/MK2 (complete)	●	●			All	493.50
ALP.DISP.PCB	1	Display MK2/MK3 serial no. 11519-30714 (PCB only)			●		All	438.23
ALP.DISP.PCB.3A	1	Display MK3A serial no. 30715 onwards (PCB only)			●	●	All	438.23
ALP.LOCK3	2	Lock (x2) MK3			●	●	All	8.03
ALP.NOZBOOT.A	3	Complete nozzle boot & switch		●	●	●	All	91.26
ALP.BOOTA.BKT	3	Nozzle retaining bracket for aluminium nozzle boot		●	●	●	All	7.36
ALP.BOOTA.PLUN	3	Plunger & screw for aluminium nozzle boot		●	●	●	All	7.52
ALP.BOOTA.SPRING	3	Plunger spring for aluminium nozzle boot		●	●	●	All	5.63
209.KEY	4	Key	●	●	●	●	All	3.92
ELB.4FFCR	5	Elbow	●	●	●	●	All	6.87
PULS.30A	15	Pulser	●	●	●		All	65.54
PULS.W	15	ATEX replacement pulser fits Mk4				●	50P	258.26
MINIVENT	16	Air sep outlet	●	●	●	●	All	55.83
ALP.PM70.75REP23	17	Motor assy/kit fits MK1/MK2/MK3 up to serial no. 30564	●	●	●		50/70R	340.38
ALP.PM70.75REP2	17	Black replacement motor assy serial no. 11308-13000		●			50/70R	289.27
ALP.PM70.75REP3	17	Black replacement motor assy MK3 serial no. 30000-30564			●		50/70R	289.27
ALP.PM70A	17	ATEX replacement motor assy			●		50/70A	392.39
ALP.PM90.75REP23	17	Motor assy/kit fits MK1/MK2/MK3 up to serial no. 30564	●	●	●		90R	340.38
ALP.PM90.75REP2	17	Black replacement motor assy serial no. 11308-13000		●			90R	289.27
ALP.PM90.75REP3	17	Black replacement motor assy MK3 serial no. 30000-30564			●		90R	289.27
ALP.PM90A	17	ATEX replacement motor assy			●		90A	392.39
ALP.PM50P	17	Petrol Alpha 50L/min motor assy				●	50P	410.23
209A.METER.REP	18	4 piston meter	●	●	●	●	All	341.75
209A.METER.REP.L	18	4 piston meter (left handed) serial no. 30000 onwards			●	●	All	341.75
209A.PASSY	19	Pump unit complete	●	●	●	●	All	419.42
209A.PASSYW	19	As above for MID/OIML resale pumps (Bennett T75)					< 80	649.00
VBLT.275	N/A	ATEX replacement pulley belt - A27.5" (Continental)				●	50P	13.74
VBLT.28	N/A	Pulley belt - A28" serial no. 20568 onwards (Continental)			●	●	50/70R & A	13.74
VBLT.285	N/A	Pulley belt - A28.5" (Continental)	●	●		●	90R	13.74
VBLT.29	N/A	Pulley belt MK3 - A29" (Continental)			●	●	50/70R	13.74
VBLT.295	N/A	Pulley belt MK3 - A29.5" (Continental)			●	●	90R	13.74
PULL.2C	N/A	2" Pulley for ATEX MK4				●	50P	25.03
PULL.25C	N/A	2½" Pulley for ATEX Italian Silver motors serial no. 30565>			●	●	50/70R & A	19.20
PULL.3C	N/A	3" Pulley for ATEX Italian Silver motors serial no. 30565>			●	●	90R/90A	19.20
TTLB	N/A	Flexible connector	●	●	●	●	All	32.28
ALP.RELAY	26	Relay (in junction box)	●	●	●	●	All	27.81
CHK.1A.DRILL	32	Outlet check valve		●	●	●	All	11.79
209EP.3	N/A	Pump unit filter	●	●	●	●	All	20.26
ALP.NOZSW.P	3	Nozzle switch fits MK4				●	All	79.72
ALP.BOOTA.SW	3	Nozzle boot spare switch		●	●		All	39.85

What Is AdBlue®



- AdBlue® is a water based chemical solution that is required for vehicles to comply to the Euro 6 directive. AdBlue® is not harmful, however it is corrosive.
- You must not use a normal fuel pump to dispense AdBlue® as AdBlue® must be kept pure at all times & any contaminants from rubber hoses, seals or metals will cause damage to the vehicles engine causing hefty repair bills.

Battery Transfer Pumps For AdBlue®

- Suitable with AdBlue®.
- 2 year warranty.
- Self priming diaphragm pump & bypass valve.
- Weatherproof for outdoor use IP55.
- C/w switch, 2m long battery cable & croc clips.
- **Option:** dispensing/suction hose, foot valve & nozzle available.
- **Piusi version also available** (AB.12PSC40).

HYTEK
Engineered Product

ADBLUE®
DEF
2 YEARS
WARRANTY



AB.12PSC40A

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.12PSC40A	12V pump c/w switch	20mins	12V	34L/min	1" M BSPP / 3/4" hose tail	242.18
AB.24PSC40A	24V pump c/w switch	20mins	24V	34L/min	1" M BSPP / 3/4" hose tail	242.18

Battery Portable/Portable Tank Mount Kits For AdBlue®

- Designed to be used as a portable pump kit for drums, bowsers or tanks. Supplied as a complete kit. **UK manufactured hose.**
- Self priming diaphragm pump & bypass valve.
- **6m suction/delivery hose.** Suction foot valve & strainer.
- C/w switch & 2m battery cable & croc clips. Weatherproof to IP55 for outdoor use.
- **Option:** manual or automatic shut off nozzles.
- Available with an automatic shut off nozzle (AB.12KA).

HYTEK
Engineered Product

ADBLUE®
DEF
2 YEARS
WARRANTY



AB.12K

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
AB.12K	12V portable kit manual nozzle	20mins	12V	30L/min	308.41
AB.12KA	12V portable kit automatic nozzle	20mins	12V	30L/min	392.22
AB.24K	24V portable kit manual nozzle	20mins	24V	30L/min	308.41

Battery Drum Mount Kits For AdBlue®

- Designed to fit AdBlue® containers using 2" M BSPP/trisure/valorex drum adaptors. Supplied as a complete kit. **UK manufactured hose.**
- Self priming diaphragm pump & bypass valve.
- 6m x 3/4" delivery hose & 950mm suction pipe.
- C/w switch & 2m battery cable & croc clips. Weatherproof to IP55 for outdoor use.
- **Option:** manual or automatic shut off nozzles.
- Available with an automatic shut off nozzle (AB.12BKITA).

HYTEK
Engineered Product

ADBLUE®
DEF
2 YEARS
WARRANTY

NEW top plate mount
version see
page 121



AB.12BKIT

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
AB.12BKIT	12V drum kit manual nozzle	20mins	12V	30L/min	381.68
AB.12BKITA	12V drum kit automatic nozzle	20mins	12V	30L/min	469.19

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HYTEK
Engineered Product

ADBLUE®
DEF
2 YEARS
WARRANTY

AB.12IK

Battery IBC Mount Kit For AdBlue®

- Designed to fit 1000 litre Intermediate Bulk Containers.
- Supplied as a complete kit. Bracket mounts to the side of IBC.
- 6m x 3/4" delivery hose & 950mm suction pipe. **UK manufactured hose.**
- C/w switch & 2m battery cable & croc clips.
- Self priming diaphragm pump & bypass valve.
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- **Option:** manual or automatic shut off nozzles.
- Available with an automatic shut off nozzle (AB.12IKA).

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
AB.12IK	12V IBC kit manual nozzle	20mins	12V	30L/min	453.85
AB.12IKA	12V IBC kit automatic nozzle	20mins	12V	30L/min	539.85
AB.24IK	24V IBC kit manual nozzle	20mins	24V	30L/min	453.85



HYTEK
Engineered Product

ADBLUE®
DEF
2 YEARS
WARRANTY

AB.PA

230V Pump For AdBlue®

- Suitable with AdBlue®. 2 year warranty.
- Self priming diaphragm pump & bypass valve.
- C/w switch & 1.8m mains cable.
- Weatherproof to IP55 for outdoor use.
- **Option:** dispensing/suction hose, foot valve & nozzle available.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.PA	230V pump & motor only	20mins	230V	34L/min	1" M BSPP / 3/4" hose tail	242.17



PIUSI

ADBLUE®
DEF

AB.P

230V/110V Piusi Suzzara Blue Pump

- Suitable with Adblue®. Full range of Piusi spares available.
- Self priming membrane pump & bypass valve.
- C/w switch & 2m mains cable. Weatherproof to IP55 for outdoor use.
- **Options:** choose 230V (AB.P) or 110V (AB.P.110).
NEW (AB.PT) 230V pump with timer switch, turns off pump after 6 minutes to prevent damage.
 Dispensing/suction hose, foot valve & nozzle available.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Ports	List £
AB.P	230V pump & motor only	20mins	230V	34L/min	1" M BSPP with 3/4" hose tail	301.01
NEW AB.PT	230V pump c/w switch & 6 min timer	20mins	230V	34L/min	1" M BSPP with 3/4" hose tail	369.93
AB.P.110	110V 50/60Hz pump & motor only	20mins	110V	28L/min	1" M BSPP with 3/4" hose tail	354.84

230V Drum Mount Kits For AdBlue®

- Designed to fit AdBlue® containers using 2" M BSP/valorex drum adaptors. Supplied as a complete kit.
- Self priming diaphragm pump & bypass valve.
- 6m x 3/4" delivery hose & 950mm suction pipe. **UK manufactured hose.**
- C/w switch & 1.8m mains cable. Weatherproof to IP55 for outdoor use.
- **Option:** manual or automatic shut off nozzles.



NEW top mount version see page 121

AB.BK

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
AB.BK	230V drum kit manual nozzle	20mins	230V	30L/min	381.68
AB.BKA	230V drum kit automatic nozzle	20mins	230V	30L/min	469.19

230V IBC Mount Kit For AdBlue®

- Designed to fit 1000 litre Intermediate Bulk Containers.
- Supplied as a complete kit. Bracket mounts to the side of IBC.
- 6m x 3/4" delivery hose. **UK manufactured hose.**
- 1.5m suction hose & SEC connector.
- Self priming diaphragm pump & bypass valve. C/w switch & 1.8m mains cable.
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- **Option:** manual or automatic shut off nozzles.



AB.PKIM

Stk Code	Description	Max Run Time	Voltage	Max Flow	List £
AB.PKIM	230V manual nozzle	20mins	230V	30L/min	431.31
AB.PKI	230V automatic nozzle	20mins	230V	30L/min	517.30

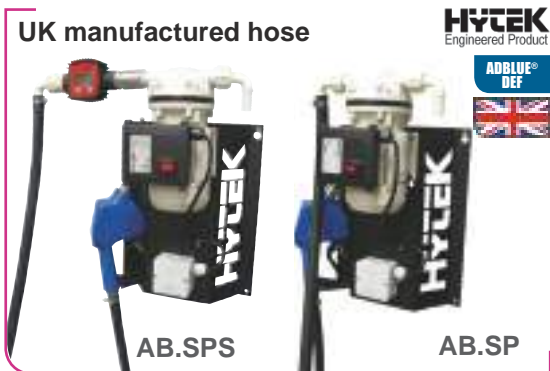
230V IBC Mount Meter Kit For AdBlue®

- Designed to fit 1000 litre Intermediate Bulk Containers.
- Supplied as a complete kit. Bracket mounts to the side of IBC.
- 6m x 3/4" delivery hose. **UK manufactured hose.**
- 1.5m suction hose & SEC connector.
- **Automatic shut off nozzle with stainless steel spout.**
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- Self priming diaphragm pump & bypass valve, c/w switch & 1.8m mains cable.
- **Kit also includes:** electronic meter, 5 digit register, 7 digit totaliser.
- **For hand pump kits see pages 39 - 40.**



AB.PKIA

Stk Code	Description	Max Run Time	Voltage	Max Flow	Accuracy	List £
AB.PKIA	230V automatic nozzle & meter	20mins	230V	30L/min	+/- 1%	660.14



230V Wall Mount Kit For AdBlue®

- Designed to be tank or wall mounted. Specially designed for use with AdBlue®.
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- Self priming diaphragm pump & bypass valve, c/w switch.
- 6m x 3/4" delivery hose. **UK manufactured hose.**
- **Automatic shut off nozzle with stainless steel spout.**
- Dimensions AB.SP - 510mm H x 330mm W x 250mm D.
- Dimensions AB.SPS - 520mm H x 380mm W x 250mm D.
- **Choose:** AB.SP - no meter. AB.SPS - with electronic meter.

Stk Code	Description	Max Run Time	Voltage	Max Flow	Accuracy	List £
AB.SP	230V automatic nozzle no meter	20mins	230V	30L/min	-	489.29
AB.SPS	230V automatic nozzle & meter	20mins	230V	30L/min	+/- 1%	648.23



230V Wall Mount Kit With Pulser For AdBlue®

- Wall/tank mounted pump for AdBlue® for connection to fuel management systems, gives a 10:1 ratio pulsed output. Weatherproof to IP55 for outdoor use.
- Digital display powered by 2 x AA batteries (included) 5 digit register, 8 digit totaliser. (gives 10:1 pulse output).
- Turbine pulse meter 88:1 (display above converts to 10:1).
- Built in nozzle hanger. 6m x 3/4" delivery hose. **UK manufactured hose.**
- **Automatic shut off nozzle with stainless steel spout.**
- Self priming diaphragm pump & bypass valve, c/w switch.
- Dimensions 520mm H x 380mm W x 250mm D.

Stk Code	Description	Max Run Time	Display	Voltage	Max Flow	Accuracy	List £
AB.SPSP	230V & 10:1 pulser	20mins	Yes	230V	30L/min	+/- 1%	881.73



ALPHA Pump For AdBlue®

- Specially designed for use with AdBlue®.
- Dispenser option available for use with submersible pumps.
- **See page 110 for more details.**
- **Free UK delivery.**
- **NEW** MID version for resale use, see page 122 (ALPHA/DSWAB).



Stainless Steel Fittings For AdBlue®

- For polypropylene fittings see page 19.

Stk Code	Description	List £
BSH.4.3SS	1" - 3/4" reducing bush s/s	10.64
ELB.4FFSS	1" F BSPP Elbow 90° s/s	6.64
ELB.4MFSS	1" M x F BSPP, elbow, 90° s/s	8.28
ENDGRV.1S	1" BSPT - 25mm hose tail	8.41
NIP.3SS	3/4" BSPT nipple s/s	4.16
NIP.4.3SS	1" - 3/4" M BSPP nipple s/s	5.98
NIP.4HSST	1" M BSPT hex nipple s/s	5.31
SKT.4SS	1" F BSPP socket s/s	7.80
SWIV.3S	3/4" M BSPP swivel hose tail s/s	13.25
UN.4FFSS	1" BSPP Union F x F s/s	15.46
UN.4MFSS	1" Union M BSPT x F BSPP s/s	19.10

Technical Specification Chart

Model	Volts	Amps	Motor Watts	L/Min	Biodiesel Grade	Seals	Self Prime	Disp Type	Acc +/-%	See Cat. Page
701	230	2.4	250	70	B30	Viton	Yes	Mech	2	103
1210.ATEX	12	20	190	57	B30	Viton	Yes	N/a	N/a	94
1224NX	12/24	30	250	95	B20	Nitrile	Yes	N/a	N/a	120
12BI	12	44	520	80	B5	Nitrile	Yes	N/a	N/a	94
12BIKIT	12	44	520	80	B5	Nitrile	Yes	N/a	N/a	97
12BIKIT2	12	44	520	80	B5	Nitrile	Yes	N/a	N/a	97
12H	12	28	330	62	B30	Nitrile	Yes	N/a	N/a	93
12H.K	12	28	330	50	B30	Nitrile	Yes	N/a	N/a	97
12HD	12/24	19/11	420	35/70	B30	Nitrile	Yes	N/a	N/a	93
12HD.K	12/24	19/11	420	35/70	B30	Nitrile	Yes	N/a	N/a	97
12P40	12	18	216	40	B30	Nitrile	Yes	N/a	N/a	92
12PA.BARE	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	93
12PA.CASE	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	93
12PA.K1BE	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12PA.K1CE	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12PA.KIT1B	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12PA.KIT1C	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12PA.KIT2B	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12PA.KIT2C	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
12SP18	12	4.5	50	18	B30	N/a	Yes	N/a	N/a	92
12SPA.KIT	12	4.5	48	18	B30	N/a	Yes	N/a	N/a	92
24BI	24	22	520	80	B5	Nitrile	Yes	N/a	N/a	94
24BIKIT	24	22	520	80	B5	Nitrile	Yes	N/a	N/a	97
24BIKIT2	24	22	520	80	B5	Nitrile	Yes	N/a	N/a	97
24P40	24	10	240	40	B30	Nitrile	Yes	N/a	N/a	92
24PA.BARE	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	93
24PA.CASE	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	93
24PA.K1BE	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.K1CE	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.KIT1B	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.KIT1C	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.KIT2B	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.KIT2C	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
4205.ATEX	12	20	190	76	B30	Viton	Yes	N/a	N/a	94
AB.BK	12	10	180	30	N/a	Viton	Yes	N/a	N/a	114
AB.BKA	12	10	180	30	N/a	Viton	Yes	N/a	N/a	114
AB.12BKIT	12	10	180	30	N/a	Viton	Yes	N/a	N/a	113
AB.12BKITA	12	10	180	30	N/a	Viton	Yes	N/a	N/a	113
AB.12IK	12	10	180	30	N/a	Viton	Yes	N/a	N/a	114
AB.12IKA	12	10	180	30	N/a	Viton	Yes	N/a	N/a	114
AB.12K	12	10	180	30	N/a	Viton	Yes	N/a	N/a	113
AB.12KA	12	10	180	30	N/a	Viton	Yes	N/a	N/a	113
AB.12PSC40A	12	10	180	34	N/a	Viton	Yes	N/a	N/a	113
AB.24IK	24	5	180	30	N/a	Viton	Yes	N/a	N/a	114
AB.24K	24	5	180	30	N/a	Viton	Yes	N/a	N/a	113
AB.24PSC40A	24	5	180	34	N/a	Viton	Yes	N/a	N/a	94
AB.P	230	1.85	400	34	N/a	Viton	Yes	N/a	N/a	99
AB.P.110	110	1.95	400	28	N/a	Viton	Yes	N/a	N/a	99
AB.PA	230	1.8	330	34	N/a	Viton	Yes	N/a	N/a	114
AB.PKI	230	1.8	330	30	N/a	Viton	Yes	N/a	N/a	115

Notes: 1. Motor Watts. 550 = ¾hp, 370W = 1/2hp 2. Fuel pump motors start under load & therefore draw very high initial current. 3. L/min figures are a guide only. Dependent on the tank & interconnecting pipework. 4. Pumps with electronic displays require constant supply voltage.

Continued over page

Model	Volts	Amps	Motor Watts	L/Min	Biodiesel Grade	Seals	Self Prime	Disp Type	Acc +/-%	See Cat. Page
AB.PKIA	230	1.8	330	30	N/a	Viton	Yes	Elec	2	115
AB.PKIM	230	1.8	330	30	N/a	Viton	Yes	N/a	N/a	115
AB.SP	230	1.8	330	30	N/a	Viton	Yes	Elec	2	116
AB.SPS	230	1.8	330	30	N/a	Viton	Yes	Elec	2	116
AB.SPSP	230	1.8	330	30	N/a	Viton	Yes	Elec	1	116
AB.TK	230	1.8	330	30	N/a	Viton	Yes	N/a	N/a	115
AB.TKM	230	1.8	330	30	N/a	Viton	Yes	N/a	N/a	115
ALPHA/40AB	230	3	330	40	N/a	EDPM	No	Elec	0.5	116
ALPHA/5050A	230	2x 16	2x 750	50	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/5050AFC	230	2x 16	2x 750	50	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/5070A	230	2x 16	2x 750	50/70	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/5070AFC	230	2x 16	2x 750	50/70	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/5090A	230	2x 16	2x 750	50/90	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/5090AFC	230	2x 16	2x 750	50/90	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/50A	230	16	750	50	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/50P	230	16	750	50	B30	Nitrile/Viton	Yes	Elec	0.25	109
ALPHA/7070A	230	2x 16	2x 750	70	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/7070AFC	230	2x 16	2x 750	70	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/7090A	230	2x 16	2x 750	70/90	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/7090AFC	230	2x 16	2x 750	70/90	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/70AFC10	230	16	750	70	B30	Nitrile	Yes	Elec	0.25	128
ALPHA/70A	230	16	750	70	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/9090A	230	2x 16	2x 750	90/90	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/9090AFC	230	2x 16	2x 750	90/90	B30	Nitrile	Yes	Elec	0.25	129
ALPHA/90AFC10	230	16	750	90	B30	Nitrile	Yes	Elec	0.25	128
ALPHA/90A	230	16	750	90	B30	Nitrile	Yes	Elec	0.25	108
ALPHA/DSAB	230	1	N/a	40	N/a	EDPM	No	Elec	0.5	110
CUBE53	230	3	350	56	B5	Nitrile	Yes	Mech	2	102
CUBE53P	230	3	350	56	B5	Nitrile	Yes	Mech	2	102
CUBE70	230	4.2	500	70	B5	Nitrile	Yes	Mech	2	102
DP110.17	110	0.6	69	17	N/a	EPDM	Yes	N/a	N/a	95
DP12.17	12	6	72	17	N/a	EPDM	Yes	N/a	N/a	95
DP12.4	12	3.5	42	4.3	N/a	EPDM	Yes	N/a	N/a	95
DP220.17	230	0.4	92	17	N/a	EPDM	Yes	N/a	N/a	95
ECON45	230	2.5	370	45	B30	Nitrile	Yes	Mech	2	103
ECON45.MAN	230	2.5	370	45	B30	Nitrile	Yes	Mech	2	103
ECON75	230	2.8	450	75	B30	Nitrile	Yes	Mech	2	103
ECON75.MAN	230	2.8	450	75	B30	Nitrile	Yes	Mech	2	103
EP120	230	5.7	750	95	B5	Nitrile	Yes	N/a	N/a	102
EP120.110	110	10	830	95	B5	Nitrile	Yes	N/a	N/a	102
EP80	230	3.5	500	75	B5	Nitrile	Yes	N/a	N/a	102
OIL.GEL220	230	4.0	851	20	B30	Nitrile	Yes	N/a	N/a	98
RD812	12	14	124	30	B20	Nitrile	Yes	N/a	N/a	94
SPH.PB	230	3	350	75	B100	Viton	Yes	Mech	2	104
SPH.PCTE	230	3	350	75	B30	Nitrile	Yes	Mech	2	104
SPH.PE	230	3	350	75	B30	Nitrile	Yes	Mech	2	104
SPH.PE110	110	10	750	75	B30	Nitrile	Yes	Mech	2	104
SPM.PEE	230	3	350	75	B30	Nitrile	Yes	Elec	0.5	105
SPM.PEP	230	4.2	500	72	B5	Nitrile	Yes	Mech	2	105
SPS.I	230	3	350	56	B30	Nitrile	Yes	Mech	2	120
SPS.P12	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	104
SPS.P24	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	104

Notes: 1. Motor Watts. 550 = ¾hp, 370W = 1/2hp 2. Fuel pump motors start under load & therefore draw very high initial current. 3. L/min figures are a guide only. Dependent on the tank & interconnecting pipework. 4. Pumps with electronic displays require constant supply voltage. **Continued over page**

Model	Volts	Amps	Motor Watts	L/Min	Biodiesel Grade	Seals	Self Prime	Disp Type	Acc +/-%	See Cat. Page
SPS.PB	230	3	350	56	B100	Viton	Yes	Mech	2	104
SPS.PCTE	230	3	350	50	B30	Nitrile	Yes	Mech	2	104
SPS.PE	230	3	350	50	B30	Nitrile	Yes	Mech	2	104
SPS.PE110	110	9	370	50	B30	Nitrile	Yes	Mech	2	104
SPS.PEE	230	3	350	56	B30	Nitrile	Yes	Elec	0.5	105
SPS.PEP	230	3	350	56	B5	Nitrile	Yes	Mech	2	105
SPT100K	230	3.5	750	100	B30	Nitrile	Yes	N/a	N/a	101
SPT120A	230	6.6	750	120	B30	Nitrile	Yes	N/a	N/a	100
SPT56	230	3	350	56	B5	Nitrile	Yes	N/a	N/a	102
SPT56.110	110	6.5	500	56	B5	Nitrile	Yes	N/a	N/a	102
SPT60A	230	3	350	56	B30	Nitrile	Yes	N/a	N/a	100
SPT60A.B	230	3	350	56	B100	Viton	Yes	N/a	N/a	100
SPT60A.K1	230	3	350	56	B30	Nitrile	Yes	N/a	N/a	100
SPT60A.K2	230	3	350	56	B30	Nitrile	Yes	N/a	N/a	100
SPT66K	230	3	340	66	B30	Nitrile	Yes	N/a	N/a	101
SPT72	230	4.2	500	72	B5	Nitrile	Yes	N/a	N/a	102
SPT80A	230	3	350	80	B30	Nitrile	Yes	N/a	N/a	100
SPT80K	230	3.5	750	80	B30	Nitrile	Yes	N/a	N/a	101
SPT90	230	4.9	700	90	B5	Nitrile	Yes	N/a	N/a	102
SPU.PCTE	230	6.6	750	90	B30	Nitrile	Yes	Mech	2	104
SPU.PE	230	6.6	750	90	B30	Nitrile	Yes	Mech	2	104
SPU.PEE	230	6.6	750	90	B30	Nitrile	Yes	Elec	0.5	119
SPU.PEP	230	4.9	700	90	B5	Nitrile	Yes	Mech	2	119
SUB.3.FS	230	2.3	250	80	B100	Nitrile	Yes	N/a	N/a	99
SUB.4	230	4.1	550	75	B100	Nitrile	Yes	N/a	N/a	99
VISCO	230	4.6	750	26	B100	Nitrile	Yes	N/a	N/a	98
VISCO.110	110	12.7	1200	26	B100	Nitrile	Yes	N/a	N/a	98
VISCO.110K	110	12.7	1200	26	B100	Nitrile	Yes	N/a	N/a	98
VISCO.12	12	35	300	10	N/a	Nitrile	Yes	N/a	N/a	92
VISCO.24	24	18	300	10	N/a	Nitrile	Yes	N/a	N/a	92
VISCO.90	230	6	1600	50	B100	Nitrile	Yes	N/a	N/a	98
VISCO.KIT	230	4.6	750	26	B100	Nitrile	Yes	N/a	N/a	98
VISCO.KITH	230	6	1600	50	B100	Nitrile	Yes	N/a	N/a	98
NEW PRODUCTS SECTION										
1224NX	12/24	30	250	95	B20	Nitrile	Yes	N/a	N/a	120
12PA.K1BE	12	22	140	40	B30	Nitrile	Yes	N/a	N/a	96
24PA.K1BE	24	12	140	40	B30	Nitrile	Yes	N/a	N/a	96
SPS.I	230	3	350	56	B30	Nitrile	Yes	Mech	2	120
ABPDS	230	5	N/a	30	N/a	Viton/PTFE	No	Elec	1	121
AB.12BKTMP	12	10	180	30	N/a	Viton	Yes	N/a	N/a	121
AB.BKTMP	230	1.8	330	30	N/a	Viton	Yes	N/a	N/a	121
ALPHA/DSWAB	230	5	N/a	30	N/a	EPDM	No	Elec	0.5	122
ALPHA/70WA	230	16	750	70	B30	Nitrile	Yes	Elec	0.25	122
ALPHA/90WA	230	16	750	80	B30	Nitrile	Yes	Elec	0.25	122
ALPHA/50WP	230	16	750	50	B30	Nitrile	Yes	Elec	0.25	122



Notes: 1. Motor Watts. 550 = ¾hp, 370W = 1/2hp 2. Fuel pump motors start under load & therefore draw very high initial current. 3. L/min figures are a guide only. Dependent on the tank & interconnecting pipework. 4. Pumps with electronic displays require constant supply voltage.

NEW
PRODUCT



1224NX

Fill-Rite

2 YEARS
WARRANTY

DIESEL

E15

KEROSENE

PETROL



Battery Dual Voltage - 95L/min - Continuously rated

- Ideal for filling fuel bowsers or when moving a large quantity of fuel.
- Suitable with petrol, diesel or biodiesel up to B30 & kerosene.
- Can pump fuel all day long, use on 12V or 24V no switching required.
- Pump automatically shuts off after 20 minutes if not being used.
- Continuously rated high speed 95L/min 12V or 24V ATEX certified pump.
- C/w switch, bypass valve & 6m long battery cable. **2 year warranty.**
- 2" M BSPP drum/tank adaptor. Heavy duty yet weighs only 12kgs.

Stk Code	Description	ATEX	Voltage	Max Flow	Inlet/Outlet	List
1224NX	12/24V 95L/min c/w switch	Yes	12V & 24V	95Lmin	1" F BSPT / 3/4" F BSPP	719.55

NEW
PRODUCT



UK manufactured hose 12PA.K1BE

HYTEK
Engineered Product

DIESEL



Battery Pump Kit - Economy - Bare - 40L/min

- Suitable with diesel or biodiesel up to B30.
- **This economy unit comes with a polyethylene manual nozzle & plastic foot valve/strainer.**
- Carry handle. On/off switch & bypass valve.
- **4m long battery cable & croc clips. 6m suction/delivery hose.**
- Suction foot valve & strainer must be fitted or warranty void.
- Weatherproof to IP54 for outdoor use.
- **For large quantities please contact us for a quotation.**

Stk Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet	List £
12PA.K1BE	12V economy manual kit - bare	30mins	12V	40L/min	3/4" F BSPP	164.77
24PA.K1BE	24V economy manual kit - bare	15mins	24V	40L/min	3/4" F BSPP	164.77

NEW
PRODUCT



UK manufactured hose SPS.I

HYTEK
Engineered Product

DIESEL



230V Diesel Pump Kit - IBC Mount - 56L/min

- Suitable with diesel or biodiesel up to B30.
- Designed to fit 1,000 litre Intermediate Bulk Containers.
- Supplied as a complete kit. Bracket mounts to the side of IBC.
- 4m x 1" delivery hose. Suction hose & IBC top seal (MT.BUNG).
- Self priming vane pump, bypass valve & integral filter.
- C/w switch, 2m long mains cable & plug. Automatic nozzle & meter.
- Built in nozzle hanger. Weatherproof to IP55 for outdoor use.

Stk Code	Description	Voltage	Max Flow	Accuracy	List £
SPS.I	230V 56L/min c/w meter	230V	56L/min	+/-2%	474.55

Remote Nozzle Hanger For Pumps - Diesel/AdBlue®

- Robust polyethylene pedestal/cabinet with removable back panel.
- Used when a remote nozzle hanger is required. Floor mount.
- Uses a hall effect switch. 12V DC, max 0.5amp.
- If connected to the Hytek ALPHA pump display (ALP.DISP.PCB.3A) it uses the 12V from our display as its power to operate & then the voltage it actually switches is 5V DC (generated by the ALPHA display).
- Uses a nozzle boot with a stainless steel spring, making it suitable for use with AdBlue® or diesel.
- **Dimensions:** 1530mm H x 155mm W x 300mm D.



HANG.PRNH

Stk Code	Description	Voltage	List
HANG.PRNH	Pedestal remote nozzle hanger with switch - floor mount	12V DC	532.00

Dispenser For AdBlue®

- Designed for use with submersible pumps. Floor mount.
 - This is an AdBlue® dispenser used to dispense AdBlue® into vehicles.
 - Robust polyethylene pedestal/cabinet with removable back panel.
 - **Display:** LCD with back light. Shows up to 999,999.9 litres, totaliser shows up to 999,999 litres.
 - **Meter:** Turbine +/-1%.
 - **Pulsar:** 10:1 or 100:1 for simple connection to fuel management systems.
 - **Dimensions:** 1530mm H x 155mm W x 300mm D.
 - Front mounted nozzle hanger (nozzle optional, see pages 13, 15 & 34).
 - Front outlet (delivery hose optional, see pages 24 - 25).
 - **Shear valve available, see page 149.**
 - Solenoid valve available, we can fit these for you (ALP.SOLVAL.AB).
- Please note** if more than 1 dispenser is fed via the same submersible pump a solenoid valve must be used to prevent unauthorised use.



ABPDS

Stk Code	Description	Voltage	Max Flow	Accuracy	Amps	Outlet	List
ABPDS	Pedestal mount AdBlue® dispenser	230V	40L/min	+/-1%	1A	1" F 3/4" F BSP	1432.52

12V/230V Top Plate Drum Mount Kits for AdBlue®

- This top drum mount frame pump kit is easy to move from drum to drum.
- Designed to fit AdBlue® containers that require a Trisure connector.
- Supplied as a complete kit. Self priming diaphragm pump & bypass valve, c/w switch & 2m battery cable & croc clips. Weatherproof to IP55.
- AF2 drum Trisure connector/suction tube assy with built in filter, venting system & non-return valve. 3 part suction tube up to 1050mm long.
- 6m x 3/4" delivery hose, manual nozzle & built in nozzle hanger.
- **UK manufactured hose.**
- **Option:** Choose 12V or 230V versions.



AB.BKTMP

Stk Code	Description	Max Run Time	Voltage	Max Flow	List
AB.12BKTMP	12V top plate mount drum kit	20mins	12V	30L/min	437.86
AB.BKTMP	230V top plate mount drum kit	20mins	230V	30L/min	437.86

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Available
Sept '19

NEW
PRODUCT



HYTEK
Engineered Product

2 YEARS
WARRANTY

ADBLUE®
DEF

MID



MK3

ALPHA Resale Dispenser - AdBlue® MID - For Resale

- This version of the industry standard ALPHA commercial **AdBlue®** dispenser is certified to the MID standard for resale use.
- For use with submersible pumps.
- This MID version allows the operators to sell fuel, no price indicator on display.
- Similar specification to the dispenser on page 110 but uses a different meter (MK325) oval gear with pulser 10:1 or 100:1.
- Choose the nozzle options you prefer see page 111.
- Shear valve available, see page 149.
- This **AdBlue®** version use the ALPHA MK3 stainless steel cabinet.
- Dimensions: 1245mm H x 550mm W x 530mm D.
- Versions with integrated fuel management systems are also available MID certified for the resale of fuel. See page 134 for more information.

MID APPROVED
FOR RESALE

On-site calibration required in accordance with
Measurement Instrument Directive Module F

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor	List
ALPHA/DSWAB	Dispenser right holster no nozzle (MID)	No	230V	30L/min	MID +/-0.5%	TBC	N/a	POA

NEW
PRODUCT



HYTEK
Engineered Product

2 YEARS
WARRANTY

DIESEL

MID



OIML

MK3

ALPHA Resale Pump - Diesel MID - For Resale

- These versions of the industry standard ALPHA commercial **diesel** pumps are certified to the MID standard for resale use.
- These versions allow the operators to sell fuel, no price indicator on display.
- Similar specification to the pumps on pages 107 & 108 but use a different pump unit (209A.PASSY.W).
- These **diesel** versions use the MK3 stainless steel cabinet.
- Dimensions: 1245mm H x 550mm W x 530mm D.
- **Choose the nozzle options you prefer see page 111.**
- Versions with integrated fuel management systems are also available MID certified for the resale of fuel. See page 134 for more information.

MID APPROVED
FOR RESALE

On-site calibration required in accordance with
Measurement Instrument Directive Module F

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor	List
ALPHA/50WA	50L/min right holster no nozzle (MID)	Yes	230V	50L/min	MID +/-0.5%	16A	750W	3424.38
ALPHA/70WA	65L/min right holster no nozzle (MID)	Yes	230V	65L/min	MID +/-0.5%	16A	750W	3542.05
ALPHA/90WA	80L/min right holster no nozzle (MID)	Yes	230V	80L/min	MID +/-0.5%	16A	750W	3659.13

NEW
PRODUCT



HYTEK
Engineered Product

2 YEARS
WARRANTY

MID

PETROL



OIML

MK4

ALPHA Resale Pump - Petrol MID - For Resale

- These versions of the industry standard ALPHA commercial **petrol** pumps are certified to the MID standard for resale use.
- These versions allow the operators to sell fuel, no price indicator on display.
- Similar specification to the pumps on page 109 but use a different pump unit (209A.PASSY.W).
- **This petrol version use a MK4 stainless steel cabinet.**
- Dimensions: 1450mm H x 550mm W x 490mm D.
- **Choose the nozzle options you prefer see page 111.**
- Versions with integrated fuel management systems are also available MID certified for the resale of fuel. See page 134 for more information.

MID APPROVED
FOR RESALE

On-site calibration required in accordance with
Measurement Instrument Directive Module F

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor	List
ALPHA/50WP	50L/min right holster no nozzle (MID)	Yes	230V	50L/min	MID +/-0.5%	16A	750W	3710.00

Introduction To Fuel Management Systems

124



Low Cost Fuel Management System

125



Medium Level Fuel Management System - MCSSL - With Mobile App

126



Medium Level Fuel Management System - FC05

127



Stand Alone Web Based Fuel Management System - FC20

128



Pump With Web Based Fuel Management System - FC10

129 - 130



Twin Pump With Web Based Fuel Management System

131 - 132



Multi Pump Fuel Management System Options

133



Tank Gauge Link To Fuel Management System

133



NEW PRODUCTS

134



What To Look Out For - Fuel Management Systems



Medium Level System MCSSL

- All fuel management systems (FMS) also known as fuel control systems (FCS) connect to the output of the meter in the fuel dispensing pump.
- This output is known as a pulsed output, commonly it's a 10:1 or 100:1 pulses per litre, however it can be 33.1 or different again, very often more modern day FMS/FCS can convert this ratio into the preferred 10:1 or 100:1 pulse ratio.
- Any figures produced by the FMS/FCS systems can only be as accurate as the fuel dispensing pump/meter it connects to.
- Please Note: A fuel management system is only as accurate as the meter on your dispensing fuel pump. Worn or damaged meters will result in inaccurate FMS reading.
- It is good practice to have a calibration check on your fuel dispensing pump/ meter before connecting an FMS/FCS.

Includes mobile app



Comprehensive System FC20.WM

Why are some FMS/FCS more expensive than others?

- Entry Level Systems** - Does not give MPG figures.
- Very often they allow the driver to enter inaccurate information hence making the reporting nonsense.
- These systems can be hardwired, or information downloaded via a data key, making the system inflexible.
- Shows limited reports.
- Ideal for the smaller operator or when limited reporting is required. Also acts as a basic security device to prevent unauthorised personnel from dispensing fuel.

Medium Level Systems - Includes vehicle MPG in the reports.

- More comprehensive reporting than the entry level systems but limited on how you can sort & display this data compared to the comprehensive system. Reporting is normally displayed via your internet browser.
- Manual data download via a USB memory stick.
- Sold to the smaller/medium fleet operator where the cost of the comprehensive system can't be justified.

Comprehensive Systems - Give full comprehensive reporting including MPG.

- Come with standard reports, also easy to make your own.
- Prevent inaccurate information from being inputted.
- Normally web based, giving access from almost anywhere in the world.
- Can be linked to accurate fuel tank gauging.
- Drivers can be locked out remotely. You can make changes/update remotely.
- Accepts off site fuelling data from most fuel card companies.
- Data can be exported to other PC packages.
- Extra security by making some or all drivers enter a pin code & mileage reading as well as inserting the driver/vehicle tag.
- Ideal when you want to know where your fuel is going, helps identify uneconomical drivers & vehicles.



FC20 Compact Unit - 12V, 24V or 230V

Also Available:

- FC20 Compact 12V or 24V battery powered systems for use on mobile fuel bowers or where mains power is not available.
- Full QWERTY keypad options for use with the FC20 system.
- Our systems can also be used to authorise truck/car wash systems.
- Contact us with your requirements.



Comprehensive System FC10

NEW Resale/MID versions now available. See page 134.

Low Cost Fuel Management System - Medium Level

SALES LITERATURE AVAILABLE

ADBLUE DEF

DIESEL

MPG

WIFI

LAN



ONLINE DEMO



HDA

Made in Germany, already a proven reliable FM system. Connects to one existing or new fuel pump (230V) the only requirement is a pulse output from the pump. **All set up by us to save you time on site, 24hrs from receipt of our questionnaire.**

The system comprises of the HDA FM terminal that includes the PC software (free automatic updates) & USB stick to download the transactions from the terminal to your PC. Just order the number of vehicle/driver tags required.

- Maximum number of users: 2,000. Dimensions 330mm H x 305mm W x 150mm D.
- Stores up to 10,000 transactions before downloading is required.
- Download fuelling data to the PC software using the USB stick provided.
- Can assign vehicle tags & driver codes or you can just use the tag on its own.
- Vehicle tags are a proximity type. You can lock & unlock tags.
- Easy to operate override switch (need to unlock main door to locate).
- Preset amount in litres can be set for each vehicle.
- Connects to pump via existing pulser (**check pulser spec required**).
- Compatible with a pulse meter ratio between 1 - 1000:1.
- Odometer entry option, odometer maximum distance option.
- Messages can be sent for drivers & vehicles to the FM terminal.
- Weatherproof for outdoor use, suitable for wall or tank mounting.
- **Options** WIFI (HDAW) or LAN (HDAL) prevents the need to download data with the USB stick.
- **Important:** Check with us for PC specification.

Allows The User To View:

- MPG & litres per hour reports. - Information by selecting a date range.
- Fuel used per vehicle/driver. - An operator by date or vehicle.
- Vehicle groups or departments. - An individual vehicle by date or operator.
- Transaction totals.

Pump With Fuel Management System - HDM/HDMH

- As above fuel control terminal but an integral unit i.e. above FM terminal fitted inside a compact fuel pump cabinet.
- 230V self priming pump unit. Pumping speed 50L/min or 85L/min.
- Nozzle operated on/off switch prevents the motor being left running.
- Meter accuracy +/-0.5%. Continuously rated motor with thermal cut out.
- Weatherproof to IP54. Integral filter & bypass valve.
- 4m x 1" delivery hose & automatic nozzle.
- Dimensions 470mm H x 550mm W x 340mm D.
- **Options** choose 50L/min or 85L/min pump.

SALES LITERATURE AVAILABLE

DIESEL

MPG

WIFI

LAN




HDM



HDAT

Multiple language standard options:



- English
- French
- German
- Czech
- Lithuanian
- Polish
- Norwegian
- Russian

PC Software Full Pro Version

Stk Code	Description	Accuracy	Max Flow	Voltage	Pulses	List £
HDA	FM terminal & PC software	-	-	230V pump connection only	1-1000ppl	1085.92
HDM	50L/min pump FM terminal & PC software	+/- 0.5%	50L/min	230V	1-1000ppl	2165.96
HDMH	85L/min pump FM terminal & PC software	+/- 0.5%	85L/min	230V	1-1000ppl	2574.59
HDAT	FM tags (one required per vehicle/driver)	-	-	-	-	8.65
Options						
HDAW	Communicates via WIFI/wireless	-	-	-	-	386.37
HDAL	Communicates via LAN/network	-	-	-	-	196.57

Medium Level Fuel Management System - MCS



SALES LITERATURE AVAILABLE

ADBLUE DEF

DIESEL

MPG

2 YEARS WARRANTY

MOBILE

ONLINE DEMO



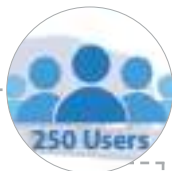
MCSSL



USB Download



Contact-less Tag
MCSSLT



Reports are available to view in a choice of formats:



Printed Reports



Excel Format



CSV Format



Sapphire Lite cloud based system. MCS have over 20 years of experience in FMS designed/manufactured in Denmark. This compact unit is Ideal for confined spaces.

Terminal Features

- Full QWERTY keypad makes odometer & data entry easy.
- Compact weatherproof unit, dimensions 240mm H x 270mm W x 70mm D.
- 110V or 230V AC as standard. 12V DC option available.
- Maximum users 250. Stores up to 4,000 transactions.
- Access via contactless tag per vehicle/driver (MCSSLT) or a 4-digit pin code per vehicle/driver (MCSSLVT). A combination of both can be used.
- Easy to operate secure override switch, unlock main door to access.
- Odometer input for accurate MPG figures. Large backlit display.
- Nozzle switch input option. Includes stainless steel mounting brackets.

View Information On Your PC/Tablet Or Smart Phone Via The Web

- Fuelling transactions can be downloaded from the terminal to your PC via the supplied secure USB flash drive/stick. Multiple site capabilities.
- Information can then be **uploaded** to the multi-user cloud based software.
- Fuelling transactions can be viewed in a time frame of your choice & includes vehicle MPG. Transactions data can be filtered by depot, vehicle or fuel type.
- Transaction totals for each vehicle or fuel dispenser.
- Data can be printed out or exported into either Excel or CSV file.
- Manage multiple site fuel stock levels, deliveries & dip readings.
- Multiple users can be set up to access reports/data via the cloud based software & multiple sites can be linked to the one cloud based software.
- No modem or SIM required.
- **Yearly data management/hosting/support fee after 1st year.**
- The cloud based software is kept up to date at no extra cost.
- **Optional 2 pump upgrade!** (MCSSLPUG).
Connect 1 x tank gauge via the on-board RS232/RS485 interface for automatic tank level readings & deliveries (MCSLTGI/MCSSLTGI2).

NEW Web-based version includes 3G modem & SIM 1st year.

- Automatically uploads transactions to the cloud software once per day.
- No USB data transfers required, ideal for unmanned sites.

The system is pre-programmed by us in receipt of questionnaire. Ask for our online demo

Stk Code	Description	List £
MCSSL	USB: Compact wall/tank mount terminal (includes 1st year data management /hosting fee)	1332.00
MCSSLT	Contactless tag 1 per vehicle/driver type	11.10
MCSSLVT	Includes 10 virtual tag users, enables access via 4-digit pin code (no contactless tag required)	66.64
MCSSLPUG	Upgrades terminal to control 2 fuel pumps/dispensers	208.56
MCSLTGI	Tank gauge interface Piusi OCIO	58.33
MCSLTGI2	Tank gauge interface OLE (T4020/T5020)	58.33
MCSLDM	USB: 2nd year data management/hosting fee 12 months (ongoing cost)	150.00
NEW MCSSLWEB	WEB: Compact wall/tank mount terminal (includes 1st year data management /hosting fee & SIM)	1994.67
NEW MCSSLSIM	WEB: 2nd year SIM card management contract 12 months (on going cost)	123.75
NEW MCSSLDMWEB	WEB: 2nd year web based hosting/support contract 12 months (on going cost)	218.72

Medium Level Fuel Management System - FC05

The FC05 utilises the same tried & tested technology used in our FC10 & FC20 systems, but only utilises a vehicle tag & odometer entry.

FC05 Terminal Features:

- Compact, robust, stainless steel, weatherproof design.
- Suitable for wall or tank mounting (pedestal option).
- Controls up to 2 fuel dispensers.
- Uses guaranteed-for-life datatags instead of keys or cards.
- Up to 127 different tags on any one system.
- Tags can be programmed with registration, odometer entry & fuel type at the terminal.
- Use keypad for odometer entry, fuel selection & tag programming.
- Extra datatags can be added, existing ones can be locked out.
- Datatags & system are configured at the FC05 terminal (follow the instructions on the display/screen).
- One datatag required per vehicle/driver (guaranteed for life).

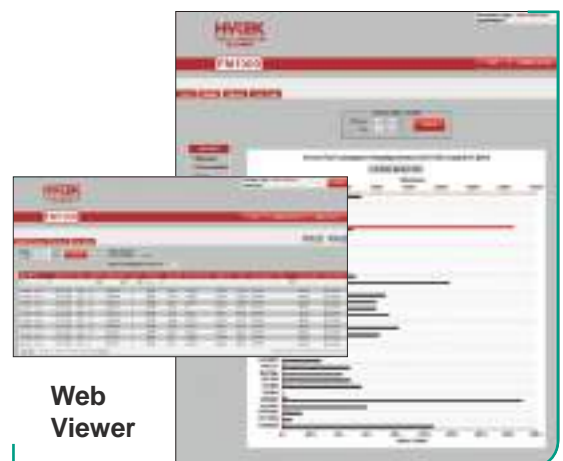
Information Available At The FC05 Terminal:

- Fuelling totals for each vehicle.
- Tank stock levels.
- Low tank stock warnings.
- Details of last fuelling.

Viewing Information On Your PC Via Your Internet Browser:

- Fuelling transactions can be downloaded from the FC05 terminal to your PC via a portable USB flash drive/stick.
- Information can then be imported into the cloud based software at the touch of a button.
- Fuelling transactions can be viewed in a time frame of your choice & includes vehicle MPG. Vehicle consumption graphs can be viewed & exported.
- Transaction data can be filtered by vehicle or fuel type.
- Transaction totals for each vehicle or fuel dispenser.
- Data can be printed out or exported into either Microsoft® Word® or Excel®.
- Multiple users can be set up to access reports/data via the cloud based software.
- Multiple sites can be linked to the one cloud based software.
- No modem or SIM required.
- There is a yearly fee for data management/hosting after the 1st year.
- The cloud based software is kept updated at no extra cost.

- All set up by us within 24 hours from receipt of our questionnaire to save you time on site.



Stk Code	Description	List £
FC05	Compact wall/tank mount terminal (includes 1st year data management/hosting fee)	2398.82
FC05.P	Pedestal/full cabinet terminal option (includes 1st year data management/hosting fee)	2557.04
FC05.TAGR	Datatag 1 per vehicle only type	8.40
FC05DM	2nd year data management/hosting fee 12 months (on going cost)	164.34

Comprehensive Fuel Management System - FC20

FC20WMC
Compact wall/tank mount



FC20WM.4
Full Size Wall/tank mount



FC20
Full Size Floor mount



- Ask for our online software demo.
- Includes CO² output readings on reports.
- Monitor from PC/phone/tablet via web browser.

Our **FC20** is the same system as supplied in our well proven ALPHA FC10 'Pump with fuel management system'. The **FC20** terminal connects 2 or 4 existing or new fuel pumps (only requirement is a pulse output from the pump). The system comprises of two parts - **FC20** terminal & **web based** software which collects data & provides a whole host of totalising & analysing tools.

FC20 Terminal:

- Uses virtually indestructible datatags instead of keys or cards.
- Up to 65,000 different datatags on any one system.
- Vehicle tag, odometer entry, odometer check & MPG calculation.
- Optional driver code &/or pin code entry. GPRS modem for remote access.
- User friendly web based system software.
- Flexible report writer enables a wide range of fuel usage analysis by vehicle, department, vehicle type, fuel type, time, date etc.
- Multiple site capability & data consolidation.
- All features included as standard. No optional extras to purchase.
- Installation & commissioning support available.

GPRS modem includes SIM card (Global data SIM cards available).

- No trenches to dig, ducting or cables to install, fitted as standard.

Datatags:

- Guaranteed for life, if it fails we'll give you a new one free.

Back lit LCD display:

- Clear even in direct sunlight or at night. Shows up to 9999.9 litres.

Numeric keypad:

Provides a second level of security. The keypad is vandal resistant & fully weatherproof. It's used for entry of PIN codes, driver codes or odometer readings.

Web Based Software System - Online Demo Available

Potentially can be accessed from a PC anywhere in the world, just requires an internet connection, a login ID & user password. Ideal for large fleets, multi-sites & multi-user applications. **See page 130 for full details.**

- Ethernet & WIFI options available.
- All set up by us within 24 hours from receipt of our questionnaire to save you time on site.

NEW Resale/MID versions now available. See page 134.

Stk Code	Total cost includes GRPS modem, web based software & commissioning	List £
	Total cost, FC20 wall/tank mount fuel control system - x 2 pumps - Compact	3925.47
	Total cost, FC20 floor mount fuel control system - x 2 pumps - Full Size	4256.47
	Total cost, FC20 wall/tank mount fuel control system - x 4 pumps - Full Size	4410.85
	Total cost, FC20 floor mount fuel control system - x 4 pumps - Full Size	4410.85
	Above total cost excludes datatags below	
FC20.TAGR	Datatag 1 per vehicle/driver type	8.40
SRENT.GPRS	2nd year SIM card management contract 12 months (on going cost)	212.42
FC10.WB.SUPP	2nd year web based hosting/support contract 12 months (on going cost)	224.61

ALPHA Pump With Comprehensive FMS - FC10

- Diesel is classed as a flammable liquid under the CLP Regulations. The Hytek ALPHA diesel pump has been ATEX certified to dispense diesel & Hytek has been ATEX certified.
- Ask for our online software demo.
- Includes CO² output readings on reports.
- Monitor from PC/phone/tablet via web browser.

ALPHA pump with Integral Fuel Management System (FC10):

- Uses virtually indestructible datatags instead of keys or cards.
- Up to 65,000 different datatags on any one system.
- Vehicle tag, odometer entry, odometer check & MPG calculation.
- Optional driver code &/or pin code entry. GPRS modem for remote access.
- User friendly web based system software. Multiple site capability.
- Flexible report writer enables a wide range of fuel usage analysis by vehicle, department, vehicle type, fuel type, time, date etc.
- All features included as standard. No optional extras to purchase.
- Installation & commissioning support available.

ALPHA pump 230V (see page 108 for full pump specification):

- Meter accuracy +/- 0.25%. Clear, backlit, easy to read LCD display.
- Lifetime & period totalisers are displayed constantly.
- Leave messages for specific drivers. Large display digits for fuel being drawn.
- Can be used with above or below ground tanks.
- Stores full information on the last 2000 refuelling operations.
- Integral GPRS modem for downloading the information.

GPRS modem includes SIM card (Global data SIM cards available).

No trenches to dig, ducting or cables to install, fitted as standard:

- Allows for remote diagnostics & support.
- Provides wireless communication between pump & PC.

Datatags:

Guaranteed for life, if it fails we'll give you a new one free. The datatag is a short-range proximity device. It's a 100% sealed plastic unit that is durable & hard-wearing. There are no moving parts break. It features:

- No electrical contacts to cause connection problems.
 - No batteries to replace or re-charge. Robust & sealed, guaranteed for life.
 - The datatags can be programmed with customer information prior to delivery.
 - The datatags can be programmed with the following fixed information: up to 65,000 tag numbers, 65,000 different site codes & 65,000 customer codes.
- They also carry variable information:
- Fuel type allowed & date that the datatag was last used, last odometer reading.
 - Access method required to draw fuel, i.e. does this tag require an odometer reading or not.
- For system prices see page 130.
 - Ethernet & WIFI options available.
 - All set up by us within 24 hours from receipt of our questionnaire to save you time on site.
 - Petrol version available, see page 109 for pump specification & new cabinet dimensions.

NEW Pump Resale/MID versions now available. See page 134.



Nozzle optional
Free UK delivery
Tank gauge link see page 133



ALPHA/70FC10

PETROL
MK4



ALPHA/50PFC

For Software Specification, Continue Over Page

Continued From Page 129

Web Based Software

Allows you to access all the relevant information to manage your fuel stocks.

Simple screen designs make it clear & easy to use.

Provides communication between PC & FC10 system/pump allowing you to download & view transaction information from the comfort of your PC.



Datatag Screen

Add, edit or delete datatags.

Send messages to any or all users.

Manage vehicles, fleet & driver details.

See page 132 for full web based software information.



ALPHA Pump With Comprehensive FMS - FC10

Web Based Software System - FOnline (see page 132 for full details).

Multi-user interface, means multiple users can be logged into the system at any one time, can be accessed by any user, anywhere in the world, via the internet (login ID & user password required). Automatically updates with the latest version, fully maintained, secure & backed up on servers.

The system comes with a number of pre-prepared reports supplying the regular information required by most fleet managers. These reports can be edited to suit your customers' needs or create new reports from scratch. Information can be sorted & totalled by vehicle, date, department, etc. Filters can be set to show the information for a particular vehicle, vehicle type, department, fuel type, etc.

Data can be imported from a whole range of third party fuel card services & integrated with transactions from the ALPHA FC10.

Refuelling transaction information:

The FC10 has no printer to jam or paper to absorb moisture, the transactions are viewed via the web. Each ALPHA FC10 can store information for up to 2000 separate refuelling operations, for each refuelling the following information is recorded:

- Time & date.
- Site code (site number).
- Datatag number.
- Fleet number.
- Registration number.
- Group or department number.
- Vehicle type code.
- Odometer reading, if required.
- Amount of fuel drawn.
- Type of fuel drawn.

System Report Screen

Software comes with 5 standard reports. Create your own reports simply & easily. Details every transaction.

Sort data by date, time, registration, amount taken etc.

Includes CO² output readings on reports Monitor from phone/tablet via web browser



The Alpha FC10 stores the information for each individual refuelling. Adding, totalling, reporting & printing are all done via the web based system software.

Back lit LCD display:

Clear even in direct sunlight or at night. The display features:

- User instructions.
- Fuel quantity currently being dispensed. Up to 9999.9 litres.
- Lifetime totaliser fixed. Period totaliser, which may be reset.
- Details of the last refuelling, date, time, fuel dispensed & user ID.

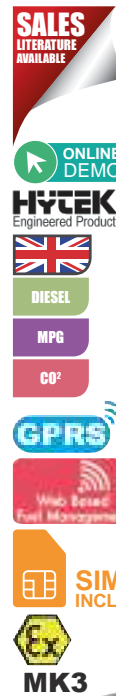
Numeric keypad:

Provides a second level of security. The keypad is vandal resistant & fully weatherproof. It's used for entry of PIN codes, driver codes or odometer readings.

Stk Code	Total cost includes GRPS modem, web based software & commissioning	List £
	Total cost, ALPHA pump 70L/min, FC10 system, ATEX certified (diesel)	5749.61
	Total cost, ALPHA pump 90L/min, FC10 system, ATEX certified (diesel)	5942.15
	Total cost, ALPHA pump 50L/min, FC10 system, ATEX certified (petrol)	6563.68
	(Above total cost excludes datatags (FC10.TAGR) & nozzles, see page 111 for nozzle options)	
FC10.2P	Expansion board, connects the above to a 2nd pump (diesel)	231.71
FC10.TAGR	Datatag for FC10 system - 1 per vehicle/driver type	9.26
SRENT.GPRS	2nd year SIM card management contract 12 months (on going cost)	212.42
FC10.WB.SUPP	2nd year web based hosting/support contract 12 months (on going cost)	224.61

ALPHA Twin Pump With Comprehensive FMS - FC10

- Diesel is classed as a flammable liquid under the CLP Regulations. The Hytek ALPHA diesel pump has been ATEX certified to dispense diesel & Hytek has been ATEX certified.
- Ask for our online software demo.
- Includes CO² output readings on reports.
- Monitor from PC/phone/tablet via web browser.
- Traditionally, if two pumps were required you purchased two separate pumps. Save money choose a twin pump.
- Pumping speed options for diesel: 50/50, 50/70, 50/90, 70/70, 70/90, 90/90L/min. Standard set up low speed on left, high speed on right.
- Choose 50 for cars/vans, 70 trucks, 90L/min for artics/plant vehicles, you can fill a van at the same time you fill an earth mover.
- Meter accuracy +/- 0.25%.
- Dual display option, if space permits you can pull up to the front or back of the pump & see the amount being dispensed.
- Integral fuel management system FC10 which includes a web based system. (One side keypad, other normal display).
- Both pumps are monitored using our web software.
- Front nozzle holsters not optional on FC10 systems/pumps.
- See page 108 for full details on our ALPHA Twin pumps & pages 129 - 130 for further information on our fuel management system FC10.
- All set up by us within 24 hours from receipt of our questionnaire to save you time on site, or you can set up on site.



Nozzles optional
Free UK delivery
Tank gauge link see page 111

50L/min	-	50L/min
50L/min	-	70L/min
70L/min	-	70L/min
70L/min	-	90L/min
90L/min	-	90L/min



Diesel/Diesel ALPHA/5050AFC

Stk Code	Total cost includes GRPS modem, web based software & commissioning	List £
	ALPHA twin pump & integral fuel control system (FC10)	
	Total cost, twin pump 50/50L/min, FC10 system, ATEX certified, diesel	7704.14
	Total cost, twin pump 50/70L/min, FC10 system, ATEX certified, diesel	7704.14
	Total cost, twin pump 70/70L/min, FC10 system, ATEX certified, diesel	7704.14
	Total cost, twin pump 50/90L/min, FC10 system, ATEX certified, diesel	7962.15
	Total cost, twin pump 70/90L/min, FC10 system, ATEX certified, diesel	7962.15
	Total cost, twin pump 90/90L/min, FC10 system, ATEX certified, diesel	8219.57
	(Above total costs excludes datatags (FC10.TAGR) & nozzles, see page 111 for nozzle options)	
FC10.TAGR	Datatag for FC10 system - 1 per vehicle/driver type	9.26
SRENT.GPRS	2nd year SIM card management contract 12 months (on going cost)	212.42
FC10.WB.SUPP	2nd year web based hosting/support contract 12 months (on going cost)	224.61

Web Based Software

Allows you to access all the relevant information to manage your fuel stocks.

Simple screen designs make it clear & easy to use.

Provides communication between PC & FC10/FC20 terminal allowing you to download & view transaction information from the comfort of your PC.



Datatag Screen

Add, edit or delete datatags.

Send messages to any or all users.

Manage vehicles, fleet & driver details.

Multi User Web Based Software - FOnline For FC10/FC20

- Ask for our online software demo.

- This is our latest web based software version (FC10.WB).
- For use with our FC20 & FC10 fuel management systems.
- See pages 128 - 131.
- Provides comprehensive fuel management reporting, for all fleet sizes, using an internet connection.
- This is a true web based application meaning the data can be accessed from any PC connected to the internet.
- Web access is protected by login ID & user password.
- Ideal for larger fleets, multi-site, multi-user applications requiring fuel management at a number of locations.
- Also suited to small fleet operators requiring the flexibility of easy access from any location.
- The customer can create password controlled access limits for users to specific screens & functions.
- Any number of users can access the web data via the internet browser on their PCs. No software installation is required at the customers' PCs.
- Hosting for the web based software is provided & supported by Hytek.

Features:

- Programming of vehicle datatags/fueller tags/driver details.
- Maintaining driver lockouts, running reports, stock control.
- Reports can be exported into Microsoft® Word® or Excel®.
- Accepts off-site fuelling data from major card companies.
- Multiple or single site.
- User friendly report generator.
- Date & time filtered reports. Vehicle totals. Individual transaction reports. Vehicle, group, department reports with mpg. Site stock reports. Low stock/re-order alarms. Driver reports. Service/MOT/Tax due reports.
- Flexible & easy to use. Data export to other software packages.
- **See page 130 for 2nd year hosting/support contract fee.**

Advantages:

- No software to be installed on customers' PC eliminating crashes.
- Minimal network requirements. Suitable for 1 to 1,000 locations.
- Access data anywhere in the world. Updates are instant!
- Real time monitoring.
- Saves all transactions that take place at the fuelling location, process them & displays in an easy to read format at any PC.

Client PC Specification:

- Check with us for PC specification.

System Report Screen

Software comes with 5 standard reports.

Create your own reports simply & easily.

Details every transaction.

Sort data by date, time, registration, amount taken etc.

Includes CO² output readings on reports

Monitor from phone/tablet via web browser



Pump Multiple Dispenser Options - FC10

When Multiple Dispensers Are Required On Site:

- Use a master FC10 linked to a slave version.
- 5 slaves can be linked to one master FC10 making it a 6 pump system.
- Also each slave has its own keypad so if you had accidental damage to one you can still use the others.

- Option: expansion board

- Connects ALPHA FC10 pump to a 2nd standalone pump.
- See pages 129 - 131 for details on ALPHA FC10.
- Stk code for expansion board only FC10.2P.



Stk Code	Total cost includes GRPS modem, web based software & commissioning	List £
	Total cost, 2 pump system 70L/min pump (1 x master 1 x slave)	8545.65
	Total cost, 2 pump system 90L/min pump (1 x master 1 x slave)	8739.04
	(Above total costs excludes datatags (FC10.TAGR) & nozzles, see page 111 for nozzle options)	
FC10.TAGR	Datatag for FC10 system - 1 per vehicle/driver type	9.26
SRENT.GPRS	2nd year SIM card management contract 12 months (on going cost)	212.42
FC10.WB.SUPP	2nd year web based hosting/support contract 12 months (on going cost)	224.61
FC10.2P	Expansion board, connects ALPHA FC10 to a 2nd standalone pump	231.71

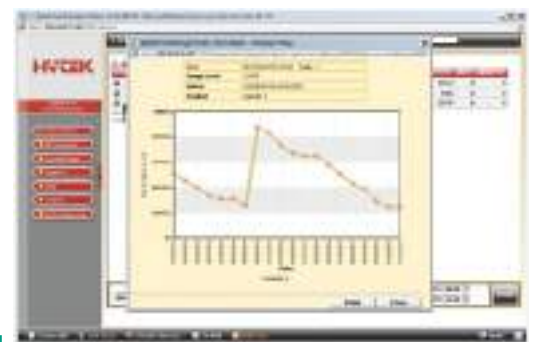
Tank Gauge Link To Fuel Management System - FC10/FC20



- Choose OCIO or O.L.E gauge link to our FC10 or FC20 fuel management systems.
- Links to the O.L.E T4020 (+/- 0.5%) or O.L.E T5020 (+/- 0.25%) gauges.
- See page 157 for O.L.E gauge information.
- Links to the Piusi OCIO gauge, see page 156.
- Gauge information is displayed within the FC10/FC20 web based software making it a true fuel control system package.
- Can connect up to 6 O.L.E gauges or 2 OCIO gauges, per unit at a time.
- The system will even provide early warning of tank leakage if unaccountable reductions in tank contents are recorded.
- Triggers low stock warnings via email & visual stock alerts on the software.
- Automatically logs fuel stock deliveries on the software.
- Normally it can be retro-fitted on site to old FC10/FC20 control systems, however please call to check details.



FC.TGE



Stk Code	Description	List £
FC.TGE	Hardware interface for 6 x O.L.E gauges	498.44
FC.OCIO	Hardware interface for 2 x OCIO gauges	498.44
FC10.485	RS485 adaptor for 6 x O.L.E gauges or 2 x OCIO gauges	101.37



Fuel Management System Resale/MID - FC20

- These versions of our comprehensive FC20 web based fuel management systems (FMS) are Certified to the MID standard for resale use.
- These versions allow the operators to sell fuel, no price indicator on display.
- Similar specification to the FC20 (FMS) on page 128.
- Choose wall/tank mount or floor mount cabinet.
- Available Integrated into our Industry standard ALPHA commercial diesel or petrol pumps & AdBlue® dispensers, Certified to the MID standard for resale use, see page 122 for more information.



On-site calibration required in accordance with Measurement Instrument Directive Module F

Stk Code	Description	List £
FC20.WWM.C	FC20 wall/tank mount (MID) - Compact	POA
FC20.WWM	FC20 wall/tank mount (MID) - Full Size	POA
FC20.W	FC20 floor/cabinet mount (MID) - Full Size	POA



ALPHA Pump & FMS Resale/MID - Diesel - FC10

- These integrated fuel management systems (FMS) versions of the industry standard ALPHA commercial diesel pumps with FMS (FC10) are certified to the MID standard for resale use.
- These versions allow the operators to sell fuel, no price indicator on display.
- Similar specification to the pumps on pages 107 & 108 but use a different pump unit (209A.PASSY.W).
- These diesel versions use the MK3 stainless steel cabinet.
- Dimensions: 1245mm H x 550mm W x 530mm D.
- **Choose the nozzle options you prefer see page 111.**



On-site calibration required in accordance with Measurement Instrument Directive Module F

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor	List £
ALPHA/70WAFD	FC10 65L/min right holster no noz. (MID)	Yes	230V	65L/min	MID +/-0.5%	16A	750W	POA
ALPHA/90WAFD	FC10 80L/min right holster no noz. (MID)	Yes	230V	80L/min	MID +/-0.5%	16A	750W	POA



ALPHA Pump & FMS Resale/MID - Petrol - FC10

- This integrated fuel management systems (FMS) version of the industry standard ALPHA commercial petrol pump with FMS (FC10) are Certified to the MID standard for resale use.
- These versions allow the operators to sell fuel, no price indicator on display.
- Similar specification to the pumps on pages 106 & 109 but use a different pump unit (209A.PASSY.W).
- **These petrol versions use a MK4 stainless steel cabinet.**
- Dimensions: 1450mm H x 550mm W x 490mm D.
- **Choose the nozzle options you prefer see page 111.**



On-site calibration required in accordance with Measurement Instrument Directive Module F

Stk Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor	List £
ALPHA/50WPFC	FC10 50L/min right holster no noz. (MID)	Yes	230V	50L/min	MID +/-0.5%	16A	750W	POA

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Introduction To Electric Vehicle Charging Stations

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Electric Vehicle Charging Stations

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Communications Hub

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Electric Vehicle Charging Station Accessories

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NEW PRODUCTS

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Electric Vehicle Charging Stations



Following the Government announcement in July 2017 that the UK will ban the sale of all petrol & diesel cars & vans by 2040, it is inevitable that the use of electric powered vehicles will rise over the coming years.

Electric vehicle sales in the UK increased by 27% in 2017, compared to the previous year. With over 100,000 EVs registered on the road & estimate that this number could rise to 500,000 by 2020.

With legislation & environmental concerns, commercial vehicle manufacturers will also be forced to develop lower emission vehicles.

Many of these vehicles will be powered by an electric cell or a combination of electric cell & petrol engine (Hybrid).

Within the past six months there has been an increase in electric powered commercial vehicles launched in the UK. These range from small vans through to 26 tonne lorries.

With this increase of electric vehicles into the UK, Hytek have teamed up with a British manufacturer to provide an attractive, reliable & robust vehicle charging solution.

Mode 3 Charging:

Mode 3 charging is the most common method of connection a vehicle to an electric charger in the UK, where the charger is permanently connected to the a.c. supply network.

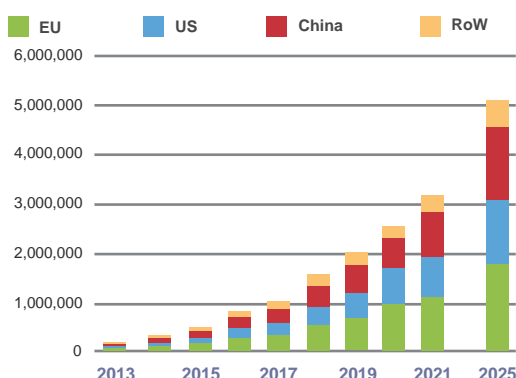
Type 1 & 2 Charging Plugs:

There are two varieties of charging plug used in the UK. Type 2 is the most common which can handle power up to 22kW & Type 1 that handles power to 7.4kW. All chargers need to be installed in accordance with BS 7671:2008 A3:2015 (IEE Wiring Regulations Seventeenth Edition).

OLEV Grant (Office for Low Emission Vehicles) Workplace Charging Scheme:

The Workplace Charging Scheme (WCS) is a Government voucher-based scheme that provides support towards the up-front costs of the purchase & installation of electric vehicle charge points, for eligible businesses, charities & public sector organisations. Similar to the domestic Homecharge (EVHS) Scheme, individual applications for funds are required. It is the responsibility of the OLEV Registered installer to claim. Please contact us for more information regarding the schemes.

Predictive Global Electric Vehicle Sales



NEW Tethered charge stations now available, these units are an ideal solution for application where the same vehicle will be charged every day and are more cost effective to install as a separate lead is not required and it saves the driver having to get the lead from the boot every time they need to plug in. **See page 140.**

For installations that require the flexibility to charge a number of different types of vehicle then the EO "Basic" with a universal socket is the preferred solution. EVs are normally supplied with a charging lead with a universal type two plug on one end specifically for this purpose.

For installations that may occasionally need to offer charging to different vehicles a universal socket and separate lead that is secured to the adjacent wall may be the best option as it allows the usual lead to remain with the charge station but will also allow for the occasional visiting vehicle to plug in with their own lead.

EO BASIC



3 year warranty

The EO “Basic” is a simple, affordable, easy to install, wall mounted electric charge station. Designed, manufactured & tested in the UK, it’s a perfect Mode 3 charging solution for the commercial work workplace. Using a universal Type 2 socket, the charge stations are suitable for charging all types of electric or plug-in vehicles. Installation needs to be in accordance with BS7671:2018 Section 722 of the IET Wiring Regulations 18th Edition. EO Charge stations now include 6mA DC leakage protection avoiding the need to install expensive Type B RCDs.

- **NEW** 6mA DC leakage protection.
- 7.2kW 32 Amp single phase charge station.
- Approx. charge time 7.2kW (3hr charge).
- Colour changing LEDs display current charging status.
- IEC 62196 (Type 2) charging socket.
- Standby power consumption 3W.
- Simple installation by slotting the charging station into the heavy duty stainless steel wall mounting back plate, secured with security screws.
- Weatherproof to IP54 for outdoor installation.
- 3 Year product warranty.
- Dimensions 360mm (H) x 165mm (W) x 155mm (D).
- A single or pair of chargers can be installed back to back using the optional stainless steel pedestal (EV.PED).

NEW Tethered lead options available see page 140



EV.CHG.7S

Stk Code	Description	Voltage	Current	Amps	List £
EV.CHG.7S	7.2kW Basic Electric Vehicle Charging Station	230V	7.2kW	32 A	450.00

EO GENIUS



3 year warranty



Like the EO “Basic” above, but when connected to the EO Hub (EV.HUB), the “Genius” allows you to control your vehicle charging from a mobile app or via the EO Cloud software. This will allow you to monitor electricity usage, and run reports & is eligible for the OLEV Workplace Charging Grant, (please ask for details). Using a universal Type 2 socket allows the flexibility to charge all types of electric vehicles. Installation needs to be in accordance with BS7671:2018 Section 722 of the IET Wiring Regulations 18th Edition. EO Charge stations now include 6mA DC leakage protection avoiding the need to install expensive Type B RCDs.

- **NEW** 6mA DC leakage protection.
- Choose from either 7.2kW (32 Amp, 1ph) or 22kW (32 Amp, 3ph).
- Approx. charge time 7.2kW (3hr charge), 22kW (1hr charge).
- Colour changing LEDs display current charging status.
- IEC 62196 (Type 2) charging socket. Standby power consumption 3W.
- Simple installation by slotting the charging station into the heavy duty stainless steel wall mounting back plate, secured with security screws.
- Weatherproof to IP54 for outdoor installation. 3 Year product warranty.
- Dimensions 360mm (H) x 165mm (W) x 155mm (D).
- A single or pair of charging stations can be installed back to back using the optional stainless steel pedestal (EV.PED).



EO Hub not included, see page 138 for EV.HUB
EV.CHG.7G

Stk Code	Description	Voltage	Current	Amps	List £
EV.CHG.7G	7.2kW Genius Electric Vehicle Charging Station	230V	7.2kW	32A	700.00
EV.CHG.22G	22kW Genius Electric Vehicle Charging Station	415V	22kW	32A	760.00

Simply add the eoHUB (EV.HUB) to unlock all the software functionality (web portal & smartphone app).

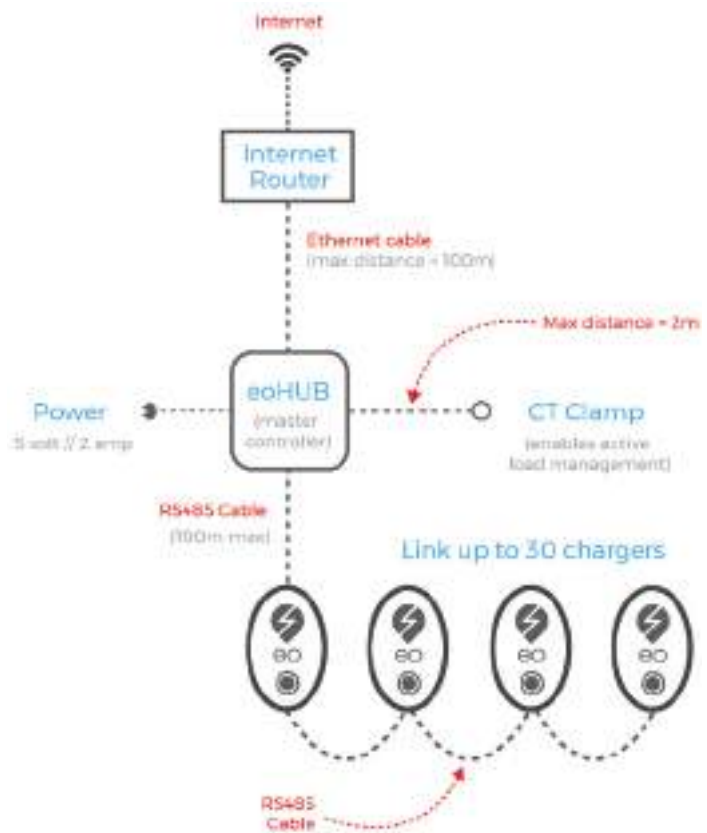


Communications Hub



EV.HUB

- The eoHUB is a compact internet connected unit that plugs into a EO “Genius” charging station & puts it online (cloud based).
- The eoHUB when used with eoSoftware allows you to stop & start charge, schedule a charge & monitors all electricity used showing the data via your mobile phone (eoApp) or via the internet (eoCloud).
- One eoHUB can connect up to 30 “Genius” charging stations, making installing multiple smart charging stations cost effective.
- The eoHUB monitors a buildings power supply & actively manages the load where multiple charging stations are in use.
- Hardwire internet connection or GSM connection available.
- The eoHUB comes complete with the first 3 years subscription to eoSoftware.



- The eoSoftware gives access to the online data portal making the mobile phone app (eoApp) & the online (eoCloud) data visible.
- Use eoAPP to control your charging station from anywhere in the world. Start, stop, pay-for (where installed) & schedule charge from the palm of your hand.
- Use the cloud on the internet (eoCloud) to monitor your electricity consumption, allow & restrict access to one or many charging stations, set pricing & generate revenue (where applicable) & can link home & workplace charging to record benefit-in-kind tax.

Stk Code	Description	Voltage	List £
EV.HUB	eoHUB internet connection unit including first 3 year software subscription	230V	400.00
EV.HUB.SOFT	Additional 3 year eoSoftware subscription (on going cost)	-	150.00

Charging Leads

The Type 1 charging leads are for electric vehicles that are equipped with a Mode 3 Type 1-J1772 socket.

- 32amp single phase allowing charge up to 7.4kw.
- 5m & 10m, lightweight, flexible, resistant "Run Over" cable.
- J1772 plug complete with padlock facility.
- CE & TUV Approved.
- Leads suitable for use with Kia, Mitsubishi, Nissan, Toyota & Vauxhall vehicles.



EV.CAB.T1.5

The Type 2 charging leads are the most common charging lead in use & are for electric vehicles that are equipped with a Mode 3 Type 2 IEC62196 socket.

- 32amp single phase allowing charge up to 7.4kw.
- 5m & 10m, lightweight, flexible, resistant "Run Over" cable.
- IEC62196 plug.
- CE & TUV Approved.
- Leads suitable for use with Audi, BMW, Mercedes, Volkswagen & Volvo vehicles.



EV.CAB.T2.5

The Type 2 3 phase power charging leads are designed for fast charging & are for electric vehicles that are equipped with a Mode 3 Type 2 IEC62196 socket.

- 32amp single phase allowing charge up to 22kw.
- 5m & 10m, lightweight, flexible, resistant "Run Over" cable.
- IEC62196 plug.
- Leads suitable for use with Audi, BMW, Mercedes, Volkswagen & Volvo vehicles.



EV.CAB.3PH.5

The EV tester is designed to fully test a charging point for compliance with IEC61851 Mode 3 either following installation or during general servicing.

- For use with single or 3 phase Mode 3 EV charger points.
- Housed in a lightweight, rugged GRP enclosure.
- Conducts earth, RCD & Contactor testing & ensures communication compliance.

The integrated floor mounted stainless steel post allows the installation of one or two electric vehicle charges back to back where wall mounting is not possible.

- Dimensions 1350mm (H) x 100mm (Diameter).
- Base Plate 300mm x 210mm x 6mm.
- Slots for electrical cable access.



EV.POST.1

Stk Code	Description	Voltage	Current	Amps	List £
EV.CAB.T1.5	5m x T1 – T2 32amp Charging Lead	230V	7.4kW	32A	165.00
EV.CAB.T1.10	10m x T1 – T2 32amp Charging Lead	230V	7.4kW	32A	199.00
EV.CAB.T2.5	5m x T2 M-F 32amp Charging Lead	230V	7.4kW	32A	159.00
EV.CAB.T2.10	10m x T2 M-F 32amp Charging Lead	230V	7.4kW	32A	207.00
EV.CAB.3PH.5	5m x T2 M-F 32amp 3ph Charging Lead	400V	22kW	32A	199.00
EV.CAB.3PH.10	10m x T2 M-F 32amp 3ph Charging Lead	400V	22kW	32A	267.00
EV.POST.1	Stainless Steel Post for Mounting a Single Charge Station	-	-	-	244.00
EV.POST.2	Stainless Steel Post for Mounting Twin Charge Stations	-	-	-	254.00

3 year warranty



Tethered Charging Stations



EV.CHG.7T1

NEW Tethered charge stations now available, these units are an ideal solution for application where the same vehicle will be charged every day and are more cost effective to install as a separate lead is not required and it saves the driver having to get the lead from the boot every time they need to plug in.

For installations that require the flexibility to charge a number of different types of vehicle then the EO “Basic” with a universal socket is the preferred solution. EVs are normally supplied with a charging lead with a universal type two plug on one end specifically for this purpose.

For installations that may occasionally need to offer charging to different vehicles a universal socket and separate lead that is secured to the adjacent wall may be the best option as it allow the usual lead to remain with the charge station but will also allow for the occasional visiting vehicle to plug in with their own lead.

Stk Code	Description	Cable	Voltage	Current	Amps	List £
NEW EV.CHG.7T1	7.2kW Tethered Type 1 Wall mount EV Charging Station	5m	230V	7.2kW	32 A	585.00
NEW EV.CHG.7T2	7.2kW Tethered Type 2 Wall mount EV Charging Station	5m	230V	7.2kW	32 A	585.00

Notes

Pipe Fittings

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Oil Lifters & Filters

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Fire Valves, Ball Valves, Gate Valves & Check Valves

146 - 149



Caps & Adaptors

150 - 151



Overfill Limiters

151 - 152



Tank Gauges

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Tank Gauge Web Logger

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Tank Alarms

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Security & Fill Point Cabinets

164



Pipework Systems & Leak Detection Kit

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Road Tanker Fittings

169



NEW PRODUCTS

170



Brass Compression Fittings

Only sold in multiples of 10

Primaflow



Elbows

Equal Tees

- A range of brass compression fittings to EN1254.2
- **Minimum order quantity of 10 per fitting type.**

Only sold in multiples of 10

Primaflow



Stop Ends

Olives

Only sold in multiples of 10

Primaflow



Straight Connectors

Only sold in multiples of 10

Primaflow



Straight Reducers

Stk Code	Description	List £
CELB10	Elbow 10mm x 10mm	2.56
CELB15	Elbow 15mm x 15mm	2.54
CELB10.3/8M	Elbow 10mm x 3/8" M BSPT	4.43
CELB10.1/4M	Elbow 10mm x 1/4" M BSPT	4.05
CTEE10	Equal tee 10mm	3.59
CEND10	Stop end 10mm	2.01
CEND15	Stop end 15mm	2.29
CST10	Straight 10mm x 10mm	2.14
CST10.3/8M	Straight 10mm x 3/8" M BSPT	2.00
CST10.1/4M	Straight 10mm x 1/4" M BSPT	2.50
CST10.1/2M	Straight 10mm x 1/2" M BSPT	3.20
CST15.3/8M	Straight 15mm x 3/8" M BSPT	2.81
CSTR15.10	Straight reducers 15mm x 10mm	2.98
COL10	Olive 10mm	0.66

Black Iron Pipe Fittings

- A range of black iron pipe fittings.
- For stainless steel fittings see page 116.
- For galvanised fittings range see pages 193 - 194.

Stk Code	Description	List £
NIP.2.3/8B	Reducing nipple 1/2" - 3/8" M BSPT	2.84
NIP.4.2B	Reducing nipple 1" - 1/2" M BSPT	4.97
NIP.2HB	Hexagon nipple 1/2" M BSPT	1.40
NIP.4HB	Hexagon nipple 1" M BSPT	2.25
NIP.2BB	Barrel nipple 1/2" M BSPT	1.84
NIP.4BB	Barrel nipple 1" M BSPT	3.42
NIP.6BB	Barrel nipple 1 1/2" M BSPT	4.58
NIP.8BB	Barrel nipple 2" M BSPT	6.87
BSH.4.2B	Reducing bush 1" M - 1/2" F BSPT	2.25
BSH.4.3BLK	Reducing bush 1" M - 3/4" F BSPT	2.06
BSH.6.4BK	Reducing bush 1 1/2" M - 1" F BSPT	3.66
BSH.8.6B	Reducing bush 2" M - 1 1/2" F BSPT	4.70
ELB.2MFB	Elbow 1/2" M/F BSPT	1.84
ELB.4MFB	Elbow 1" M/F BSPT	3.48
ELB.4FFB	Elbow 1" F/F BSPT	2.98
ELB.6FFB	Elbow 1 1/2" F/F BSPT	7.70
ELB.8FFB	Elbow 2" F/F BSPT	9.62
TEE.2B	Equal tee 1/2" F BSPT	1.92
TEE.4B	Equal tee 1" F BSPT	3.68
UN.4FFB	Cone union 1" F/F BSPT	8.91
SKT.3BK	Socket 3/4" F BSPP	1.76
SKT.4BK	Socket 1" F BSPP	2.57
SKT.8B	Socket 2" F BSPP	6.07
SKT.4W	Weldable socket 1" F BSPP	1.70
PLG.2BK	Plug 1/2" M BSPT	1.17
PLG.4BK	Plug 1" M BSPT	1.71



NIP.2.3/8B

NIP.2BB



ELB.2MFB

BSH.4.2B



PLG.4BK

TEE.2B

UN.4FFB



SKT.4W

SKT.3BK

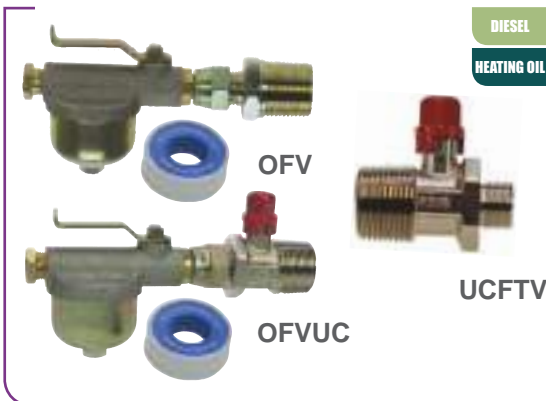


2 YEARS WARRANTY
BIOFUEL
DIESEL
HEATING OIL

Oil Lifters - OUF 88

- Automatically lifts oil from a storage tank.
- Eliminates the need for a day storage tank.
- Internal pump ensures continuous oil supply to appliances.
- Must be installed to OFTEC regulations.
- Choose from either 3.5L or 12L capacities.
- **Option:** drip trays available with leak detection.
- **If sited outside a weatherproof cover must be fitted.**
- 'Auto fill' on the initial priming of the unit. Power surge protection for PCB.
- Diagnostic flashing light shows if a warning situation occurs.
- 230V inlet/outlet connection 3/8" BSP.
- **OL3.5** dimensions 335mm H x 240mm W x 130mm D.
- **OL12** dimensions 345mm H x 330mm W x 225mm D.
- **Important:**
 If not installing a drip tray/leak detector the overflow connection must be connected back to the storage tank.
- **2 year warranty.**

Stk Code	Description	Max Lift	Reservoir	Piping	Max Flow 1	Max Flow 2	List £
OL3.5	Oil lifter 3.5L	8m vertical	3.5L	8mm ID	8L/hr @ 8m vertical	15L/hr @ 5m vertical	681.55
OL12	Oil lifter 12L - MAXI	8m vertical	12L	8mm ID	8L/hr @ 8m vertical	15L/hr @ 5m vertical	854.91
OL3.5DT	Drip tray/leak detector for OL3.5	-	-	-	-	-	161.03
OL12DT	Drip tray/leak detector for OL12	-	-	-	-	-	225.63



DIESEL
HEATING OIL

Oil Tank Filter Valve Assembly

- Oil filter & lever action isolation valve. Outlet 10mm compression.
- Inlet 1/2" F BSPP swivel, c/w 1/2" male BSPP - 1" male BSPT tank adaptor.
- Weight 320g (without adaptor). Supplied in a bag c/w a reel of PTFE tape.
- **OFVUC** as OFV with 1/4 turn valve built into the 1" M tank adaptor & is 10mm longer.
- **UCFTV** with 1/4 turn valve built into the 1" M tank adaptor (no filter or valve handle).

Stk Code	Description	Micron	Ports	Max Flow	List £
OFV	Oil filter/valve assembly	50	1/2" F BSPP - 1" M BSPT	151 L/hr at 1m head	20.89
OFVUC	As above with 1/4 turn valve built into the adaptor	50	1/2" F BSPP - 1" M BSPT	151 L/hr at 1m head	25.49
OFV.F	Spare filter	50	-	-	7.86
UCFTV	Ultra compact fuel tank valve only	-	1/2" M BSPP - 1" M BSPT	-	13.01



FAG
BIOFUEL
DIESEL
HEATING OIL

Bowl Filter - FAG

- Aluminium bowl filters for small bore fuel lines.
- Unscrew bowl from head to remove filter basket.

Stk Code	Description	Micron	Ports	Max Pressure	Max Temp	List £
OF3/8A	3/8" FAG	100	3/8" F BSPP	29psi (2 bar)	90°C	12.12
OF1/2A	1/2" FAG	100	1/2" F BSPP	29psi (2 bar)	90°C	22.21

Bowl Filter - Crossland Style

- An industry standard oil filter with 2 hole mounting bracket.
- Aluminium bowl filters for small bore fuel lines. Choose 1/4" or 3/8" ports.
- **Unique design:**
This product has been engineered so when the bowl is removed the oil in the filter bowl is contained & does not leak through the screw hole at the bottom. Unscrew the bowl from the head to remove the filter basket.
- **Spare filters available:** choose OFCF red old bowl filter & OFCFG green new bowl filter. **IMPORTANT:** these spare filters are not interchangeable.

DIESEL
HEATING OIL



OF3/8CG

Stk Code	Description	Micron	Ports	Max Pressure	Max Flow	List £
OF1/4CG	1/4" kit - replaces OF1/4CS (18489)	10	1/4" F BSPP	50psi (3.4 bar)	20L/hr	21.48
OF3/8CG	3/8" kit - replaces OF3/8CS (19489)	10	3/8" F BSPP	50psi (3.4 bar)	20L/hr	21.48
OFCFG	Spare filter GREEN bowl (fits above kits only)	10	-	-	-	4.92
OFCF	Spare filter RED bowl (489)	10	-	-	-	4.92

Hytek Day Tank Controller - ATEX Certified

- ATEX certified for use with diesel & petrol.
- Designed to automatically authorise the filling of a day storage fuel tank when the liquid drops to a pre-determined level. The controller will automatically stop the filling when the upper level is reached & provide an alarm if the liquid rises to the point at which an overflow is imminent.
- LED lights indicate the pump activity status as well as when the upper level & overflow levels are reached.
- Output relays inside controller to authorise pump & two external alarms.
- Weatherproof enclosure with keyway mounts.
- 230V or battery powered. High powered alarm sounder 90dB at 1m.
- Test button checks probes, beacon, sounder & external pump.

HYTEK
Engineered Product

- UK
- DIESEL
- KEROSENE
- ADBLUE® DEF
- B100
- OIL
- PETROL
- WATER

230V Power



TA3A.DTC.P

TA.FA5 x3

Standard Versions Available for Use With:

- Diesel, Biodiesel, Heating Oil to B35 – uses standard float switch (TA.FA5).
- AdBlue®/water – choose stainless steel float switch (TA.FA.SS5).
- Petrol – choose float switch (TA.FA.P5).
- All the float switches are universal i.e. can be used for upper or overflow level & pump/filling start level (see page 162 for full details).
- 230V alarm box, xenon beacon (TA3A.DTC.P).
- Battery alarm box, no xenon beacon (TA3A.DTC.B).
- Relays are a switch only, not a power source, rated at 250V, 5amps/100VA max.

Battery Power



TA3A.DTC.B

TA.FA5 x3

Float Switches Options (see page 162 for full details).

Remote Warning Device Option (see page 163 for full details).

Stk Code	Description	List £
TA3A.DTC.P	230V powered day tank controller (up to 3 x float switches required)	254.21
TA3A.DTC.B	Battery powered day tank controller (up to 3 x float switches required)	239.96
TA.FA5	5m float switch for diesel/B100/oil	44.91
TA.FA.P5	5m float switch for petrol	61.46
TA.FA.SS5	5m float switch for AdBlue®/water	61.46

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

NEW 5 year warranty

BIOFUEL
HEATING OIL

Fire Valves 1/4" - Professional



FV.3.90.P

- Our professional fire valves are a reliable & cost effective alternative to other well known brands.
- Simple to install, fail-safe in operation.
- Can be tripped & reset so testing can be carried out regularly.
- Resettable valve for closing the oil feed lines of boilers, burners & AGAs in the event of a fire.
- Capillary thermostatic fire valve approved to OFTEC standard OFS E101:2015.
- Must be installed according to BS5410 Part 1.
- Supplied with 1/4" connections.
- **Optional** compression fitting 10mm x 1/4" F BSPT (CST10.1/4M).
- Standard temperature settings 65°C (OFCERT Licence No.0953051501) & 90°C (OFCERT Licence No.0953051502).
- Choose capillary lengths from the list below.
- Tested in accordance with the revised British Standard (BN EN ISO 23553-1:2014).

NEW 5 year warranty

Stk Code	Description	Capillary	Shut Off	Ports	List £
FV.1.5.65P	Fire valve	1.5m	65°C	1/4" F BSPT	36.77
FV.3.65P	Fire valve	3m	65°C	1/4" F BSPT	40.46
FV.6.65P	Fire valve	6m	65°C	1/4" F BSPT	45.57
FV.3.90P	Fire valve	3m	90°C	1/4" F BSPT	45.27

BIOFUEL
HEATING OIL

Fire Valves - Free Fall



FV.1.FF

- Suitable for installation in either horizontal or vertical pipework.
- Are designed to provide a positive 100% shut off when used as a fuel isolating valve, or opening when used as a dump valve.
- This assembly comprises of: 1" F BSPT valve, lever, weight & fitting kit.
- Manufactured in cast iron. Can be actuated mechanically or electronically.
- Suitable for fuel oils & gases at pressures of up to 203 psi (14 bar).

Stk Code	Description	Ports	List £
FV.1.FF	Free fall fire valve kit	1" F BSPT	459.00



Oil Line Warning Tape



OWT

- Lay above buried pipework.
- 75mm wide x 50m long rolls.
- Reads 'Caution - Oil Pipeline Below'.

Stk Code	Description	List £
OWT	Warning tape (50m roll)	12.25

Fuel Pipe Detector Mesh



- Lay above buried plastic pipework.
- Can be detected with a cable detector to warn of pipes below.
- Should be used for all non-metallic pipe runs.
- 200mm wide x 100m long rolls.
- Printed along the length reads 'Caution - Fuel Pipe Below'.



DETECT.MO

Stk Code	Description	List £
DETECT.MO	Detection mesh, 100m	195.11

Ball Valves - Lever & T Handle

- Good thread lengths for optimum pipe work connections.
- Internal seals are PTFE material. Body is brass nickel plated.
- Max pressure 362psi (25 bar). Parallel (BSPP) threads.
- Choose T handle or lever handle versions.



LBV.2A

SPECIAL.440

Stk Code	Description	List £
SPECIAL.440	1/2" BSPP Yellow - T Handle	7.95
LBV.2A	1/2" BSPP Blue Handle - Lever	6.14
LBV.4A	1" BSPP Blue Handle - Lever	13.87
LBV.6A	1 1/2" BSPP Blue Handle - Lever	30.19
LBV.8A	2" BSPP Blue Handle - Lever	37.72
LBV.12	3" BSPP Blue Handle - Lever	116.51

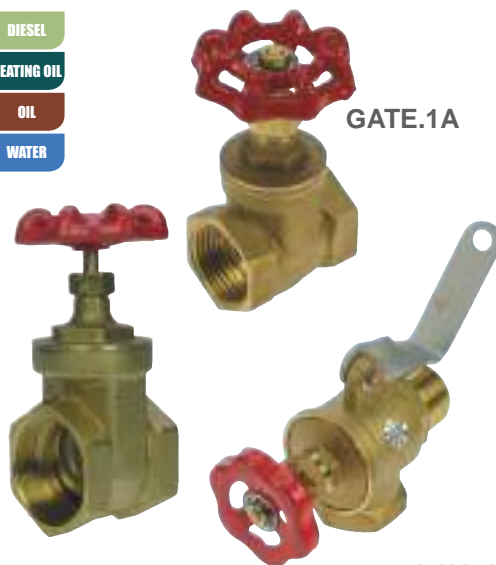
Gate Valves & Locking Angle Valve

Gate Valves

- Brass body.
- Choose 1" or 2" F BSPT.

Locking Gate Valves

- Brass body.
- Locking bracket can be padlocked when not in use.



GATE.2A

LAV1A

Stk Code	Description	List £
GATE.1A	1" F BSPT gate valve	15.02
GATE.2A	2" F BSPT gate valve	47.27
LAV1A	1" F BSPT angle valve	14.88

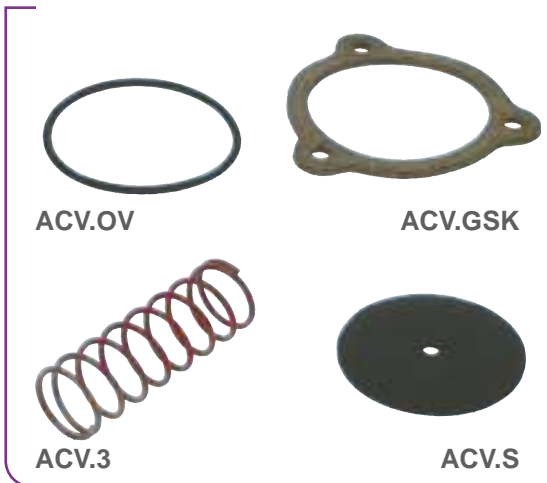


DIESEL
KEROSENE
PETROL

Check Valves - Angle & Inline

- Fitted in pump suction lines to prevent line drainage/loss of prime.
- Choose: 1½" or 2" F BSPT.
 - Angle (ACV) or inline (ICV).
 - Diesel & biodiesel up to B30 (**nitrile seals**).
 - Petrol & biodiesel up to B30 (**viton seals**).
 - Range of pressure springs available to prevent fuel loss on above ground storage tanks.
- To choose the correct spring pressure (psi), measure from ground level to the top of the tank (ft).
 - 6ft of head pressure = 3 psi (ACV.3)
 - 8ft of head pressure = 4 psi (ACV.4)
 - 10ft of head pressure = 5 psi (ACV.5)
 - 12ft of head pressure = 6 psi (ACV.6)

Stk Code	Description	List £
ACV.1N	1½" F BSPT angle diesel only	65.52
ACV.1V	1½" F BSPT angle petrol /diesel	65.52
ACV.1	1½" F BSPT angle petrol /diesel (UK)	83.89
ACV.2N	2" F BSPT angle diesel only	76.82
ACV.2V	2" F BSPT angle petrol /diesel	76.82
ACV.2	2" F BSPT angle petrol /diesel (UK)	102.63
ICV.1	1½" F BSPT inline petrol /diesel (UK)	153.75
Springs		
ACV.3	3 psi red spring (up to 6ft of head pressure)	5.78
ACV.4	4 psi black spring (up to 8ft of head pressure)	6.23
ACV.5	5 psi green spring (up to 10ft of head pressure)	6.60
ACV.6	6 psi blue spring (up to 12ft of head pressure)	6.60
Spares		
ACV.OV	Lid o-ring	3.31
ACV.GSK	Lid gasket (ACV.1, ACV.2, ICV.1, ICV.2)	2.88
ACV.S	Poppet seat	4.72
ACV.PB	Poppet assembly (ACV.1N/1V & 2N/2V)	4.96



Check Valves With Pressure Relief



DIESEL
KEROSENE
PETROL

- Hot weather, long hoses, hose run-overs & hose reels can cause pressure build up in pumping systems.
- These thermal relief poppets vent the pressure back to the tank preventing pressure build up.
- Stops damage to pumping equipment i.e. meter backs cracking & pump shaft seals leaking.
- Stops ZVA & ZVA style/type nozzles from letting fuel by causing fuel spillages.
- **Viton seals**.

Stk Code	Description	List £
ACV.1NVP	1½" BSPT ACV & relief	74.60
ACV.2NVP	2" BSPT ACV & relief	83.93
ACV.VPAV	Relief poppet only	45.01
ACV.VP2	Twin relief poppet only	53.74

Non-Return Valves

- Brass body. BSP female - female. Choose 3/8", 1", 1 1/2", 2", & 3".
- These valves open at 0.025bar (0.36psi) .

DIESEL
HEATING OIL



Stk Code	Description	List £
CHK.2M	2" M - F BSPT	79.65
CHK.1A	1" F - F BSPT	10.71
CHK.1	1" F - F BSPT - Eurostop	11.18
CHK.15	1 1/2" F - F BSPT - Eurostop	25.17
CHK.2	2" F - F BSPT - Eurostop	42.88
CHK.3	3" F - F BSPT - Eurostop	134.23

Anti-Syphon Valve - Choose Diesel Or Petrol Versions

- Choose the versions for diesel/biodiesel up to B30 (PR) or petrol (PR.L).
- Protects above ground tanks from syphoning. Includes inlet strainer.
- Max tank height from ground level 7.5m (PR), 6m (PR.L).
- (PR) can be mounted horizontally or vertically (see instructions).
- (PR.L) must be fitted horizontally near the dispenser (see instructions).
- (PR.L) can go up to a max flow of 166L/min by installing two valves.

HYTEK
Engineered Product
UK
DIESEL

Lafon

DIESEL
KEROSENE
PETROL



Stk Code	Description	Ports	Max Pressure	Max Flow	List £
PR	Anti-syphon valve - Hytek Engineered	1 1/2" F BSPT flanged	49psi (3.4 bar)	110L/min	456.93
PR.L	Anti-syphon valve - Petrol - Lafon	1 1/2" F BSPT flanged	49psi (3.4 bar)	83L/min	502.33

Anti-Syphon Valve - For Diesel Or Petrol - ATEX

- Suitable with petrol, kerosene, diesel/biodiesel up to B30.
- This valve is ATEX certified & can be used with petrol.
- High flow rate, copes with up to 200L/min.
- Protects above ground tanks from syphoning.
- Includes Inlet strainer.
- Max tank height from ground level 6m.
- Must be fitted horizontally near the dispenser (see instructions).

DIESEL
KEROSENE
PETROL
EX

NEW
PRODUCT



Stk Code	Description	Ports	Max Pressure	Max Flow	List £
PR.R	Anti-syphon valve ATEX for petrol & high flow	1 1/2" F BSPT flanged	49psi (3.4 bar)	200L/min	456.92

Shear Valve For AdBlue®

- Shear valve for use on pressure systems.
- Shears in the event of accident damage to the dispenser.
- Mounts underneath the AdBlue® dispenser.
- 1" BSPT female top outlet. 1" BSPT female inlet.
- Integral non-return valve opens at 20 mbar.
- Shears at 380 Nm.

UK
ADBLUE®
DEF



Stk Code	Description	Ports	Max Pressure	Max Flow	List £
SVAB	Shear valve for AdBlue®	1" F BSPT	290psi (20 bar)	40L/min	357.19

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Vent Caps & Drip Caps - Plastic

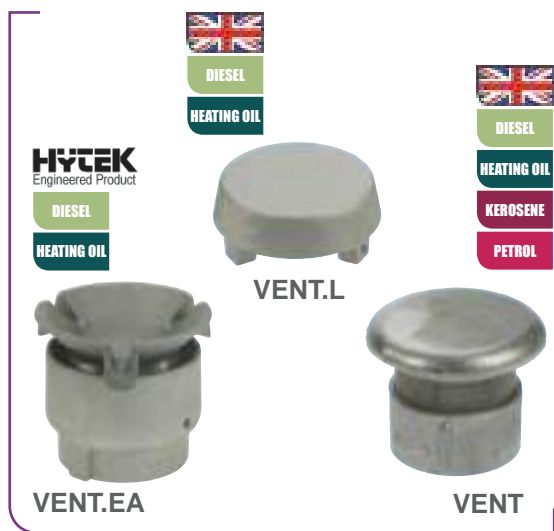
Vent cap, allows the tank to breathe.

- 2" plastic vent, non threaded, secure with screws provided.

Drip cap

- 2" BSPP plastic drip cap with retaining chain & clip.

Stk Code	Description	List £
VENT.PP	2" plastic vent cap (no thread)	2.05
CAP.2P	2" plastic drip cap & chain	2.84



Vent Caps - Aluminium

- Allows the tank to breathe. Robust cast aluminium body. **Choose:**

Non threaded versions (VENT.L & VENT.L3), no flame arrestor mesh, 2" or 3".

Threaded version c/w 40 mesh screen, 2" F BSPT (VENT.EA).

Threaded versions (VENT & VENT.3) c/w flame arrestor to BS EN ISO 16852:2016, dual size 1 1/2" & 2" or 3" F BSPT.

Stk Code	Description	List £
VENT.L	2" aluminium vent cap (no thread)	9.37
VENT.L3	3" aluminium vent cap (no thread)	22.88
VENT.EA	2" aluminium vent cap	19.06
VENT	1 1/2" & 2" vent cap c/w flame arrestor	28.74
VENT.3	3" vent cap c/w flame arrestor	76.49



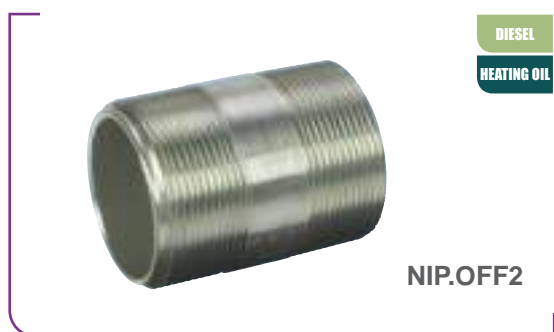
Drip Caps - Aluminium

- Cast aluminium drip caps with brass retaining chain.

- Parallel threads BSP with leather washer seal.

- **Note:** see parallel threaded flat face fill point nipples below.

Stk Code	Description	List £
CAP.2	2" aluminium drip cap	7.68
CAP.3A	3" aluminium drip cap	9.97



Fill Point Nipple - Aluminium

- This engineered nipple is specifically designed to terminate the fill pipe on above ground fuel storage tanks.

- Threaded BSP taper one end & BSP parallel the other.

- Leading flat edge to make a good seal with delivery nozzle.

- Easily replaced if worn or damaged.

- **Note:** see compatible drip caps above.

Stk Code	Description	List £
NIP.OFF2	2" fill point nipple	8.25
NIP.OFF3	3" fill point nipple	18.40

Threaded Fill Pipe Adaptors

- Provides a flat face parallel male BSP thread for fill pipes.
- Female thread with leather washer seal. Cast aluminium body.
- Rising pin engages with fill cap or dip & fill cap. Can be padlocked.



DIESEL
HEATING OIL
KEROSENE
PETROL



TFA.2

Stk Code	Description	List £
TFA.2	2" fill pipe adaptor	40.83
TFA.25	2½" fill pipe adaptor	45.34
TFA.3	3" fill pipe adaptor	48.95
TFA.4	4" fill pipe adaptor	52.43

Threaded Fill Point Caps

- Aluminium flat fill cap. Fits adaptor shown above.
- Female parallel BSP thread with leather washer seal.
- Can be locked when used with above adaptor.
- Use when tank dipping is not required.
- **Option combined dip & fill caps see page 188.**



DIESEL
HEATING OIL
KEROSENE
PETROL



FILCAP.2

Stk Code	Description	List £
FILCAP.2	2" F BSPP blank fill cap	24.32
FILCAP.25	2½" F BSPP blank fill cap	26.49
FILCAP.3	3" F BSPP blank fill cap	28.11
FILCAP.4	4" F BSPP blank fill cap	34.25

2" Overfill Prevention Valve - Plastic Tanks

- Suitable with clean diesel, biodiesel B30 or heating oil.
- For plastic tanks. Fits in place of the 2" BSPP fill nipple.
- Helps prevent above ground storage tanks being overfilled.
- Aluminium body. **Only 150mm of tank space lost.**
- Each valve is tested to EN13616:2004.
- **Note for AdBlue® overfill limiter see page 152.**



BIOFUEL
DIESEL
HEATING OIL



AOFILL.P

Stk Code	Description	Min Flow	Max Flow	Min Pressure	Max Pressure	List £
AOFILL.P	Plastic tank 2" overfill prevention valve	23L/min	580L/min	2.17psi (0.15 bar)	116psi (8 bar)	86.06

2" Overfill Limiter - Steel Tanks

- Suitable with clean diesel, biodiesel B30 or heating oil.
- For steel tanks. Screws into a 2" BSPP full socket.
- Helps prevent above ground storage tanks being overfilled.
- Aluminium body. **Only 150mm of tank space lost.**
- Each valve is tested to EN13616:2004.
- **Note for AdBlue® overfill limiter see page 152.**



BIOFUEL
DIESEL
HEATING OIL



AdBlue® version
see page 152



AOFILL.M

AOFILL.M.KIT

Stk Code	Description	Min Flow	Max Flow	Min Pressure	Max Pressure	List £
AOFILL.M	Steel tank 2" overfill prevention valve	23L/min	580L/min	2.17psi (0.15 bar)	116psi (8 bar)	81.95
AOFILL.M.KIT	Fitting tool	-	-	-	-	9.55



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BIOFUEL

DIESEL

HEATING OIL

2" Overfill Prevention Valve - Steel Tanks

- Suitable with clean diesel, biodiesel B30 or heating oil.
- Helps prevent above ground storage tanks being overfilled.
- **Only 59mm of tank space lost.**
- For a 2" fill pipe, fits into a 2" F BSPP full socket.
- Heavy duty gun metal body. Float rises & limits delivery flow.
- **Note for AdBlue® overfill limiter see below.**

AOFILL.N

Stk Code	Description	Min Flow	Max Flow	Min Pressure	Max Pressure	List £
AOFILL.N	Steel tank 2" Overfill prevention valve	20L/min	600L/min	0psi (0 bar)	100psi (7 bar)	326.40



HYTEK
Engineered Product

BIOFUEL

DIESEL

HEATING OIL

3" Overfill Prevention Valve - Steel Tanks

- Suitable with clean diesel, biodiesel B30 or heating oil.
- Helps prevent above ground storage tanks being overfilled.
- **Only 75mm of tank space lost.**
- For a 3" fill pipe, fits into a 3" F BSPP full socket.
- Heavy duty gun metal body. Float rises & limits delivery flow.
- **Note for AdBlue® overfill limiter see below.**

AOFILL.N.3

Stk Code	Description	Min Flow	Max Flow	Min Pressure	Max Pressure	List £
AOFILL.N.3	Steel tank 3" Overfill prevention valve	20L/min	1000L/min	0psi (0 bar)	100psi (7 bar)	638.20



ADBLUE® DEF

WATER

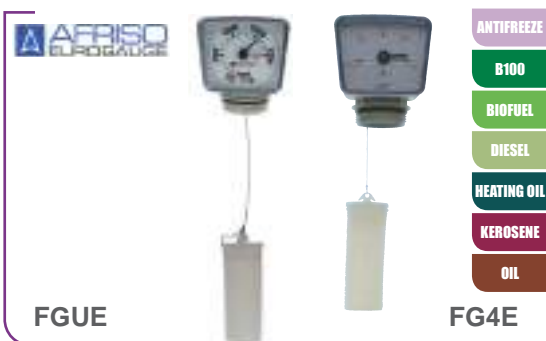
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2" Overfill Prevention Valve - For AdBlue®

- Specially designed for use with AdBlue®.
- Screws into a 2" BSPP full socket.
- Helps prevent above ground storage tanks being overfilled.
- **Only 150mm of tank space lost.**
- High density polyethylene float & viton seals, treated steel, brass, stainless steel.

AOFILL.ABR

Stk Code	Description	Min Flow	Max Flow	Min Pressure	Max Pressure	List £
AOFILL.ABR	2" Overfill prevention valve - AdBlue®	65L/min	600L/min	2.25psi (150 mbar)	116psi (8 bar)	533.33



ANTIFREEZE

B100

BIOFUEL

DIESEL

HEATING OIL

KEROSENE

OIL

Tank Gauge - Float Operated

- Suitable with diesel, heating oil, lube oils or water, antifreeze & B100.
- This gauge provides a simple, approximate indication of tank contents.
- Shows EMPTY ¼, ½, ¾ or FULL.
- Mounts directly into the top of tank.
- Choose the one that matches tank depth.
- FGUE adjustable version suits any tank up to 2.5m deep (shows 0-250cm).

FGUE

FG4E

Stk Code	Description	Height	Tank Connection	Accuracy	List £
FG2E	60.96cm (2ft)	60.96cm (2ft)	1½" M BSPP	+/- 5%	15.83
FG2.6E	76cm (2ft 6")	76cm (2ft 6")	1½" M BSPP	+/- 5%	15.83
FG3E	1m (3ft)	1m (3ft)	1½" M BSPP	+/- 5%	15.83
FG3.6E	1.07m (3ft 6")	1.07m (3ft 6")	1½" M BSPP	+/- 5%	15.83
FG4E	1.2m (4ft)	1.2m (4ft)	1½" M BSPP	+/- 5%	13.49
FG5E	1.5m (5ft)	1.5m (5ft)	1½" M BSPP	+/- 5%	15.83
FG6E	1.8m (6ft)	1.8m (6ft)	1½" M BSPP	+/- 5%	15.83
FGUE	Tanks up to 2.5m (shows 0-250cm)	Up to 2.5m	1½" M BSPP	+/- 5%	16.30

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Tank Gauge - Float Operated High Accuracy

- Suitable with diesel, heating oils, lube oils or water, antifreeze & B100.
- Dual movement mechanism for better accuracy.
- Has a larger more robust housing than a standard float gauge.
- Fully adjustable.
- Dial face reads 0 - 100%.
- Mounts directly into the top of the tank via a dual 2" or 1½" M BSPP thread.



- ANTIFREEZE
- B100
- BIOFUEL
- DIESEL
- HEATING OIL
- KEROSENE
- OIL



FGUHE

Stk Code	Description	Height	Tank Connection	Accuracy	List £
FGUHE	High accuracy for tanks up to 2m	0.9 - 2m	2" or 1½" M BSPP	+/- 3%	53.21

Sight Gauge - Push Button

- Suitable with diesel, oils & heating oils.
- Push button to read fuel level, release to close the sight valve.
- ½" BSPP connections. All male inlet, female outlet.
- Aluminium back shields can be formed to match tank shape.
- For spare tubing use **SGC** type only.

- DIESEL
- HEATING OIL
- OIL



SG.42

Stk Code	Description	Inlet/Outlet	Height	List £
SG.42	1.2m (4ft) x ½", aluminium	½" M BSPP / ½" F BSPP	1.2m (4ft)	19.90
SG.62	1.8m (6ft) x ½", aluminium	½" M BSPP / ½" F BSPP	1.8m (6ft)	24.21
SGC	Spare tubing, 30m coil	-	-	38.92

Sight Gauge - Push Button

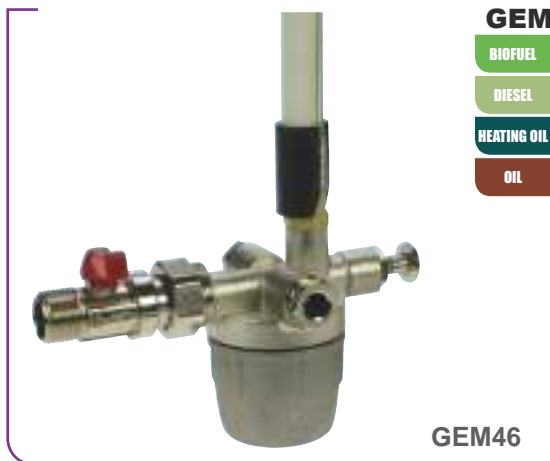
- Suitable with diesel, oils & heating oils.
- Push button to read fuel level, release to close the sight valve.
- Aluminium back shields can be formed to match tank shape.
- Has brass push button valve assembly.
- For spare tubing use **SGC.G** type only.
- SG.BALLG - green ball level indicator.

- DIESEL
- HEATING OIL
- OIL



SG.462G

Stk Code	Description	Inlet/Outlet	Height	List £
SG.462G	1.37m (4ft 6") x ½", aluminium shield	½" M BSPP / ½" F BSPP	1.37m (4ft 6")	27.05
SG.61G	1.8m (6ft) x 1", aluminium shield	1" M BSPP / 1" F BSPP	1.8m (6ft)	35.65
SGC.G	Spare tubing, 30m coil	-	-	56.42
SG.BALLG	Green ball level indicator	-	-	1.33



GEM

BIOFUEL

DIESEL

HEATING OIL

OIL

Sight Gauge - Push Button With Filter & Isolation Valve

- Suitable with diesel, oils & heating oils.
- Choose 4ft 6" or 6ft c/w bowl filter & isolation valve.
- Multiple direction outlet (from left/right).
- Simple pull to read valve.
- Corrosion resistant, zinc plated brass body.
- Gauge level marking kit.
- Litre calibration labels.
- C/w service pack containing spare filter & spare o-ring.

GEM46

Stk Code	Description	Inlet	Outlet	Height	List £
GEM46	GEM 1.37m (4ft 6") 1/2"	1/2" M BSPP	3/8" F BSPP	1.37m (4ft 6")	48.61
GEM6	GEM 1.8m (6ft) 1/2"	1/2" M BSPP	3/8" F BSPP	1.8m (6ft)	49.51
GEM.FILT	Spare filter/o-ring pack	-	-	-	6.52



ADBLUE® DEF

ANTIFREEZE

B100

BIOFUEL

DIESEL

HEATING OIL

KEROSENE

OIL

WATER

Tank Gauge - Apollo

- Reads oil level in storage tanks & sends reading to indoor receiver.
- Suitable with heating oil, kerosene, diesel & biodiesel B100.
- Fits onto any tank up to 3m deep. Easy to retrofit.
- Measures the oil level in the tank by ultrasonics.
- The transmitter needs a 20mm or 32mm hole on the tank.
- No power required at tank, gauge has a long life lithium battery.
- C/w receiver, plugs into a 230V socket displays level in ten graduations, can be up to 200m away from the tank.

APOL.1

Stk Code	Description	List £
APOL.1	Apollo oil level gauge	89.98



ADBLUE® DEF

ANTIFREEZE

B100

BIOFUEL

DIESEL

HEATING OIL

KEROSENE

OIL

WATER

Tank Gauge - Watchman Sonic

- Reads the oil level in the tank & transmits to an indoor receiver.
- Easy wireless installation, one 32mm hole in tank or 2" M BSP fitting.
- Up to 200m 'line of sight' range.
- C/w receiver display, plugs into 230V socket.
- Suitable for steel & plastic tanks. Fits tanks up to 3m in height.
- When oil drops to below 10% of tank volume a fuel dispensing symbol appears on the display. This symbol flashes when oil level drops below 5% indicating a new delivery is required.

WAT.G

Stk Code	Description	List £
WAT.G	Watchman sonic oil level monitor	116.50

Tank Gauge - Remote Readout %

- Improved design, simple hydrostatic tank contents gauge. Accuracy +/- 2%.
- Suitable with diesel, biodiesel, oils, water & AdBlue®.
- Readout dial can be sited up to 20m away from tank.
- Dual 1/2" & 1" M BSPP tank adaptor. Integral wall mounting holes.
- Shows percentage of full content.
- One version suits tanks from 0.9m to 3.0m high.
- Simply pull the plunger & release to show current contents.
- Calibrate on site to suit your particular tank.
- Above or below ground tanks. Dial face for rectangular/cylindrical tanks.
- Weatherproof unit suitable for outside mounting.

Stk Code	Description	Accuracy	List £
UNITOP	Percent readout	+/- 2%	136.28
UNITOP.CT	Spare condensate trap	-	12.75



- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- KEROSENE
- OIL
- WATER

Percent readout



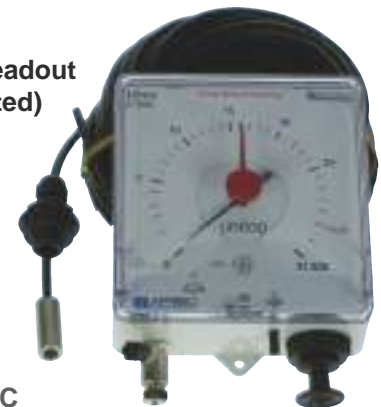
UNITOP

Tank Gauge - Remote Readout Litres

- Does the same job as the UNITOP gauge above however, it's factory calibrated in litres. Suits tanks from 0.9m to 4m high. Accuracy +/- 2%.
- **Fast delivery, 7 working days from the receipt of tank questionnaire that can be faxed or emailed to us.**

Stk Code	Description	Accuracy	List £
UNITOPC	Litres readout	+/- 2%	284.01

Litres readout (calibrated)



UNITOPC

Tank Gauge - Battery Powered +/- 0.5% - 0.25%

- Suitable with diesel, biodiesel, oils, water & AdBlue®.
- Readout can be sited up to 20m away from tank. Hydrostatic gauge.
- Universal tank adaptor 1", 1 1/2" & 2" M BSPP. Integral wall mounting holes.
- Digital display shows litres, cm & %.
- Suits tanks from 0 - 4m diesel (water/AdBlue® 3.5m).
- Max tank volume 99,999L.
- Accuracy +/- 1cm (2m high tank +/-0.5%, 4m high tank +/-0.25%).
- Powered by a 9V battery (supplied) no need to remove front cover to replace.
- Battery bar shows remaining life.
- Suitable with linear, spherical & horizontal cylindrical tanks only.
- % alarm 0-100% display flashes red & gives visual warning, no audible alarm.
- Display comes on after you press any button, gives tank level reading, has a backlight, times out after 60 seconds.
- Compatible with existing UNITOP/UNITEL gauge probes so upgrading is simple.
- Dimensions 188mm H x 100mm W x 65mm D.
- **Important:** if sited outside a weatherproof cover is needed.



- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- OIL
- WATER



BLUE = Tank Level
GREEN = Calibration/Set Up
RED = Error/Alarm



DTGB

Stk Code	Description	Accuracy	List £
DTGB	Battery tank gauge	+/- 1cm	309.27



SALES LITERATURE AVAILABLE

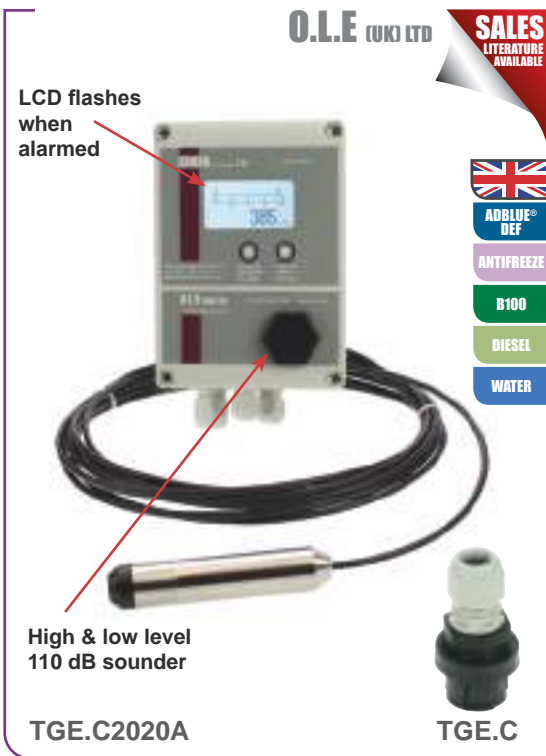
PIUSI

- ADBLUE® DEF
- BIOFUEL
- DIESEL
- OIL

Piusi Tank Gauge +/- 40mm - OCIO

- OCIO.F suitable with diesel, biodiesel up to B30. OCIO.O suitable with oils up to SAE 250. **OCIO.AB suitable with AdBlue®.**
- Hydrostatic tank contents gauge. 230V. Digital display.
- Weatherproof unit to IP55 suitable for outside mounting.
- Suits tanks 0.6 - 4m high (12ft). ½" M BSSP tank fitting for tank/tube.
- **Accuracy +/- 1% of full scale (+/- 40mm).**
- Gives continuous readout in litres, mm & %.
- Readout can be sited up to 10m away from tank. (50m option).
- 1 gauge required per tank. **Min. tank depth 60cm.**
- The following details need setting up on site:**
- Tank type & dimensions.
- Low & high levels with relay outputs. (Display flashes on alarm).
- Please note:** We are happy to set these gauges up for you at no extra cost, 24 hours from receipt of our tank questionnaire.

Stk Code	Description	Accuracy	List £
OCIO.F	230V tank gauge for fuel/B30	+/- 1% (40mm)	437.45
OCIO.O	230V tank gauge for oil	+/- 1% (40mm)	476.15
OCIO.AB	230V tank gauge for AdBlue®	+/- 1% (40mm)	473.24
OCIO.TUBE	Extra 50m coil of tubing	-	98.29



O.L.E. (UK) LTD

SALES LITERATURE AVAILABLE

- ADBLUE® DEF
- ANTIFREEZE
- B100
- DIESEL
- WATER

O.L.E Tank Gauge C2020 +/- 1%

LCD flashes when alarmed

High & low level 110 dB sounder

TGE.C2020A

TGE.C

- **Set up by us within 24hrs from receipt of our tank questionnaire** or can be set up from the front panel. **Accuracy +/-1% of tank capacity.**
- Suitable with diesel, biodiesel up to B100, AdBlue® & antifreeze.
- Suits tanks 0.3m - 3m high. Probe cable can be extended to 100m (TGE.CABLE).
- Electronic display with backlight (turns off after 1 hour). Weatherproof to IP55.
- Gives continuous readout in litres & shows a % bar.
- Power supply can be 230V, 110V or 24VDC.
- Includes 4-20mA output. Can connect to a BMS (building management system).
- Tank probes are an electronic pressure sensor with a 1" BSPT male fitting.
- Level probes must be suspended 50mm from the bottom of the tank.
- 1 gauge required per tank.
- Options:**
- TGE.C2020A with high/low level alarm, can also have a bund probe or water sensor. Version (TGE.C2020A5) for 5m high tanks.
- Choose between bund probe (TG.BP) or water bottom sensor (TG.WS).
- Important:**
- If extending the probe cable on non-ATEX O.L.E gauges low loss cable must be used (TGE.CABLE).

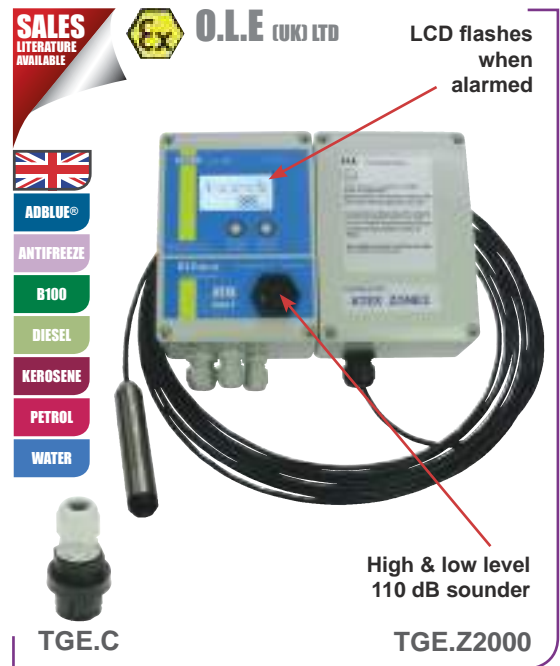
Stk Code	Description	Cable	dB	List £
TGE.C2020	Tank gauge kit 0.3m - 3m (AdBlue® 2.75m)	7m	-	390.00
TGE.C2020A	Tank gauge kit 0.3m - 3m c/w high/low level alarms (AdBlue® 2.75m)	7m	110	415.00
TGE.C2020A5	Tank gauge kit 0.3m - 5m c/w high/low level alarms (AdBlue® 4.58m)	10m	110	442.00
TGE.BP	Bund probe	6m	-	41.60
TGE.WS	Water bottom sensor (min 15mm of water required)	6m	-	67.60
TGE.C	Probe/tank adaptor fits a 30mm hole & seals	-	-	11.34

O.L.E Tank Gauge Z2000 - ATEX Certified +/- 1%

- Based on the popular O.L.E C2020 gauge but ATEX certified.
- **Set up by us within 24hrs from receipt of our tank questionnaire** or can be set up from the front panel. **Accuracy +/-1% of tank capacity.**
- Suitable with petrol, kerosene, diesel, biodiesel up to B100, AdBlue® & antifreeze.
- Suits tanks 0.3m - 3m high. Probe cable can be extended to 100m (TGE.ZCABLE).
- Electronic display with backlight (turns off after 1 hour). Weatherproof to IP55.
- Gives continuous readout in litres & shows a % bar.
- Power supply can be 230V, 110V or 24VDC.
- Includes 4-20mA output. Can connect to a BMS (building management system).
- Tank probes are an electronic pressure sensor with a 1" BSPT male fitting.
- Level probes must be suspended 50mm from the bottom of the tank.
- 1 gauge required per tank.

Options:

- Choose between bund probe (TGE.ZBP) or water bottom sensor (TGE.ZWS).
- Junction box, used to extend cable (TGE.P.ZJBOX & low loss vented cable TGE.ZCABLE).



Stk Code	Description	Cable	dB	List £
TGE.Z2000	ATEX tank gauge kit 0.3m - 3m c/w high/low level alarms (AdBlue® 2.75m)	10m	110	727.00
TGE.ZBP	ATEX bund probe	10m	-	207.00
TGE.ZWS	ATEX water bottom sensor (min 15mm of water required)	10m	-	207.00
TGE.C	Probe/tank adaptor fits a 30mm hole & seals	-	-	11.34
TGE.P.ZJBOX	ATEX tank mount probe junction box (use to extend cable)	-	-	88.40

O.L.E Tank Gauge T4020/T5020 +/- 0.25%

- This T5020 replaces the T4020, costs less money & offers better accuracy.
- **Set up by us within 24hrs from receipt of our tank questionnaire** or we can issue PC software for you to set up (TGE.S).
- **Accuracy +/-0.25% of tank capacity.**
- Suitable with diesel, biodiesel up to B100, AdBlue® & antifreeze.
- Suits tanks 1m - 10m high. Probe cable can be extended to 100m (TGE.CABLE).
- Electronic display with backlight (turns off after 1 hour). Weatherproof to IP55.
- Gives continuous readout in litres & shows a % bar. 1 gauge required per tank.
- Power supply can be 230V, 110V or 24VDC.
- Includes 4-20mA output & Modbus RS485 to connect to a BMS system.
- Tank probes are an electronic pressure sensor with a 1" BSPT male fitting.
- Level probes must be suspended 50mm from the bottom of the tank.
- Includes junction box (use to extend probe cable), on non-ATEX O.L.E gauges low loss cable must be used (TGE.CABLE).

Options:

- Choose between bund probe (TG.BP) or water bottom sensor (TG.WS).
- Relay board fits inside the gauge housing, 5 volt free outputs (TGE.R5).



Stk Code	Description	Cable	dB	LED	List £
TGE.T5020A	Tank gauge kit 0.3m - 1m c/w high level alarm, low level light (AdBlue® 2.75m)	10m	110	Low level	707.20
TGE.T5020A1	Tank gauge kit 3m - 5m c/w high level alarm, low level light (AdBlue® 4.58m)	10m	110	Low level	722.80
TGE.T5020A2	Tank gauge kit 5m - 10m c/w high level alarm, low level light (AdBlue® 9.17m)	10m	110	Low level	754.10
TGE.BP	Bund probe	6m	-	-	41.60
TGE.WS	Water bottom sensor (min 15mm of water required)	6m	-	-	67.60
TGE.R5	Relay board 5 volt free outputs	-	-	-	78.00

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

O.L.E (UK) LTD

SALES LITERATURE AVAILABLE

O.L.E Tank Gauge Z5020 - ATEX Certified +/-0.25%



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- Based on the popular O.L.E T4020/T5020 gauge but ATEX certified.
- **Set up by us within 24hrs from receipt of our tank questionnaire** or we can issue PC software for you to set up.
- **Accuracy +/-0.25% of tank capacity.**
- Suitable with petrol, kerosene, diesel, biodiesel up to B100, AdBlue® & antifreeze.
- Suits tanks 0.3m - 10m high. Probe cable can be extended to 100m (TGE.ZCABLE).
- Electronic display with backlight (turns off after 1 hour). Weatherproof to IP55.
- Gives continuous readout in litres & shows a % bar.
- Power supply can be 230V, 110V or 24VDC.
- Includes 4-20mA output & Modbus RS485 for connect to a BMS system.
- Tank probes are an electronic pressure sensor with a 1" BSPT male fitting.
- Level probes must be suspended 50mm from the bottom of the tank.
- 1 gauge required per tank.
- Includes junction box, (use to extend probe cable). Low loss vented cable must be used (TGE.ZCABLE).

Options:

- Choose between bund probe (TGE.ZBP) or water bottom sensor (TGE.ZWS).
- Relay board fits inside the gauge housing, 5 volt free outputs (TGE.R5).

TGE.Z5020

Stk Code	Description	Cable	dB	LED	List £
TGE.Z5020	ATEX tank gauge kit 0.3m - 3m c/w high level alarm, low level light (AdBlue® 2.75m)	10m	110	Low level	1039.00
TGE.Z50201	ATEX tank gauge kit 3m - 5m c/w high level alarm, low level light (AdBlue® 4.58m)	10m	110	Low level	1039.00
TGE.Z50202	ATEX tank gauge kit 5m - 10m c/w high level alarm, low level light (AdBlue® 9.17m)	10m	110	Low level	1066.00
TGE.ZBP	ATEX bund probe	10m	-	-	207.00
TGE.ZWS	ATEX water bottom sensor (min 15mm of water required)	10m	-	-	207.00
TGE.R5	Relay board 5 volt free outputs	-	-	-	78.00

O.L.E (UK) LTD

O.L.E Day Tank Controller - T4000



-
-
-
-

- Used to control the level in generator day tanks.
- Suitable with diesel, biodiesel B100 & AdBlue®.
- Four inputs used for pump control & fail safe.
- Low level input starts the pump & will keep the pump running until the high level input is triggered.
- In the event that the pump fails to start the low low level input will trigger the audible alarm & signals a BMS system if connected.
- In the event that the pump fails to stop pumping the high high input will trigger opening the pump relay, audible alarm sounds & signals a BMS system if connected.
- Pump relay is 240V, 6 A rated. Power supply can be 230V, 110V or 24VDC.
- LED indicators change colour to indicate status of system.
- Uses up to 4x float switches not provided (TGE.T4000FS) which come with a 1" BSPT male tank fitting.
- Can be connected to an O.L.E T5020 tank gauge which must have relay boards fitted. See page 157.
- Max. tank height 4m.

TGE.T4000FS

TGE.T4000

Stk Code	Description	Cable	dB	List £
TGE.T4000	Day tank controller (up to 4x TGE.T4000FS required)	-	110	322.40
TGE.T4000FS	Float switch & 1" tank fitting	6m	-	41.60

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Cloud Tank Gauge Web Logger

Addition to our tank gauges, links Piusi OCIO & O.L.E T4020/T5020, Veeder-Root TLS2 tank gauges via an interface to a Cloud Tank Gauge Web Logger.

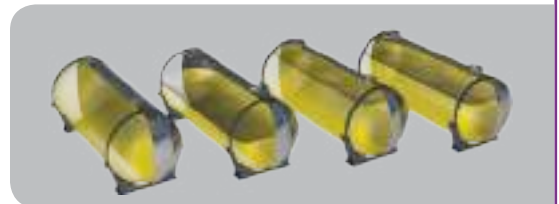
- Connect 1, 2, 4 or 8 tank gauges via a RS232/RS485 connection monitoring tank stock levels anywhere in the world.
- 110V or 230V AC input as standard.
- Real time uploads, or choose from hourly or daily, dependant on the data plan.
- Stock overview regional, national or global.
- Monitors site tank stocks from one screen, software not required at all locations.
- Events & updates automatically sent.
- Automatic stock reconciliation reports, graphs, summary of usage reports emailed. Full site reports temperature (gauge specific), ullage, stock levels & much more.
- Built in GPRS modem with 2G, 3G & 4G communication, 1st year SIM Card included with GPS tracking & location services.
- All housed in a weatherproof enclosure.
- Built in internal GSM & GPS antennas.
- Dimensions: 120mm H x 200mm W x 65mm D.
- **Option:** external GSM & GPS antennas for weak signal areas (MCSCGA).

Software

- Multi user, secure online web access via smartphone, PC or tablet.
- Monitors multiple sites from one screen.
- Displays current tanks stock levels, ullage, fuel stock deliveries & temperature (if available via the tank gauge it is linked to).
- Real time, hourly or daily tank gauge uploads.
- GPS location services linked to Google maps ideal for mobile tank tracking.
- Automatic emails can advise the fuel supplier &/or site manager of low stock levels, fuel deliveries & stock level updates.
- **Contact us for your online demo.**
- MCS have over 20 years of experience in FMS, designed/manufactured in Denmark.
- The system is pre-programmed by Hytek in receipt of questionnaire to save you time on site.



Monitors the gauges of 1, 2, 4 or 8 tanks



Access software & view reports via a range of devices

Stk Code	Description	List £
MCSCG	1 x tank gauge web logger – cloud based – includes 1st year Sim & web hosting/data man	850.77
MCSCG2	2 x tank gauge web logger – cloud based – includes 1st year Sim & web hosting/data man	952.90
MCSCG4	4 x tank gauge web logger – cloud based – includes 1st year Sim & web hosting/data man	1048.66
MCSCG8	8 x tank gauge web logger – cloud based – includes 1st year Sim & web hosting/data man	1181.45
MCSCGA	External GSM - GPS antennas if required	95.83
MCSCGSIM	2nd year sim card management contract 12 months (ongoing cost after year 1)	122.95
MCSCGDM	2nd year data management/hosting support contract 12 months (ongoing cost after year 1)	150.00



HYTEK
Engineered Product

UK

ADBLUE® DEF
B100
BIOFUEL
DIESEL
HEATING OIL
KEROSENE
OIL
PETROL
WATER

IEC IECEx

BA3A.BP

HLA3A.BP

Hytek Tank Alarm - Compact Kits - ATEX Certified

- Diesel is classed as a flammable liquid under the CLP Regulations, these Hytek alarms have been ATEX certified.
- Unlike most compact alarms on the market, it's a constant monitoring alarm & not a "push to test type".
- **Over 12,500 in use worldwide.**
- Compact design only 90mm square.
- Weatherproof to IP55.
- High powered sounder at 97dB at 1m with flashing light on top.
- Mute button stops the sounder, light still flashes.
- Battery operated (battery supplied type PP3 x1). 2 year battery life if tested weekly with no alarms.
- Tank float switch supplied with 5m long cable, flat plate & gasket. For steel tank choose options with 1½" F BSPP cap, prevents drilling the tank.



HYTEK
Engineered Product

UK

ADBLUE® DEF
B100
BIOFUEL
DIESEL
HEATING OIL
KEROSENE
OIL
PETROL
WATER

IEC IECEx

BA3A.BS

BA3A.BAB

Hytek Tank Alarm - Compact - Bund Kits

- Detects bund alarm situation in 1 tank, 97dB sounder & top flashing light.
- Battery supplied type PP3. 2 year battery life if tested weekly.
- Mute button stops sounder, light still flashes. ATEX certified.
- Float switch supplied with 5m cable. **Option:** plastic tank/open bund (flat plate & gasket) or steel tank (threaded cap 1½") float switch kits.
- **Choose:** version for diesel up to B100, heating oil to B35, kerosene & oil, one for AdBlue® /water & another for petrol.

Stk Code	Description	List £
BA3A.BP	Bund alarm kit, flat plate/gasket	83.04
BA3A.BS	Bund alarm kit, 1½" F BSPP cap	87.04
BA3A.BAB	AdBlue®/Water alarm kit, flat plate/gasket	99.97
BA3A.BSP	Petrol alarm kit, 1½" F BSPP cap	112.26



HYTEK
Engineered Product

UK

ADBLUE® DEF
B100
BIOFUEL
DIESEL
HEATING OIL
KEROSENE
OIL
PETROL
WATER

IEC IECEx

HLA3A.BS

HLA3A.BAB

Hytek Tank Alarm - Compact - High level Kits

- Detects overfill alarm situation in 1 tank, 97dB sounder & top flashing light.
- Battery supplied type PP3. 2 year battery life if tested weekly.
- Mute button stops sounder, light still flashes. ATEX certified.
- Float switch supplied with 5m cable. **Option:** plastic tanks (flat plate & gasket) or steel tank (threaded cap 1½") float switch kits.
- **Choose:** version for diesel up to B100, heating oil to B35, kerosene & oil, one for AdBlue® /water & another for petrol.

Stk Code	Description	List £
HLA3A.BP	High level alarm kit, flat plate/gasket	83.04
HLA3A.BS	High level alarm kit, 1½" F BSPP cap	87.04
HLA3A.BAB	AdBlue®/Water alarm kit, flat plate/gasket	99.97
HLA3A.BSP	Petrol alarm kit, 1½" F BSPP cap	112.26

Hytek Tank Alarm - ATEX Certified

- Diesel is classed as a flammable liquid under the CLP Regulations these Hytek alarms have been ATEX certified.
- Versions available for use with petrol.
- 3 channel alarm designed to detect overflow, low level/reorder level or bund alarm situations in 1, 2 or 3 tanks. **Over 19,000 in use worldwide.**
- Individual channel LED lights (stickers provided high, low or bund).
- 230V or battery powered. Weatherproof enclosure with keyway mounts.
- High powered alarm sounder 90dB at 1m.
- Test button checks probes, beacon & sounder. Relay outputs available.

Standard Versions Available For Use With:

- Diesel, biodiesel, heating oil to B35 – uses standard float switch (TA.FA5).
- AdBlue®/water - choose stainless steel float switch (TA.FA.SS5).
- Petrol - choose float switch (TA.FA.P5).
- Order the individual parts or complete kits.

One Alarm Box Can Have 3 Float Switches Connected Choose:

- High, low/reorder or bund alarm float configuration.
- One alarm box could be connected to 3 tanks showing high level alarm.
- One alarm box could show high, bund or low level alarm on 1 tank.
- LED channel lights & stickers show what each channel is being used for.

Choose The Options That Suit: (see page 162 for full details)

- All the float switches are universal i.e. can be used for high, bund or low level/reorder, just configure the dip switches inside the alarm box to activate the level alarm required.
- 230V alarm box, xenon beacon (TA3A.P), relay version (TA3A.PR).
- Battery alarm box, no xenon beacon (TA3A.B), relay version (TA3A.BR).
- The relay versions offer external outputs 1 per channel, they are a switch only & not a power source, not to be used to activate fuel pumps or safety valves. Output relay contacts rated at 250V, 5amps/100VA max.

Float Switches Options: (see page 162 for full details)

- Supplied with flat plate/gasket 5m or 10m diesel (TA.FA5 or TA.FA10), petrol 5m (TA.FA.P5), AdBlue®/water 5m stainless steel (TA.FA.SS5).
- Cable joiner weatherproof to IP68, extends float switch cable (TA.CABEXT).
- Extra cable sold per mtr use to extend float switches (TA.CABLE).
- Threaded cap to secure the float switch to a steel tank (TA.CAP) for 1 float switch, (TA.CAP2) for 2 float switches. Caps are 1½" F BSPP threaded.
- Caps prevent drilling the tank unlike the standard float switch plate/gasket.

Tank Alarm Kits For Diesel: (see page 163 for full details)

- Choose 230V kits without or with relays & battery kits without or with relays.
- Choose 1, 2 or 3 float switch kits include flat plate gasket & steel tank caps.
- Can replace the float switches for AdBlue®/water or Petrol versions.

Remote Warning Device 230V: (see page 163 for full details)

- For connection to our relay versions of our tank alarms; 3 channels, mute button, 90dB sounder, xenon beacon & weatherproof enclosure (RWD2).



TA3A.P

TA.FA.SS5
Stainless steel
float switchTA.FA5
Float switch

DIESEL

TA.CAP
Threaded
brass capTA.CAP2
Cap for 2 float switches

LEDs to show power, alarm or fault condition

Individual product labels supplied

Standard
20mm fuseFloat
configuration
switchesPlug & socket
field connectorsOptional
relay outputs

Batteries included on battery versions

These alarms are suitable for AdBlue® & water when used with our stainless steel float switch (TA.FA.SS5)

These alarms are suitable for Petrol when used with our petrol float switch (TA.FA.P5)

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Battery



TA3A.B

HYTEK
Engineered Product

- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- HEATING OIL
- OIL
- PETROL
- WATER

Hytek Tank Alarm - 3 Channel - Battery

- 3 channel alarm designed to detect overfill, low level/reorder level or bund alarm situations in 1, 2 or 3 tanks. Connect up to 3 float switches.
- Battery, weatherproof alarm box with individual channel LEDs (no beacon).
- High powered alarm sounder 90dB at 1m. Batteries supplied (type D x 4).
- Order the float switches separately or order complete kits (see opposite).
- Universal float switches, can be used for high, bund or low level/reorder, just configure the dip switches inside the alarm box to activate the level alarm required. Choose Diesel, Petrol or AdBlue®/water float switches.

Stk Code	Description	List £
TA3A.B	Battery (choose float switch required)	185.49

230V



TA3A.P

HYTEK
Engineered Product

- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- HEATING OIL
- OIL
- PETROL
- WATER

Hytek Tank Alarm - 3 Channel - 230V

- 3 channel alarm designed to detect overfill, low level/reorder level or bund alarm situations in 1, 2 or 3 tanks. Connect up to 3 float switches.
- 230V, weatherproof alarm box, xenon beacon & individual channel LEDs.
- High powered alarm sounder 90dB at 1m.
- Order the float switches separately or order complete kits (see opposite).
- Universal float switches, can be used for high, bund or low level/reorder, just configure the dip switches inside the alarm box to activate the level alarm required. Choose Diesel, Petrol or AdBlue®/water float switches.

Stk Code	Description	List £
TA3A.P	230V (choose float switch required)	205.33

Battery (relay) 230V (relay)



TA3A.BR

TA3A.PR

HYTEK
Engineered Product

- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- HEATING OIL
- OIL
- PETROL
- WATER

Hytek Tank Alarm - 3 Channel - With Relays

- As units above with relay outputs can be used to switch secondary equipment & sounders like our remote warning device (RWD2).
- Offers external outputs 1 per channel, they are a switch only & not a power source, not to be used to activate fuel pumps or safety valves. Output relay contacts rated at 250V, 5amps/100VA max.
- Volt free contacts for each channel.
- **Option:** Battery or 230V alarm box.

Stk Code	Description	List £
TA3A.BR	Battery c/w relays (choose float switch)	239.96
TA3A.PR	230V c/w relays (choose float switch)	254.21

TA.FA.SS5

- ADBLUE® DEF
- WATER



TA.FA5

- DIESEL



TA.CAP



TA.CAP2



PETROL

TA.FA.P5



TA.CABEXT



Hytek Tank Alarm - 3 Channel - Float Switches/Options

- Choose from the options below to make the above into the kits you require.

Stk Code	Description	List £
TA.FA5	5m float switch diesel/B100/oil	44.91
TA.FA10	10m float switch diesel/B100/oil	70.48
TA.FA.SS5	5m stainless float switch AdBlue®/water	61.46
TA.FA.P5	5m float switch for Petrol	61.46
TA.CAP	1½" F BSPP cap for 1 x float switch	5.32
TA.CAP2	1½" F BSPP cap for 2 x float switches	10.75
TA.CABLE	Extra cable (sold per mtr)	1.88
TA.CABEXT	Cable joiner IP68 extends switch cable	14.65

These alarms are suitable for AdBlue® & water when used with our stainless steel float switch (TA.FA.SS5)

These alarms are suitable for Petrol when used with our petrol float switch (TA.FA.P5)

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Hytek Tank Alarm - 3 Channel - Battery - Kits

- **Complete tank alarm kit** designed to detect overfill, low level/reorder level or bund alarm situations in 1, 2 or 3 tanks. Connect up to 3 float switches.
- Battery, weatherproof alarm box with individual channel LEDs (no beacon).
- High powered alarm sounder 90dB at 1m. Batteries supplied (type D x 4).
- Universal float switches, high, bund, low level/reorder set inside alarm box.
- **Petrol (TA.FA.P5) or AdBlue®/water (TA.FA.SS5) float switches available.**

HYTEK
Engineered Product



B100

BIOFUEL

DIESEL

HEATING OIL

OIL



IEC

IECEx



Battery

TA3A.B.K1

Stk Code	Description	List £
TA3A.B.K1	Battery kit 1 switch 1 cap	229.78
TA3A.B.K2	Battery kit 2 switches 2 caps	274.07
TA3A.B.K3	Battery kit 3 switches 3 caps	318.36

Hytek Tank Alarm - 3 Channel - 230V - Kits

- **Complete tank alarm kit** designed to detect overfill, low level/reorder level or bund alarm situations in 1, 2 or 3 tanks. Connect up to 3 float switches.
- 230V, weatherproof alarm box, xenon beacon & individual channel LEDs.
- High powered alarm sounder 90dB at 1m. .
- Universal float switches, high, bund, low level/reorder set inside alarm box.
- **Petrol (TA.FA.P5) or AdBlue® (TA.FA.SS5) float switches available.**

HYTEK
Engineered Product



B100

BIOFUEL

DIESEL

HEATING OIL

OIL



IEC

IECEx



230V

TA3A.P.K1

Stk Code	Description	List £
TA3A.P.K1	230V kit 1 switch 1 cap	249.62
TA3A.P.K2	230V kit 2 switches 2 caps	293.91
TA3A.P.K3	230V kit 3 switches 3 caps	338.20

Hytek Tank Alarm - 3 Channel - With Relays - Kits

- As units above with relay outputs used to switch secondary equipment they are a switch only & not a power source. Volt free contacts 1 per channel.
- Contacts rated at 250V, 5amps/100VA max. **Option:** Battery or 230V.

HYTEK
Engineered Product



B100

BIOFUEL

DIESEL

HEATING OIL

OIL



IEC

IECEx



Battery (relay)

230V (relay)

TA3A.BR.K1

TA3A.PR.K1

Stk Code	Description	List £
TA3A.BR.K1	Bat kit relays, 1 switch 1 cap	284.35
TA3A.BR.K2	Bat kit relays 2 switches 2 caps	333.46
TA3A.BR.K3	Bat kit relays 3 switches 3 caps	379.88
TA3A.PR.K1	230V kit relays 1 switch 1 cap	300.86
TA3A.PR.K2	230V kit relays 2 switches 2 caps	347.51
TA3A.PR.K3	230V kit relays 3 switches 3 caps	394.17

Remote Warning Device - 230V

Ideal to connect to the relay version of our tank alarm, or wherever you need a remote warning device.

- Weatherproof enclosure.
- High visibility, flashing xenon beacon.
- High power alarm sounder, 90dB at 1m.
- Mute button.
- Easy wall mounting bracket.
- **3 channels allow for connection to multiple alarms.**

HYTEK
Engineered Product



RWD2

Stk Code	Description	List £
RWD2	230V remote warning device	199.02

These alarms are suitable for AdBlue® & water when used with our stainless steel float switch (TA.FA.SS5)

These alarms are suitable for Petrol when used with our petrol float switch (TA.FA.P5)

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.



HYTEK
Engineered Product

- BIOFUEL
- DIESEL
- HEATING OIL
- OIL

FP2

Fill Point - Remote Fill Assembly

2" fill point assembly. Assembled & tested by Hytek. Made up of:

- Mounting bracket with 4 pre-drilled holes.
- 2" male BSPT thread for connection to tank pipework.
- 2" lever ball valve to isolate line.
- Non-return valve to prevent the line from draining.
- Engineered 2" BSPP fill point nipple with parallel thread & leading flat edge to make a good seal with the tanker delivery nozzle.
- 2" BSPP aluminium drip cap with brass retaining chain.

Stk Code	Description	List £
FP2	2" fill point assembly	151.63



HYTEK
Engineered Product

- BIOFUEL
- DIESEL
- HEATING OIL
- OIL

FCAB2A

Fuel Tank Remote Fill Point Cabinet

- 2" fill point cabinet choose top, side (left/right) entry or dual top entry.
- **NEW** 3" top entry single fill version now available.
- Wall mounting steel powder coated cabinet with external mounting brackets makes installation quick & easy.
- Integral drip tray with sight glass can only be removed when the fill point cabinet door is open to prevent unauthorised emptying helping to prevent pollution.
- Non return valve prevents the line draining.
- Lever ball valve isolates the line.
- Parallel thread connection with aluminium cap helps prevent leakage.
- Top or side entry weatherproof seal depends on the version chosen.
- Robust hinged door with lockable handles.
- Pre threaded mounting holes on the cabinet internal backplate makes the fitting of optional tank gauges & alarms quick & easy.
- Dual fill point only available in 2".



FCAB2A.2

Security cabinet also available

- No back plate or fill point assembly
- (CAB.DRIPA) Security cabinet with drip tray
- (FCAB.BPLATE) Internal back mounting plate for CAB.DRIPA

NEW
PRODUCT



Door Open



Door Closed

FCAB2AW

NEW Fill Point Cabinet With Glass Window

- Same specification as the above but with a 4mm thick tempered glass front door/window.
- Glazed front panel allows the optional tank alarms & tank gauges to be viewed along with the fill point assembly itself.
- 2" single fill point cabinet available from stock. Allow 7 days delivery for left/right side entry options in 2" or 3". Dual fill point only available in 2".

Stk Code	Description	Dimensions	List £
FCAB2A	2" single fill point cabinet – top entry	1040mm H x 600mm W x 340mm D	848.47
FCAB3A	3" single fill point cabinet – top entry	1100mm H x 600mm W x 340mm D	1250.26
FCAB2A.2	2" dual fill point cabinet – top entry	1040mm H x 600mm W x 340mm D	1124.35
FCAB2A.SR	2" single fill point cabinet – right entry	875mm H x 800mm W x 340mm D	919.01
FCAB2A.SL	2" single fill point cabinet – left entry	875mm H x 800mm W x 340mm D	919.01
FCAB2AW	2" single fill point cabinet with glass front window – top entry	1040mm H x 600mm W x 340mm D	848.47
FCAB2AW.2	2" dual fill point cabinet with glass front window – top entry	1040mm H x 600mm W x 340mm D	1124.35

UPP Pipework System



15 year guarantee
Can be used above ground



Pipework Coil



UPP Products



75/63mm Flanged Termination

U-29.40.32.TP



U-49.40.32.TP



U-11.32UF



U-11.321



What is it?

- Universal Petro Pipe (UPP) is the leading lightweight, flexible, non-metallic pipework system for above & below ground fuel lines.
- Environmentally safe, UPP pipe & fittings meet & exceed current legislation & standards required for use in the petrol station industry.
- Electrofusion welding of pipes & fittings creates a pipe system that is strong, flexible & easy to install.

What is it made from?

UPP pipes black outer structural layer is a PE100 high density polyethylene, which is both puncture & rodent resistant. It has a clear, un-pigmented natural EVOH inner layer which is seamlessly & permanently bonded to the structural layer. Providing you with a new level of protection & performance with exceptional resistance to permeation & allows the EN14125 pipe to achieve an exceptional Class T1 temperature rating allowing the pipe to be use in a wide range of installation & environments. Its smooth bore, & low friction loss design, allows for higher flow rates than steel.

Does it work?

Over 30 years of experience shows no pipe failures & no loss of product into the ground. There has been over 20 million metres of pipe installed. UPP is now widely used in a number of market sectors including petroleum retail, marine, mining, generator systems & heating oil systems in over 48,000 sites, across 160+ countries.

Approvals?

UPP pipework has been independently tested to meet Institute Of Petroleum by ERA Technology Ltd Cert No. BC63/0777/97/001A. OFCERT (OFTEC) Licence No. 2072090201. The entire product range is manufactured to the British Standard EN14125.

15 Year Guarantee

15 years manufacturers guarantee subject to installation by trained installers.

Training

All installers must complete a training course prior to supply of the pipe.

Product range

- Single (Primary) or secondary contained pipe (S/C).
- Choose coils (30m, 50m & 100m) or straight lengths (6m).
- Sizes from 32mm (1"), 50mm (1 1/2"), 63mm (2") 90mm (3") & 110mm (4").
- Pipe sizes refer to outer diameter (OD).



40/32mm Compression Termination



75/63mm Compression Termination

UPP Pipework System

Installation & technical specification

- Bend radius 1.5m (5ft). Can be used above ground.
- Pressure rated primary to 10 bar (145 psi) at 20°C.
- Pressure rated secondary to 4 bar (58 psi) at 20°C.
- Rupture pressure is 40 bar (600 psi).
- Recommended burial depth is a minimum of 300mm (12").
- All trenches should be sloped back towards the tank with a recommended gradient of 1:100. 15cm (6") bed of backfill material should be laid under the pipe. Acceptable backfill material: Well-rounded pea gravel or well-graded sand, max particle size 20mm (¾"). No more than 3% of particles should pass through a 2.5mm (1/8") screen.

- See pages 195 - 204 for more info on UPP pipework.



50mm Pipe

UPP Single Containment

- UPP extra lined pipe features a tough, specially bonded nylon liner. It comes in a variety of diameters & in either straight lengths or coils.

Stk Code	Description	List £
U-01.32.LS(100)	32mm (1"), 100m coil	POA
U-01.50.LS(50)	50mm (1½"), 50m coil	POA
U-01.50.LS(100)	50mm (1½"), 100m coil	POA
U-01.63.LS(100)	63mm (2"), 100m coil	POA



63/50mm Pipe

UPP Secondary Containment

- The Secondary Containment system features a coaxial sleeve pipe which is pre-fitted over UPP extra primary pipe enabling all sizes of fuel & vapour lines to be installed with an uninterrupted interstitial space between the dispenser or fill point with leak detection connections if required.

See pages 199 - 200 for Gemini system

Stk Code	Description	List £
U-01.40.32.LS(50)	40/32mm (1"), 50m coil	POA
U-01.40.32.LS(100)	40/32mm (1"), 100m coil	POA
U-01.63.50.LS(30)	63/50mm (1½"), 30m coil	POA
U-01.63.50.LS(100)	63/50mm (1½"), 100m coil	POA
U-01.75.63.LS(30)	75/63mm (2"), 30m coil	POA
U-01.75.63.LS(50)	75/63mm (2"), 50m coil	POA

Threaded Termination

- Threaded terminations allow UPP systems to be directly connected to steel pipes & fittings at termination points by means of a BSPT thread. They are joined to UPP pipe by means of a compression fitting.

Stk Code	Description	List £
U-11.321	1" M BSPT galv end for 32mm (1" pipe)	POA
U-12.63	2" M BSPT brass end for 63mm (2" pipe)	POA

Threaded Termination

- Threaded terminations allow UPP systems to be directly connected to steel pipes & fittings at termination points by means of a BSPT thread. They are joined to UPP pipe with a welding socket.

Stk Code	Description	List £
U-11.32UF	1" F BSPT galv union for 32mm (1" pipe)	POA
U-92.050	Threaded term., 50mm - 1½" F BSPT	POA
U-92.063	Threaded term., 63mm - 2" F BSPT	POA

Secondary Containment Boot

- For testing interstitial space.
 - These test port versions come with an integral Schrader valve for connection to a sensor line.

Stk Code	Description	List £
U-29.40.32.TP	S/c term. boot/test port, 40x32mm	POA
U-29.63.50.TP	S/c term. boot/test port, 63x50mm	POA
U-29.75.63.TP	S/c term. boot/test port, 75x63mm	POA

Secondary Containment Terminator

- Terminating reducers are used within tank chambers & pump sumps to provide air-tight termination to the interstitial space. Integral test ports are fitted with Schrader valves for pressure testing.

Stk Code	Description	List £
U-49.40.32	S/c term. reducer, 40x32mm	POA
U-49.40.32.TP	As above c/w test port	POA
U-49.063.050	S/c term. reducer, 63x50mm	POA
U-49.063.050.TP	As above c/w test port	POA
U-49.75.63	S/c term. reducer, 75x63mm	POA
U-49.75.63.2E	As above c/w test port	POA

40/32mm Compression Termination



75/63mm Compression Termination



40/32mm Welded Termination



75/63mm Welded Termination



U-29.40.32.TP



U-49.63.050.TP



DIESEL
HEATING OIL

Hytek Leak Detection Kit

A simple to install & easy to use 'Secondary Containment' pipe leak detection system. It works by sealing the outer 'Secondary Containment' pipe & the inner 'Product' pipe together. The join between the two pipes is then monitored using a float switch sealed into the sensor housing, fitted below the height of the join. Any fuel that leaks will activate the float switch which is connected to a 230V alarm (Float switch not included with LS.KIT).

Sensor housing kit (LS.KIT)

- 1m of connector tube c/w valve & clip (fits onto the pipework).
- Sensor housing pot must fit below the pipework (float switch fits inside).
- Mounting bracket (fits to the chamber wall).

Also required: alarm box & float switch

- 230V alarm box c/w flashing beacon & sounder (TA3A.P).
- Float switch comes with 5m of cable (TA.FA5). Petrol option (TA.FA.P5).
- **For more information on this alarm see pages 161 - 163.**

Please note:

The connector valve on the end of the tubing should be connected to the test port on the secondary containment termination boot (this is for pipework leak detection only). If no secondary containment termination boot is used, the valve, tubing & gland that fits onto the sensor housing pot should be removed completely, allowing the pot to fill up, activating the float switch & alarm. If only 1 chamber & 1 sensor housing kit are to be used then they should be mounted in the lowest point of the pipework run.



TA3A.P

TA.FA5

Stk Code	Description	List £
LS.KIT	Sensor housing kit	117.04
TA3A.P	230V alarm box	205.33
TA.FA5	Float switch (Diesel only)	44.91

Cable Encapsulation Kit



GP.CONKIT

- Buried cable wire splice encapsulation kit.
- Use to connect cables within below ground chambers & ducts.
- Kit consists of barrel & sleeve, end caps & water resistant encapsulation compound. Connects up to 5 pairs of cables.

Stk Code	Description	List £
GP.CONKIT	Cable encapsulation kit	32.16

Tanker Delivery Nozzle

- Suitable with diesel or biodiesel up to B100 or heating oils.
- Cast aluminium body. 2" F BSPP swivel lugged nut outlet.
- Also supplied with aluminium spout, 40mm diameter x 185mm long.
- Fitted with anti drain valve for wet hose systems.
- Each nozzle is tested & numbered for traceability.



NOZ.T

Stk Code	Description	Inlet	Max Flow	Max Pressure	Spout OD	List £
NOZ.T	Tanker nozzle	1½" F BSPP swivel	415L/min	101psi (7 bar)	40mm	346.69

Hose Keys

- For use with round lugged type fittings.
- Cast in non-spark ZA12 Zinc, 3" x 2½"



HK.C325

Stk Code	Description	List £
HK.C325	3" x 2½" cast hose key	19.55

Threaded Hose Adaptors - Lugged

- Leather washer. BSPP threads. Aluminium.

Stk Code	Description	List £
THA.225	2" male - 2½" female adaptor	22.59
THA.23	2" male - 3" female adaptor	23.59
THA.34	3" male - 4" female adaptor	28.16



THA.23

Threaded Adaptors Male x Male

- Threaded lugged male x male adaptors.
- BSPP threads.
- Aluminium.



TLA.3

Stk Code	Description	List £
TLA.2	2" male x 2" male adaptor	19.20
TLA.3	3" male x 3" male adaptor	23.22

NEW
PRODUCT



DIESEL
KEROSENE
PETROL
ATEX

PR.R

Anti-Syphon Valve - For Diesel Or Petrol - ATEX

- Suitable with petrol, kerosene, diesel/biodiesel up to B30.
- This valve is ATEX certified & can be used with petrol.
- High flow rate, copes with up to 270L/min.
- Protects above ground tanks from syphoning.
- Includes inlet strainer.
- Max tank height from ground level 6m.
- Must be fitted horizontally near the dispenser (see instructions).

Stk Code	Description	Ports	Max Pressure	Max Flow	List £
PR.R	Anti-syphon valve ATEX certified for petrol high flow	1½" F BSPT flanged	49psi (3.4 bar)	270L/min	456.92

NEW
PRODUCT



HYTEK
Engineered Product

UK

DIESEL
KEROSENE
ADBLUE® DEF
B100
OIL
PETROL
WATER

TA3A.DTC.P

Hytek Day Tank Controller - ATEX

- ATEX certified for use with diesel & petrol.
- Designed to automatically authorise the filling of a day storage fuel tank when the liquid drops to a pre-determined level. The controller will automatically stop the filling when the upper level is reached & provide an alarm if the liquid rises to the point at which an overflow is imminent.
- LED lights indicate the pump activity status as well as when the upper level & overflow levels are reached. **(See page 145 for full specification).**
- Output relays inside controller to authorise pump & two external alarms.
- 230V or battery powered. High powered alarm sounder 90dB at 1m.
- Test button checks probes, beacon, sounder & external pump.
- The output relays are a switch only & not a power source. Output relay contacts rated at 250V, 5amps/100VA max.

Stk Code	Description	List £
TA3A.DTC.P	230V powered day tank controller (up to 3 x float switches required see page 162)	254.21
TA3A.DTC.B	Battery powered day tank controller (up to 3 x float switches required see page 162)	239.96

NEW
PRODUCT



HYTEK
Engineered Product

UK

DIESEL
BIOFUEL
HEATING OIL
OIL

FCAB2AW

Fill Point Controller with Glass Window

- Same specification as the fill point cabinets on page 164 but with a 4mm thick tempered glass front window.
- Glazed front panel allows the optional tank alarms & tank gauges to be viewed along with the fill point assembly itself.
- 2" single fill point cabinet available from stock. Allow 7 days delivery for left/right side entry options in 2" or 3". Dual fill point only available in 2".
- **See page 164 for full specification.**

Door Closed FCAB2AW

Stk Code	Description	List £
FCAB2AW	2" single fill point cabinet with glass front window – top entry	848.47
FCAB2AW.2	2" dual fill point cabinet with glass front window – top entry	1124.35

Fill Point Tank Identity Label Sets

172



Vapour Recovery Labels

173



Pipe & Tank Labels

173



Out Of Use Nozzle Cover

173



Hazard Warning Signs

174



Fire Switch Signs

174



Diesel Hazard Signs

174



Self Adhesive Product Labels

174





Fill Point & Tank Identity Label Sets



LAB.SET2

- Pre-made label sets. Multi-function tank identity label showing the type of fuel, the tank number & the safe working capacity.
- Long life, engraved laminate labels in a zinc-plated steel holder.
- Fits onto fill point of tanks & offset fills.
- **Choose product, capacity & tank number required.**
- Any tank capacity available from stock.
- LAB.SET2SP - you can choose a non standard product label.
- Universal 2" - 4" pipe clip supplied as standard.

Stk Code	Description	Height	Width	List £
LAB.SET2	Complete fill point label set & universal 2" - 4" clip	108mm	105mm	41.04
LAB.SET2SP	As above c/w special product label non standard (allow 14 days for delivery)	108mm	105mm	54.29

Make Your Own Identity Label Sets



- Save 10% by making up your own label sets on site.
- To make up your own label sets you will require:
Label holder & clips (LAB.HOLD2).
Choose a product label (SL.XX example diesel SL.D2).
Choose tank number label (SL.TXSWC example tank 1 SL.T1SWC).
Choose capacity number labels (SL.X example number 2 SL.2).
Blank label for capacity (At least one is required SL.BLANK2).
Litre label for capacity (One is required SL.LTR2).
- SL.SP - special non standard product labels available.
- Universal 2" - 4" pipe clip supplied as standard.

Stk Code	Description	List £
LAB.HOLD2	Label holder & universal 2" - 4" clip	18.94
SL.XX	Product labels choose from: gas oil, diesel, AdBlue®, premium unleaded, kerosene, heating oil, hydraulic oil, lube oil, waste oil, biodiesel, transmission oil, gear oil, axle oil, antifreeze & super unleaded	8.73
SL.SP	Special product label non standard (allow 14 days for delivery)	22.16
SL.TXSWC	Tank number labels (choose 1 - 21)	5.74
SL.TBLANKSWC	As above - without Tank Number safe working capacity only	5.74
SL.BLANK2	Capacity blank label (one per set)	0.74
SL.X	Capacity number labels (choose 0 - 9)	0.92
SL.LTR2	Capacity litre label (one per set)	0.92

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Caution Labels

LAB.VAP - Fixed adjacent to the fill point this label warns the tanker driver to 'Connect vapour line before off loading'.

LAB.FILL - Fits adjacent to the fill & at vapour recovery points this label warns the tanker driver that 'No more than two delivery hoses are to be connected at any one time'.

- Long life, engraved laminate label.
- Supplied with bracket & 3" jubilee clip.



LAB.VAP



LAB.FILL

Stk Code	Description	Height	Width	List £
LAB.VAP	Caution vapour hose label c/w 3" jubilee clip	115mm	180mm	27.69
LAB.FILL	Caution only 2 hoses label c/w 3" jubilee clip	115mm	180mm	27.69

Tank Warning Labels

- Used in the manway chambers on below ground tanks.
- Long life, engraved laminate labels.
- Supplied with mounting bracket & 2" jubilee clip.



LAB.MAN



LAB.OVF

Stk Code	Description	Height	Width	List £
LAB.MAN	Tank is manifolded label c/w 2" jubilee clip	80mm	85mm	20.81
LAB.OVF	Tank fitted with overfill label c/w 2" jubilee clip	80mm	85mm	20.81

Vent & Vent To Tank Pipe Labels

- LAB.X can be used to identify vent pipes.
- Vent labels. **Specify 1-6 (x = 1-6).**
- LAB.VX can be used to identify vent to tank pipes.
- Vent to tank labels, choose 1-6.
- Where X is the required tank or pipe number.
- Long life, engraved laminate labels. **Specify 1-6 (x = 1-6).**



LAB.VX



LAB.X

Stk Code	Description	Height	Width	List £
LAB.VX	Vent to tank label c/w 2" jubilee clip	58mm	80mm	22.59
LAB.X	Number label c/w 2" jubilee clip	65mm	50mm	9.62

Out Of Use Nozzle Cover

- Fits over nozzle.
- Reads 'Sorry out of use'.
- Made from injection moulded polypropylene.



LAB.OU

Stk Code	Description	Height	Width	List £
LAB.OU	Out of use cover	400mm	120mm	22.20

Petroleum Hazard Signs



LAB.HAZ1



LAB.HAZ3

- Multi-colour petroleum hazard warning signs.

LAB.HAZ1

- Rigid plastic, lightweight & hard-wearing.
- Supplied with wall fixing holes.

LAB.HAZ2

- As above. Bigger dimensions.

LAB.HAZ3

- Self adhesive.

Stk Code	Description	Height	Width	List £
LAB.HAZ1	Petrol hazard sign rigid plastic small	305mm	380mm	20.30
LAB.HAZ2	Petrol hazard sign rigid plastic large	450mm	610mm	27.12
LAB.HAZ3	Petrol hazard sign self adhesive	328mm	200mm	11.39

Diesel Hazard Signs



LAB.HAZ5



LAB.HAZ4

- These signs are required due to the reclassification of diesel which is now classed as a flammable liquid under the CLP Regulations.

- Multi-colour diesel hazard warning signs.

LAB.HAZ4

- Self adhesive.

LAB.HAZ5

- Rigid plastic, lightweight & hard-wearing.
- Supplied with wall fixing holes.

Stk Code	Description	Height	Width	List £
LAB.HAZ4	Diesel hazard sign self adhesive	328mm	200mm	11.39
LAB.HAZ5	Diesel hazard sign rigid plastic	305mm	380mm	22.88

Fire Switch Signs



LAB.FIR



LAB.DIES

- Rigid plastic sign for fixing adjacent to the fireman's switch.

- Supplied with wall fixing holes.

- Red lettering on a yellow background.

Options:

- LAB.FIR - petroleum spirit.
- LAB.DIES - diesel.

Stk Code	Description	Height	Width	List £
LAB.FIR	Fire switch sign - petroleum spirit	275mm	380mm	22.88
LAB.DIES	Fire switch sign - diesel	275mm	380mm	22.88

Fuel Product Labels

Only sold in multiples of 10



PRODUCT LABELS

- Weatherproof self adhesive labels.

- Use on pumps, tanks & pipework. 50mm high letters.

- **Minimum order quantity of 10 per product label.**

Stk Code	Description	Height	Width	List £
LAB.DIE	Diesel label - Priced individually, minimum order 10 units	75mm	195mm	2.62ea
LAB.GAS	Gas oil label - Priced individually, minimum order 10 units	75mm	195mm	2.82ea
LAB.UNL	Unleaded label - Priced individually, minimum order 10 units	75mm	195mm	2.62ea
LAB.AB	AdBlue® label - Priced individually, minimum order 10 units	75mm	195mm	2.62ea

Thread Sealants & Gaskets

176 - 178



Water & Fuel Finding Pastes

178



Hand Wipes

178



Belts, Pipe Test Plugs, Cable Encapsulation Kit

178 - 179



Jerry/Test Cans & Gloves

179 - 180



Air Compressor

181



Measures, Funnels, Oil Pans

181



Leak Plugger

182



Absorbent Pads & Drum Toppers

182 - 183



Spill Kits For Oils/Fuels & General Purpose Kits

183 - 185



NEW PRODUCTS

186



Only sold in multiples of 10



PTFE12

- ADBLUE® DEF
- B100
- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL
- WATER

PTFE Pipe Sealing Tape

- PTFE pipe sealing tape.
- 12mm wide tape with a thickness of 0.075mm.
- Supplied in 12 metre long white plastic spools with cover.
- Packs of 10 rolls.
- Box quantity 250, master carton quantity 1000.
- **Only sold in multiples of 10.**
- Not available singularly.

Stk Code	Description	List £
PTFE12	PTFE tape - Priced individually, minimum order 10 units	0.72ea



HELD



HELD.500

-
- DIESEL
- OIL
- WATER
- KEROSENE

Thread Sealant - Heldite

- General purpose jointing & thread sealing compound.
- Recommended for diesel, biodiesel up to B10, oils, coolants, water & steam.
- **NOT** suitable with ethanol.
- Fully waterproof & MOD approved.
- Screw top tins with brush applicator.
- Master carton box quantity 60.
- Also available 500ml tins without brush applicator.

Stk Code	Description	Size	List £
HELD	250ml tin	250ml	15.60
HELD.500	500ml tin	500ml	28.87



GASOILA2

- BIOFUEL
- DIESEL
- E85
- KEROSENE
- PETROL
- WATER

Thread Sealant - Gasoila

- Designed for ethanol blended petrol E10 - E85 blends.
- Also suitable with kerosene, diesel, propane, butane, LPG, cutting oil, ammonia, aliphatic solvents, acids, steam, potable water & **biodiesel up to B85.**
- UL classified.
- Temperature range -100°F to 800°F (-74°C to 318°C).

Stk Code	Description	Size	List £
GASOILA2	237ml tin	237ml	54.46



LOC.577

- ADBLUE® DEF
- B100
- DIESEL
- E85
- KEROSENE
- PETROL

Thread Sealant - Loctite 577

- Recommended for use with petrol, bio-ethanol, diesel, biodiesel & AdBlue®.
- **Full strength after 6 hours.**
- **Compatible with AdBlue®.**
- Easy to disassemble joints if required in future years.
- 250ml size available (LOC.577.L).

Stk Code	Description	Size	List £
LOC.577	50ml bottle	50ml	39.43
LOC.577.L	250ml tube	250ml	145.51

NEW

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Pipe Thread Sealant - Permabond A131

- A high performance pipe thread sealant.
- Suitable with diesel, biodiesel up to B30, oil, petrol, air & water.
- Supplied in tube with nozzle applicator.
- Easy to apply, prevents unnecessary wastage.
- Water washable before setting makes it very clean to use.
- Fast acting, will withstand 50 psi (3 bar) after 1 hour.



A131.L

Stk Code	Description	Size	List £
A131.L	200ml bottle	200ml	58.30

Liquid Teflon Pipe Thread Sealant - Loxeal (18-10)

- Anaerobic adhesive for sealing of metal thread pipe joints.
- Suitable with gas, LP gas, compressed air, petrol, oil, industrial fluids, CFC, potable water & several chemicals.
- Low friction coefficient makes joint assembly easy.
- **Ideal to replace PTFE tape.** Temp range -55 to 150°C.
- Easy to disassemble joints if required in future years.
- **Approved to EN751-1 & by AGA in Australia re:5047.**



LOX1810

Stk Code	Description	Size	List £
LOX1810	250ml tube	250ml	33.73

Thread Sealant For AdBlue® - Loxeal (85-21)

- Suitable with AdBlue®, diesel & biodiesel up to B30.
- Highly resistant to heat, corrosion, vibrations, water, gases, oils & hydrocarbons.
- Fast curing, high strength anaerobic adhesive for locking & sealing threads & retaining of cylindrical parts.
- Allows larger machining tolerances.
- Temperature range -55°C to 150°C.



AB.S

Stk Code	Description	Size	List £
AB.S	250ml bottle	250ml	58.07

Fuel Resistant Adhesive/Mastic - Terostat PU92

- Flexible adhesive for bonding or gap filling.
- Resistant to diesel, oils, petrol & water.
- Tack free in 40 to 60 minutes.
- Supplied in 300ml standard mastic cartridges.
- **Not to be used as a thread sealant.**



LOC.5220

Stk Code	Description	Size	List £
LOC.5220	300ml cartridge	300ml	25.75

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GSK.SHT



GSK.TRI

- DIESEL
- HEATING OIL
- KEROSENE
- PETROL

Gasket Sheets & Pre Cut

- A nitrile/cork composite sheet gasket.
- Any shape gasket may be cut from these fuel resistant sheets.
- Popular precut gaskets are also available (GSK.TRI).
- **Precut gaskets have a minimum order quantity of 10.**

Stk Code	Description	Dimensions	List £
GSK.SHT	Sheet gasket 3mm	1m x 1.5m	76.32
GSK.TRI	Triangular gasket - Priced individually, minimum order 10 units	-	1.20ea



MWFP
B100
E85

FFP

- DIESEL
- HEATING OIL
- KEROSENE
- PETROL

Water Finding & Fuel Finding Pastes

- WFP - Detects the presence of water in tanks, smear onto dipstick & leave in fuel.
 - Paste turns from brown to bright red on contact with water. Versions for petrol/diesel (WFP) & version for methanol & ethanol enriched fuels, E85/B100 (MWFP).
- FFP - Detects the presence of diesel, petrol, kerosene & crude oil, eases dipstick reading. Paste turns from pink to red when in contact with fuel.

Stk Code	Description	Size	List £
WFP	Water finding paste 90g tube	90g	13.10
MWFP	Water finding paste for E85/B100 70g tube	70g	16.28
FFP	Fuel finding paste 62g jar	62g	13.10



HW100HD

Tough Hand Wipes

- Super, high absorbency, wet hand wipes, 100 per tub.
- Cleaner & towel all in one.
- Hands dry without the normal stickiness associated with hand wipes.
- Highly effective on oils, greases, petrochemicals, paints, silicone etc.

Stk Code	Description	List £
HW100HD	100 per tub	14.48



VBLT.TABA

Fuel Pump Belting

- Make up replacement drive belts to the size you need in just a few minutes on site.
- **Supplied on a 10m reel.**
- A-section, stud free.
- Polyester & polyurethane composite links which join together to form continuous drive belts for any belt driven pumps.
- **Also available V belts see page 112.**

Stk Code	Description	List £
VBLT.TABA	Tab link 'A' section (10m reel)	414.27

Manual Pressure Test Pump

- Designed for pressure testing hoses, pipework, radiators & boilers etc.
- Can use either water or oil for testing.
- Comes with a gauge to monitor the pressure in the line.
- Fills the line you are testing with fluid from the reservoir.
- Working pressure 290psi (20 bar).
- The pump is brass with anodised aluminium piston.
- Housed on a 5 litre capacity steel tank reservoir.

HEATING OIL
WATER



PTP

Stk Code	Description	Reservoir	Flow Rate	Delivery	Connection	List £
PTP	Pressure test pump	5L	12cc per stroke	2m hose	½" M BSPT	114.23

Pipe Line Test Plug

- Cost effective, durable, steel testing plug with single rubber seal.
- Suitable for carrying out air or water tests in all types of pipelines.
- All steel components zinc plated.



TP.8

Stk Code	Description	Max Pressure	List £
TP.6	For 36 - 52mm 1½" pipe	30psi (2 bar)	9.49
TP.8	For 50 - 63mm 2" pipe	30psi (2 bar)	9.07
TP.10	For 61 - 75mm 2½" pipe	30psi (2 bar)	9.49
TP.12	For 73 - 92mm 3" pipe	20psi (1.4 bar)	9.49
TP.16	For 94 - 110mm 4" pipe	10psi (0.5 bar)	9.49

Cable Encapsulation Kit

- Buried cable wire splice encapsulation kit.
- Use to connect cables within below ground chambers & ducts.
- Kit consists of barrel & sleeve, end caps & water resistant encapsulation compound.
- Connects up to 5 pairs of cables.



GP.CONKIT

Stk Code	Description	List £
GP.CONKIT	Cable encapsulation kit	32.16

Jerry Can

- Mild steel, coated internally & painted externally.
- Suitable with water, petrol & diesel.
- 20 litre capacity. Weight empty 4.4 kg.

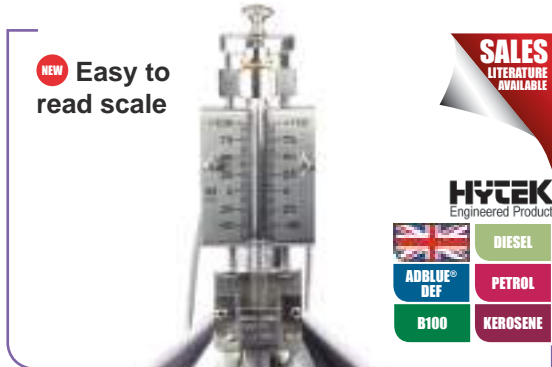
DIESEL
KEROSENE
PETROL
WATER



JC20

JCSF

Stk Code	Description	Dimensions	List £
JC20	Jerry can 20 litre	155mm x 465mm x 345mm	28.80
JCSF	Flexible spout	-	7.72



Test Measure Can - Stainless Steel

Hytek source this test measure can & replaced the scale with their own design. 5L, 10L & 20L capacity cans & protective carry cases available. Versions tested & supplied with UK weights & measures certificates available.

- A calibrated measure for testing the accuracy of fuel dispensing equipment.
- Used to prevent under or over measuring.
- Suitable for use with diesel, biodiesel, petrol & AdBlue®.
- We can provide a UK weights & measures certificate option.
- 304 stainless steel construction.
- Separate lifting & emptying handles.
- **If used with AdBlue® do not cross contaminate.**
- Filling the measure to the "zero" mark will ensure an accurate amount of litres has been dispensed allowing the dispenser to be calibrated accordingly.
- Scale is in millilitres.
- **Full range of spares available.**

Options:

- Choose 5, 10 or 20 litres capacity.
- Choose 5, 10 or 20 litres capacity with weights & measures certificate.
- Choose 5, 10 or 20 litre protective carry case.
- Anti-splash funnel, 15" diameter.
- **NEW Improved, petroleum resistant scale, screen printed, makes it easy to read.**



Stk Code	Description	Capacity	Weights & Measures	List £
TM05A	5 litre test measure	5 litre	-	299.76
TM05AWM	As above with weights & measures certificate	5 litre	Yes	443.42
TM05CASE	Carry case for use with 5L measure	-	-	134.39
TM10A	10 litre test measure	10 litre	-	332.33
TM10AWM	As above with weights & measures certificate	10 litre	Yes	473.74
TM10CASE	Carry case for use with 10L measure	-	-	134.39
TM20A	20 litre test measure	20 litre	-	364.20
TM20AWM	As above with weights & measures certificate	20 litre	Yes	510.54
TMCASE	Carry case for use with 20 litre measure	-	-	134.39
TMFUN	Anti-splash funnel stainless steel (15" diameter)	-	-	49.85



Disposable Gloves - Standard & Heavy Duty

Standard duty gloves

- Nitrile. Powder free. Use & throw away.

Heavy duty gloves

- These gloves are ideal for industrial use where standard gloves can't provide enough protection. Use & throw away. Powder free.
- Compared to latex/vinyl gloves these offer 3 times the puncture resistance.
- Use with sheet metal, glass as offer cut resistance.

Stk Code	Description	Size	Pack Size	List £
GLOV.DL	Standard duty	Large	100	12.51
GLOV.D	Standard duty	Extra large	100	12.51
GLOV.DHDL	Heavy duty	Large	100	20.37
GLOV.DHD	Heavy duty	Extra large	100	20.37

AdBlue® is a registered trade mark of the Verband der Automobilindustrie e.V.

Air Compressor Kit 12V - High Speed

HYTEK
Engineered Product

AIR
2 YEARS WARRANTY



COMP.12KITH

- For inflating 4WD vehicles & tractor tyres.
- Inflates a 10R.15 tyre in approx 1 mins (from 15 - 32psi).
- Max flow 85L/min. 2 year warranty.
- Direct battery connection, 3m lead & croc clips included.
- 8m coily air outlet hose with quick connector & pressure gauge.
- 12V, 30 amps, thermal overload protector. Weight 4.5kgs.
- Includes carry case & bike tyre/ball/inflatable adaptors.
- Master carton box quantity 4.

Stk Code	Description	List £
COMP.12KITH	85L/min	76.52

Measuring Jugs

- Oil measure with flexible spout.
- Made of transparent polyethylene to help check level.
- **Complete with screw cap** to protect contents from contamination.
- Available in 1 litre & 5 litre capacities.
- OIL.M1F - Master box quantity 24 or available singularly.
- OIL.M5F - Master box quantity 18 or available singularly.

DIESEL
OIL



OIL.M1F

OIL.M5F

Stk Code	Description	List £
OIL.M1F	1 litre	4.83
OIL.M5F	5 litre	9.97

Funnels

- FUN.145
- Funnel c/w spout & filter.
 - 145mm diameter.
- FUN.300
- Large tractor/garage funnel.
 - Master box quantity 25 or available singularly.
 - 300mm diameter. Includes filter.

DIESEL
OIL



FUN.145

FUN.300

Stk Code	Description	List £
FUN.145	Diameter 145mm	2.72
FUN.300	Diameter 300mm	7.47

Oil Drain Pans

- Suitable for single or multiple oil changes.
- Made from UV stable polyethylene.
- Available in 6 litre or 14 litre with pouring spout.

DIESEL
OIL



OPAN6

OPAN14

Stk Code	Description	Height	OD	List £
OPAN6	6 litre	105mm	365mm	3.66
OPAN14	14 litre	170mm	450mm	14.18



Leak Plugger Compound

- DIESEL
- OIL
- HEATING OIL



ABPLUG5

- Suitable with oils/fuels.
- For emergency use as a temporary repair on drums, leaking pipes, tanks or fittings.
- A thick putty like compound.
- No mixing, apply to the hole or leak & smooth the edges to seal.
- Non-reusable.
- Provides a temporary repair only, for up to 24 hours max.

Stk Code	Description	Size	List £
ABPLUG5	0.5kg tub	0.5kg	11.93

- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL

Absorbent Pads - Double Weight Pads



ABPADOS

- For outside use where oils/fuels needs to be absorbed.
- Absorbs oils & fuels while repelling water. **(Double weight pads)**.
- Can be floated on water to soak up fuel & oil spills.
- Dimensions of pad 500mm W x 400mm D.
- Choose:**
- Pack 50 for service vans in dispensing box (pack absorbs 30L).
- Pack 200 for workshops (pack absorbs 120L).

Stk Code	Description	List £
ABPADOS	Pack 50	26.36
ABPADO	Pack 200	83.19

- ADBLUE® DEF
- ANTIFREEZE
- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL
- WATER

Absorbent Pads - Universal - Double Weight Pads



ABROLLU

ABPADU

- Universal absorbent pads, ideal for absorbing: oil, fuel, water, white spirit, antifreeze & other liquids. **(Double weight pads)**.
- Packed in dispenser boxes with carry handle.
- **Choose:**
- ABPADU - 75 pads per pack (each pad 310mm x 390mm).
- ABROLLU - 31m roll x 310mm sheets, perforated across & down the middle.

Stk Code	Description	List £
ABPADU	Pack 75	30.86
ABROLLU	Roll 31m	30.86

Drum Topper - Absorbs Oils/Fuels Repels Water

- DIESEL
- HEATING OIL
- OIL
- KEROSENE

- Designed to sit on top of a drum, keeps the drum clean & protects the surrounding area from spills & slip hazards.
- Absorbs oils/fuels while repelling water, for outside or indoor use.
- 2 x pre-cut holes for large & small drum openings.
- Fits drums with up to a 560mm diameter.
- Absorbs drips & leaks from drum pumps & funnels.



ABTOP

Stk Code	Description	List £
ABTOP	Drum topper (pk of 25) - soaks up to 1L per topper	49.31

20 Litre Spill Kit - Double Weight Pads

-
- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL

For general purpose spill kits see page 185

- Spill kit absorbs oils/fuels while repelling water. Assembled in the UK.
- Ideal to store inside vehicles or workshops. Poly bag c/w handle.
- Dimensions 600mm H x 550mm W x 100mm D.
- Enough spill material in this pack to soak up 20 litres in total.
- This kit contains: **(Double weight pads)**
 12 x pads 400mm x 500mm, 2 x socks 1200mm
 1 x disposable bag & tie, 1 x instructions & contents sheet.



ABKIT04

Stk Code	Description	Pads	Socks	Disposable Bag	List £
ABKIT04	20 litre	12	2 x 1200mm	1	19.89

40 Litre Spill Kit - Double Weight Pads

-
- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL

- Spill kit absorbs oils/fuels while repelling water. (AdBlue® option see page 185).
- Ideal to store near a fuel island or in a tank cabinet. Poly bag c/w handle.
- Dimensions 500mm H x 600mm W x 160mm D. Assembled in the UK.
- Enough spill material in this pack to soak up 40 litres in total.
- This kit contains: **(Double weight pads)**
 24 x pads 400mm x 500mm, 4 x socks 1200mm
 1 x disposable bag & tie, 1 x instructions & contents sheet.



ABKIT06

Stk Code	Description	Pads	Socks	Disposable Bag	List £
ABKIT06	40 litre	24	4 x 1200mm	1	34.14



80 Litre Bin Spill Kit - Double Weight Pads

- Probably the best value 80 litre fuel/oil spill kit on the market.
- Spill kit absorbs oils/fuels while repelling water.
- Ideal to store near a fuel island. Plastic bin.
- For outdoor or inside use. **(Double weight pads)**.
- Dimensions 500mm diameter, 700mm tall. Assembled in the UK.
- Enough spill material in this pack to soak up 80 litres in total.
- Kit contains: 4 x socks 3000mm, 40 pads (400mm x 500mm). 2 x disposable bags, 1 x instructions & contents sheet.

Stk Code	Description	Pads	Socks	Disposable Bag	List £
ABKIT80F	80 litre	40	4 x 3000mm	2	93.31



100 Litre Wheeled Bin Spill Kit - Double Weight Pads

- Spill kit absorbs oils/fuels while repelling water. (AdBlue® option see page 185).
- Ideal to store near a fuel island. Plastic wheeled bin. Assembled in the UK.
- Dimensions 950mm H x 480mm W x 560mm D. **(Double weight pads)**.
- Enough spill material in this pack to soak up 100 litres in total.
- Kit contains: 5 x socks 3000mm, 50 x pads (400mm x 500mm) 3 x disposable bags & ties, 1 x instructions & contents sheet.

Stk Code	Description	Pads	Socks	Disposable Bag	List £
ABKIT100	100 litre	50	5 x 3000mm	3	196.08
ABKIT100R	Refill for 100 litre spill kit	50	5 x 3000mm	3	99.96
ABDP1	Drain cover 1m x 1m	-	-	-	36.97



200 Litre Wheeled Bin Spill Kit - Double Weight Pads

- Spill kit absorbs oils/fuels while repelling water. (AdBlue® option ABKIT100A).
- Ideal to store near a fuel island. Plastic wheeled bin. Assembled in the UK.
- Dimensions 950mm H x 480mm W x 560mm D. **(Double weight pads)**.
- Enough spill material in this pack to soak up 200 litres in total.
- This kit contains: 6 x socks 3000mm, 140 x pads (400mm x 500mm) 5 x disposable bags & ties, 1 x instructions & contents sheet.

Stk Code	Description	Pads	Socks	Disposable Bag	List £
ABKIT200	200 litre	140	6 x 3000mm	5	266.24
ABDP1	Drain cover 1m x 1m	-	-	-	36.97

40 Litre General Purpose Spill Kit - Double Weight Pads

- General purpose spill kits for water & oil based products.
- Absorbs AdBlue®, antifreeze & screen wash solutions, oil & water.
- **Ideal for use with AdBlue®.** Poly bag c/w handle.
- Dimensions 500mm H x 600mm W x 160mm D. Assembled in the UK.
- Enough spill material in this pack to soak up 40 litres in total.
- This kit contains: **(Double weight pads)**
 12 x pads 400mm x 500mm, 4 x socks 1200mm
 1 x disposable bag & tie, 1 x instructions & contents sheet.



ABKIT06A

Stk Code	Description	Pads	Socks	Disposable Bags	List £
ABKIT06A	40 litre, clip bag	12	4 x 1200mm	1	31.74

100 Litre General Purpose Spill Kit - Double Weight Pads

- General purpose spill kits for water & oil based products.
- Absorbs AdBlue®, antifreeze & screen wash solutions, oil & water.
- **Ideal for use with AdBlue®.** Plastic wheeled bin.
- Dimensions 950mm H x 480mm W x 560mm D. Assembled in the UK.
- Enough spill material in this pack to soak up 100 litres in total.
- This kit contains: **(Double weight pads)**
 5 x socks 3000mm, 50 x pads (400mm x 500mm)
 3 x disposable bags & ties, 1 x instructions & contents sheet.



ABKIT100A

Stk Code	Description	Pads	Socks	Disposable Bags	List £
ABKIT100A	100 litre, wheeled bin	50	5 x 3000mm	3	186.31

Drain Protection

- Forms a quick & instant liquid tight seal over drain covers.
- **Neorug** reusable washable drain cover 1m x 1m.
- **Ideal to add to our spill kits.**



ABDP1

Stk Code	Description	List £
ABDP1	Drain cover 1m x 1m	36.97

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Fill Point Fittings

188 - 189



Flexible Connectors

190



Check, Under Pump & Shear Valves

190 - 191



Under Pump Valve

191



Vapour Recovery Equipment

192 - 193



Galvanised Fittings

193 - 194



UPP Flexible Pipework System

195 - 203



Pipe Detector Mesh

203





DIESEL

KEROSENE

PETROL

Threaded Fill Pipe Adaptors

- Provides a flat face, parallel, male BSPP thread for fill pipes.
- Female thread with leather washer seal. Cast aluminium body.
- Rising pin engages with fill cap or dip & fill cap. Can be padlocked.

TFA.2

Stk Code	Description	List £
TFA.2	2" M x F BSPP fill pipe adaptor	40.83
TFA.25	2½" M x F BSPP fill pipe adaptor	45.34
TFA.3	3" M x F BSPP fill pipe adaptor	48.95
TFA.4	4" M x F BSPP fill pipe adaptor	52.43



DIESEL

KEROSENE

PETROL

Threaded Fill Point Caps

- Aluminium flat fill cap fits adaptor shown above.
- Female parallel BSPP thread with leather washer seal.
- Can be locked when used with above adaptor.
- Use when tank dipping is not required.

FILCAP.2

Stk Code	Description	List £
FILCAP.2	2" F BSPP blank fill cap	24.32
FILCAP.25	2½" F BSPP blank fill cap	26.49
FILCAP.3	3" F BSPP blank fill cap	28.11
FILCAP.4	4" F BSPP blank fill cap	34.25



DIESEL

KEROSENE

PETROL

Threaded Dip & Fill Caps

- Aluminium dip & fill cap fits fill pipe adaptors.
- For use on direct fill pipes where a dip stick is located.
- Female parallel thread BSP with leather washer seal.
- Can be locked when used with terminal fill pipe adaptor.

DIPFIL.3

Stk Code	Description	List £
DIPFIL.2	2" F BSPP dip & fill cap	29.26
DIPFIL.25	2½" F BSPP dip & fill cap	39.27
DIPFIL.3	3" F BSPP dip & fill cap	40.79
DIPFIL.4	4" F BSPP dip & fill cap	42.82



PAD.L2

Padlocks For Fill Points

- Strong brass padlocks with 7mm bore hardened steel shackles.
- Available with keys alike only.
- Long shackles.

Stk Code	Description	List £
PAD.L2	Long shackle, keys alike	16.06

Fill Point Couplings - Cam Type

- Cam type fill point couplings in aluminium.
- Threaded F BSPP or F BSPT complete with leather washer.
- Anchor hole to secure cap retaining chain.



DIESEL

KEROSENE

PETROL



Stk Code	Description	List £
CAB.44	4" cam x 4" female parallel	46.12
CAB.44T	4" cam x 4" female taper	14.45

CAB.44T

CAB.44

Fill Point Caps - Single Arm

- Aluminium fill point cap with integral single rotating brass arm.
- Captive padlock enables the arm to be locked shut.



DIESEL

KEROSENE

PETROL



Stk Code	Description	List £
CAC.3SP	3" cap & padlock keys alike	59.97
CAC.4SP	4" cap & padlock keys alike	64.88
CAC.4NPS	4" cap & pad powder coated keys different	69.98
VRS.3O	Spare 3" cap o-ring	4.19
CAC.4NS	Spare 4" cap o-ring	5.08
CAC.PAD	Spare padlock CAC.3SP - 4SP keys alike	22.23

CAC.4NPS

Fill Point Caps - Twin Arm

- Cast aluminium fill point cap with twin cam arms in brass.
- Arms may be padlocked to prevent removal of the cap.
- Padlocks sold separately.



DIESEL

KEROSENE

PETROL



CAC.4

Stk Code	Description	List £
CAC.4	4" twin arm	59.74

Suction Deflectors

- Cast aluminium fitting screws on the foot of internal suction pipes.
- Helps prevent silt being sucked up from the bottom of tanks.
- Threaded 1½" & 2" F BSPT.



DIESEL

KEROSENE

PETROL



SUCT.2

Stk Code	Description	List £
SUCT.2	1½" & 2" F BSPT suction deflector	16.54



- DIESEL
- KEROSENE
- PETROL

Under Pump Flexible Connector Spares

- Triangular companion flanges, 1½" F BSPT.
- Heavy alloy flange with zinc plated finish.
- Supplied with 3 off mounting holes & zinc plated fixing bolts ¾" UNC x 1" hexagonal head & washers.
- Also available companion gaskets (GSK.TRI).



FLNG.BOLT FLNG GSK.TRI

Stk Code	Description	List £
FLNG	Tri flanges 1½" F BSPT c/w bolts	14.41
GSK.TRI	Triangular gaskets	1.20
FLNG.BOLT	Spare bolts	0.40
FLNG.WASH	Spare washers	0.23



- DIESEL
- KEROSENE
- PETROL

Flexible Connectors - Threaded

- Stainless steel flexible pipe welded to nickel plated steel ends.
- Threaded 1" M BSPT both ends.
- Use to ease joining of misaligned pipes.
- Helps compensate for expansion & contraction of pipework.
- **Note** do not turn one end with respect to the other.



MM.1

Stk Code	Description	Length	List £
MM.1	Male x Male 1" BSPT	150mm	27.60

Note: do not turn one end with respect to the other.



- DIESEL
- KEROSENE
- PETROL

Flexible Connectors - Under Pump

- Stainless flexible pipe with mild steel welded ends.
- All threads 1½" BSPT. Lengths are nominal only. Suction use only.
- Max pressure 43psi (3 bar).



UNDER PUMP FLEXIS

Stk Code	Description	Length	List £
TM	Male x tri flange 1½" M BSPT	170mm	36.84
TF	Female x tri flange 1½" F BSPT	170mm	37.32
TMS	Male x tri flange x 1½" M BSPT	114mm	38.02
TFS	Female x tri flange x 1½" F BSPT	114mm	37.67
TT	Two tri flanges	152mm	36.93
TTS	Two tri flanges	50mm	36.05
TTLB	Two tri flanges (ALPHA pump flex) - not UK made	275mm	32.28



- B100
- DIESEL
- KEROSENE
- PETROL



Under Pump Shear Valve

- A double poppet shear valve for use on pressure systems, ATEX certified.
- Shears in the event of accident damage to the dispenser.
- Mounts underneath the fuel dispenser.
- In the event of a shear both halves close to prevent leakage.
- Has a fusible link which shuts the valve in the event of a fire.
- 1½" F BSPT inlet/outlet c/w u bolt, 3x ¾ x 20 unc bolts.
- Access port for line testing. Master carton box quantity 6.
- **Version for Adblue® available see page 149.**



SVDPA

Stk Code	Description	List £
SVDPA	1½" F BSPT double poppet shear valve	143.90

Angle Check Valves - Hytek Quality

- We have offered these valves for over 10 years.
- HYTEK Quality = passed our quality inspection.
- Fitted in pump suction lines to prevent line drainage/loss of prime.
- Choose 1½" or 2" F BSPT. Versions for diesel/biodiesel up to B30 & petrol.
- **See page 148 for spares/pressure spring.**

HYTEK
Engineered Product

- DIESEL
- KEROSENE
- PETROL



ACV.1N

ACV.1V

Stk Code	Description	List £
ACV.1N	1½" F BSPT diesel only	65.52
ACV.1V	1½" F BSPT diesel/ petrol /B30	65.52
ACV.2N	2" F BSPT diesel only	76.82
ACV.2V	2" F BSPT diesel/ petrol /B30	76.82

Angle & Inline Check Valves - Made In the UK

- UK manufactured.
- Fitted in pump suction lines to prevent line drainage/loss of prime.
- Choose 1½" or 2" F BSPT angled versions or 1½" inline version.
- Suitable with diesel, biodiesel up to B30 or petrol.
- **For spares & pressure spring options see page 148.**



- DIESEL
- KEROSENE
- PETROL



ACV.1

ICV.1

Stk Code	Description	List £
ACV.1	1½" F BSPT diesel/ petrol /B30	83.89
ACV.2	2" F BSPT diesel/ petrol /B30	102.63
ICV.1	Inline 1½" F BSPT diesel/ petrol /B30	153.75

Under Pump Valve - Aluminium

- Under pump check valve with anodized aluminium body.
- Triangular flange design compatible with flexible connectors.
- Slim construction only 33mm thick.
- Flush design enables it to slide in & out for maintenance.
- The side port enables the valve to be opened for draining fuel back to the tank before breaking open the pipework.
- Supplied with 2 gaskets, filter disc & 3x M10x60 bolts.



- DIESEL
- KEROSENE
- PETROL



UPV.1R

Stk Code	Description	List £
UPV.1R	Under pump valve 33mm thick	63.35

Under Pump Valve - Aluminium

- Under pump valve with aluminium body.
- Simple low cost under pump check valve.
- 11mm dia clearance holes for mounting.
- Triangular flange format matched pump inlets & flexis.



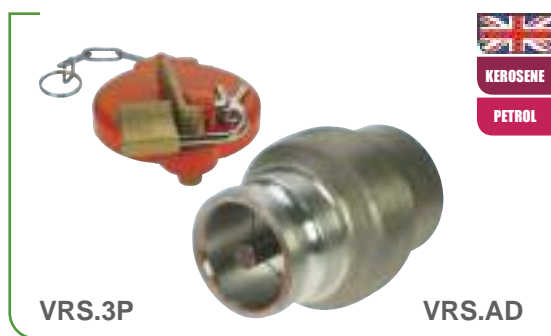
- DIESEL
- KEROSENE
- PETROL



TUSON

TUSON.SF

Stk Code	Description	List £
TUSON	Check valve no filter	64.72
TUSON.SF	Optional filter fits TUSON valve above	8.73



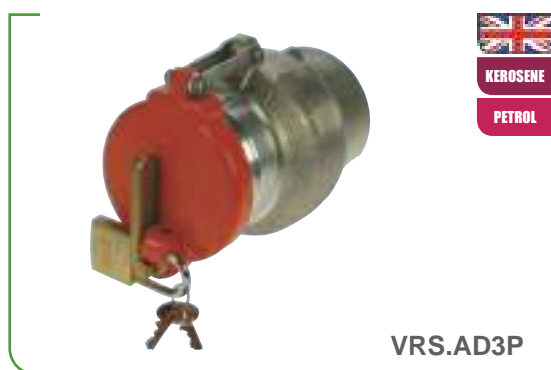
Vapour Recovery Adaptor

- Connector for the vapour return hose from the road tanker.
- 3" cam x 3" F BSPP. One piece, cast aluminium body.
- An internal poppet seals when the hose is disconnected.
- Viton seat & stainless steel centre pin.

Dust Cap

- Aluminium dust cap with powder coat orange finish.
- Cap supplied with stainless retaining chain & integral padlock.

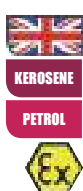
Stk Code	Description	List £
VRS.AD	Vapour adaptor	84.61
VRS.3P	3" dust cap & padlock	53.28



Vapour Recovery Adaptor & Cap Assembly

- Connector for the vapour return hose from the road tanker.
- No more hunting around for lost caps.
- 3" cam x 3" F BSPP vapour adaptor, captive dust cap & padlock with permanent link device to help overcome problems associated with chains.
- Adaptor & cap linked by permanent stainless steel arm.
- Cap comes with padlock, keys different.

Stk Code	Description	List £
VRS.AD3P	Vapour adaptor & cap keys different	141.88



Vapour Recovery Adaptor, Cap & Flame Arrestor

- Connector & cap for vapour return hose from the road tanker.
- Complete with flame arrestor to BS EN ISO16852:2016.
- All new retail petrol sites require BS EN ISO16852:2016 equipment.
- 3" cam x 3" F BSPP threads.
- Comes with keys different.
- Flanged flame arrestor makes removal & cleaning easy.

Stk Code	Description	List £
VRS.ADN	Adaptor c/w flame arrestor & cap keys different	477.07



PV Valve For Vapour Recovery

- 2" F BSPP pressure vacuum valve for vapour recovery.
- Poppet type valve.
- Opens at 35mb pressure or 2mb vacuum.
- Anodised aluminium body with teflon coating.
- Designed & approved to the new standard BS EN ISO 16852:2016.
- VRS.PVGE - version for ethanol E85 nickel plated.

Stk Code	Description	List £
VRS.PVG	Pressure/vacuum valve vent cap	132.55
VRS.PVGE	As above for ethanol (E85)	199.97

Ball Float Vent Fittings

- Simple float valve fitting designed to fit into the tank vent.
- Fits inside the tank below the tank man lid.
- If the tank fills the ball float rises closing off the vent.
- Helps to prevent tanks being overfilled.
- 2" M BSPT.



- DIESEL
- KEROSENE
- PETROL



UMFL.23R

Stk Code	Description	List £
UMFL.23R	2" M BSPT x 240mm long	74.25

Retaining Cage For Overfill Prevention Valves - 4"

- Used to lock overfill prevention valve assemblies within the offset tee.
- Suitable for below ground tanks offset fills only.
- Adjustable in length to suit various tees.
- Screws inside 4" BSP tee pieces.



- DIESEL
- KEROSENE
- PETROL



64-CAGE

Stk Code	Description	List £
64-CAGE	Adjustable cage for 4" offset tee	64.76

Galvanised Fittings

- A complete range of galvanised fittings.
- **For stainless steel fittings see page 116.**
- **For black iron fittings see page 143.**

- DIESEL
- KEROSENE
- OIL
- PETROL



ELB.6MFG

ELB.6FFG

Stk Code	Description	List £
ELB.4FFG	Elbow, 90 deg, 1" F x F BSPT	4.36
ELB.6FFG	Elbow, 90 deg, 1½" F x F BSPT	11.50
ELB.8FFG	Elbow, 90 deg, 2" F x F BSPT	12.10
ELB.4MFG	Elbow, 90 deg, 1" M x F BSPT	6.82
ELB.6MFG	Elbow, 90 deg, 1½" M x F BSPT	10.57
ELB.8MFG	Elbow, 90 deg, 2" M x F BSPT	16.12

- DIESEL
- KEROSENE
- OIL
- PETROL



TEE.8G

Stk Code	Description	List £
TEE.4G	Equal tee, 1" F BSPT	5.34
TEE.6G	Equal tee, 1½" F BSPT	13.87
TEE.8G	Equal tee, 2" F BSPT	17.06

Galvanised Fittings



- DIESEL
- KEROSENE
- OIL
- PETROL

Stk Code	Description	List £
PLG.4G	Plug, 1" M BSPT	2.95
PLG.6G	Plug, 1½" M BSPT	4.38
PLG.8G	Plug, 2" M BSPT	6.28
CAP.4G	Cap, 1" F BSPP	2.92
CAP.6G	Cap, 1½" F BSPP	4.39
CAP.8G	Cap, 2" F BSPP	9.37



- DIESEL
- KEROSENE
- OIL
- PETROL

Stk Code	Description	List £
SKT.4G	Socket, 1" F BSPP	2.85
SKT.6G	Socket, 1½" F BSPP	5.77
SKT.8G	Socket, 2" F BSPP	9.63
UN.8FFG	Union, 2" F x F BSPT	30.74
UN.4MFG	Union, 1" M x F BSPT	14.35
UN.6MFG	Union, 1½" M x F BSPT	26.12



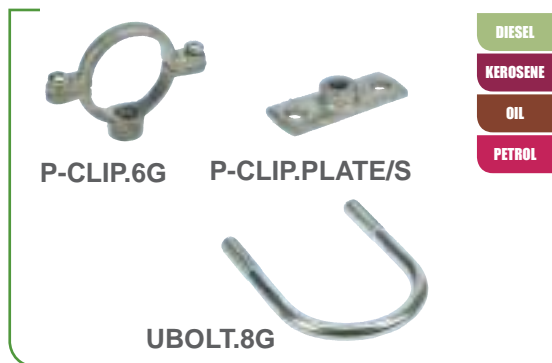
- DIESEL
- KEROSENE
- OIL
- PETROL

Stk Code	Description	List £
NIP.4BG	Barrel nipple, 1" M BSPT	3.69
NIP.6BG	Barrel nipple, 1½" M BSPT	6.21
NIP.8BG	Barrel nipple, 2" M BSPT	8.60
NIP.4HG	Hex nipple, 1" M BSPT	3.06
NIP.6HG	Hex nipple, 1½" M BSPT	5.53
NIP.8HG	Hex nipple, 2" M BSPT	9.73
NIP.8.6G	Reducing hex nipple, 2" M x 1½" M BSPT	11.44



- DIESEL
- KEROSENE
- OIL
- PETROL

Stk Code	Description	List £
BSH.6.4G	Reducing bush, 1½" M x 1" F BSPT	5.60
BSH.8.4G	Reducing bush, 2" M x 1" F BSPT	6.73
BSH.8.6G	Reducing bush, 2" M x 1½" F BSPT	6.50
LTC6G	Connector, 1½" M x F BSPT	60.74



- DIESEL
- KEROSENE
- OIL
- PETROL

Stk Code	Description	List £
P-CLIP.6G	Pipe clip, 1½", single ring	6.96
P-CLIP.8G	Pipe clip, 2", single ring	8.33
P-CLIP.PLATE/S	Plate for pipe clip, M10 thread	2.72
UBOLT.8G	U Bolt, zinc plated mild steel, 2"	7.01

UPP Pipework System



- ADBLUE® DEF
- B100
- BIOFUEL
- DIESEL
- HEATING OIL
- KEROSENE
- OIL
- PETROL

15 year guarantee
Can be used above ground



Pipework Coil

What is it?

- Universal Petro Pipe (UPP) is the leading lightweight, flexible, non-metallic pipework system for above & below ground fuel lines.
- Environmentally safe, UPP pipe & fittings meet & exceed current legislation & standards required for use in the petrol station industry.
- Electrofusion welding of pipes & fittings creates a pipe system that is strong, flexible & easy to install.

What is it made from?

UPP pipes black outer structural layer is a PE100 high density polyethylene, which is both puncture & rodent resistant. It has a clear, un-pigmented natural EVOH inner layer which is seamlessly & permanently bonded to the structural layer. Providing you with a new level of protection & performance with exceptional resistance to permeation & allows the EN14125 pipe to achieve an exceptional Class T1 temperature rating allowing the pipe to be use in a wide range of installation & environments. Its smooth bore, & low friction loss design, allows for higher flow rates than steel.

Does it work?

Over 30 years of experience shows no pipe failures & no loss of product into the ground. There has been over 20 million metres of pipe installed. UPP is now widely used in a number of market sectors including petroleum retail, marine, mining, generator systems & heating oil systems in over 48,000 sites, across 160+ countries.

Approvals?

UPP pipework has been independently tested to meet Institute Of Petroleum by ERA Technology Ltd Cert No. BC63/0777/97/001A. OFCERT (OFTEC) Licence No. 2072090201. The entire product range is manufactured to the British Standard EN14125.

15 Year Guarantee

15 years manufacturers guarantee subject to installation by trained installers.

Training

All installers must complete a training course prior to supply of the pipe.

Product range

- Single (Primary) or secondary contained pipe (S/C).
- Choose coils (30m, 50m & 100m) or straight lengths (6m).
- Sizes from 32mm (1"), 50mm (1 1/2"), 63mm (2") 90mm (3") & 110mm (4").
- Pipe sizes refer to outer diameter (OD).



UPP Products



75/63mm Welded Termination



75/63mm Tee Assembly



UPP Pipework System

Installation & technical specification:

- Bend radius 1.5m (5ft) coils only.
- **Can be used above or below ground.**
- Pressure rated primary to 10 bar (145 psi) at 20°C.
- Pressure rated secondary to 4 bar (58 psi) at 20°C.
- Rupture pressure is 40 bar (600 psi).
- Recommended burial depth is a minimum of 300mm (12").
- All trenches should be sloped back towards the tank with a recommended gradient of 1:100. 15cm (6") bed of backfill material should be laid under the pipe. Acceptable backfill material: Well rounded pea gravel or well-graded sand, max particle size 20mm (3/4"). No more than 3% of particles should pass through a 2.5mm (1/8") screen.



63mm Flanged Transition Assembly



U-01.50.LS(6)

UPP Single Containment

- UPP extra lined pipe features a tough, specially bonded nylon liner. It comes in a variety of diameters & in either straight lengths or coils.

Stk Code	Description	List £
U-01.32.LS(100)	Pipe 32mm, 100m coil	POA
U-01.50.LS(6)	Pipe 50mm, 5.8m length	POA
U-01.50.LS(50)	Pipe 50mm, 50m coil	POA
U-01.50.LS(100)	Pipe 50mm, 100m coil	POA
U-01.63.LS(6)	Pipe 63mm, 5.8m length	POA
U-01.63.LS(100)	Pipe 63mm, 100m coil	POA
U-01.90.LS(6)	Pipe 90mm, 5.8m length	POA
U-01.110.006	Non pressure pipe 110mm, 5.8m	POA



U-01.63.50.LS(30)

UPP Secondary Containment

- The Secondary Containment system features a coaxial sleeve pipe which is pre-fitted over UPP extra primary pipe enabling all sizes of fuel & vapour lines to be installed with an uninterrupted interstitial space between the dispenser or fill point with leak detection connections if required.

Stk Code	Description	List £
U-01.40.32.LS(50)	Pipe 40/32mm, 50m coil	POA
U-01.40.32.LS(100)	Pipe 40/32mm, 100m coil	POA
U-01.63.50.LS(30)	Pipe 63/50mm, 30m coil	POA
U-01.63.50.LS(100)	Pipe 63/50mm, 100m coil	POA
U-01.75.63.LS(30)	Pipe 75/63mm, 30m coil	POA
U-01.75.63.LS(50)	Pipe 75/63mm, 50m coil	POA
U-01.63(SC)	Secondary pipe 63mm, 5.8m length	POA
U-01.75(SC)	Secondary pipe 75mm, 5.8m length	POA
U-01.110(SC)	Secondary pipe 110mm, 5.8m length	POA
U-01.125(SC)	Secondary pipe 125mm, 5.8m length	POA

Electrofusion Socket

- Sockets are manufactured from the same tough polyethylene material as UPP pipe. Each socket contains a heating element for thermofusion. Secondary sockets available.

Stk Code	Description	List £
U-02.32	Welding socket 32mm	POA
U-02.50	Welding socket 50mm	POA
U-02.63	Welding socket 63mm	POA
U-02.90	Welding socket 90mm	POA
U-02.110	Welding socket 110mm	POA



U-02.63

90 Degree Electrofusion Elbow

- 90 degree fusion elbows use the same electro-welding process as the welding sockets to attach to other pipes & fittings & give seamless piping with no joints. They save installers time & money by reducing the total number of fittings required to install a complete UPP system. Primary use only.

Stk Code	Description	List £
U-03.32.EIF	90 degree electrofusion 32mm	POA
U-03.50.EIF	90 degree electrofusion 50mm	POA
U-03.63.EIF	90 degree electrofusion 63mm	POA
U-03.90.EIF	90 degree electrofusion 90mm	POA
U-03.110.EIF	90 degree electrofusion 110mm	POA



U-03.63.EIF

45 Degree Electrofusion Elbow

- 45 degree fusion elbows use the same electro-welding process as the welding sockets to attach to other pipes & fittings & give seamless piping with no joints. They save installers time & money by reducing the total number of fittings required to install a complete UPP system. Primary use only. Non-electrofusion available.

Stk Code	Description	List £
U-04.32.EIF	45 degree electrofusion 32mm	POA
U-04.50.EIF	45 degree electrofusion 50mm	POA
U-04.63.EIF	45 degree electrofusion 63mm	POA
U-04.90.EIF	45 degree electrofusion 90mm	POA
U-04.110.EIF	45 degree electrofusion 110mm	POA



U-04.63.EIF

Electrofusion Tee

- Electrofusion tees save installers time & money by reducing the number of fittings needed on site.
- Use with primary pipe only.

Stk Code	Description	List £
U-08.32.EIF	Equal tee 32mm	POA
U-08.50.EIF	Equal tee 50mm	POA
U-08.63.EIF	Equal tee 63mm	POA
U-08.90.EIF	Equal tee 90mm	POA
U-08.110.EIF	Equal tee 110mm	POA



U-08.63.EIF

Threaded Termination - Male



U-91.063

- Male threaded terminations allow UPP systems to be directly connected to steel pipes & fittings at termination by means of a BSPT thread.

Stk Code	Description	List £
U-91.050	Threaded term., 50mm - 1½" M BSPT	POA
U-91.063.1	Threaded term., 63mm - 1½" M BSPT	POA
U-91.063	Threaded term., 63mm - 2" M BSPT	POA
U-91.090	Threaded term., 90mm - 3" M BSPT	POA

Threaded Termination - Female



U-92.063

- Female threaded terminations allow UPP systems to be directly connected to steel pipes & fittings at termination points by means of a BSPT thread.

Stk Code	Description	List £
U-11.32UF	Threaded term., 32mm - 1" F BSPT	POA
U-92.050	Threaded term., 50mm - 1½" F BSPT	POA
U-92.063.1	Threaded term., 63mm - 1½" F BSPT	POA
U-92.063	Threaded term., 63mm - 2" F BSPT	POA
U-92.090	Threaded term., 90mm - 3" F BSPT	POA
U-92.110	Threaded term., 110mm - 4" F BSPT	POA

Flanged Termination & Half Flanges



U-90.063.F

U-DN50M

- Flanged adaptor terminations allow connection to steel pipe via male or female coupling flanges.
 - Choose male or female half flanges.
 - Gasket & bolt sets available.

Stk Code	Description	List £
U-90.050.F	Flanged termination coupling 50mm	POA
U-90.063.F	Flanged termination coupling 63mm	POA
U-90.090.F	Flanged termination coupling 90mm	POA
U-90.110.F	Flanged termination coupling 110mm	POA
U-DN40F	Female half flange 40mm (1½" BSPT)	POA
U-DN50F	Female half flange 50mm (2" BSPT)	POA
U-DN80F	Female half flange 80mm (3" BSPT)	POA
U-DN100F	Female half flange 100mm (4" BSPT)	POA
U-DN40M	Male half flange 40mm (1½" BSPT)	POA
U-DN50M	Male half flange 50mm (2" BSPT)	POA
U-DN80M	Male half flange 80mm (3" BSPT)	POA
U-DN100M	Male half flange 100mm (4" BSPT)	POA
U-DN40/2	Gasket & bolt set 40mm (1½")	POA
U-DN50/2	Gasket & bolt set 50mm (2")	POA
U-DN80/2	Gasket & bolt set 80mm (3")	POA
U-DN100/2	Gasket & bolt set 100mm (4")	POA



U-DN50F

U-DN50/2

Gemini Secondary Containment System

Revolutionary Secondary Containment System

- No other secondary containment system has ever offered the ability to completely install the primary pipework system & execute integrity testing before closing the secondary system.

Less Fittings More Savings

- With Gemini three secondary containment fittings which are specifically designed to enclose standard one-piece primary fittings, allow you to reduce the number of necessary parts, welds, time & overall cost.

Better By Design

- Gemini provides up to a 50% reduction in primary & secondary fittings & up to 50% reduction in fusion weld operations.

General Information

- Gemini rewrites the rule book on secondary containment systems by splitting the secondary fitting into two pieces.
- Allows you to slide the secondary fitting away so that the primary joint can be fully welded, pressure tested & inspected before welding the secondary fittings for the utmost in system security.
- With its simple design three Gemini fitting models (tee, 90° bend, & inline/45° bend) make installing secondary containment easier & safer then ever.

Why Use The Gemini System

- Less fittings = more savings.
- Designed for efficiency, quicker to install.
- Allow separate welding & testing of primary system.
- Cuts down on pipe costs.
- Gives extreme confidence.
- Can use single weld lead.
- Independent primary system.

If you are already a trained UPP installer no need to re-train, call us for further details.

Training is free & is required before installing our UPP pipework system, please call us for details.

Let The Experts Tell You More

- If you would like to know more call & ask for a member of our UPP pipework team.
- They will take you through the details of the Gemini system of secondary containment & show you how you will benefit from the lower cost & greater efficiency in your installations.



Fittings Assembly



Welding Primary



Welding Primary

Gemini 90 Degree Fitting



U-G3-110-090

- Gemini 90 degree elbow assemblies save installers time & money by reducing the number of fittings & welds needed on site.
- Use with secondary containment pipe only.
- **Requires primary fittings see page 197.**

Stk Code	Description	List £
U-G3-040-032	90 degree 40/32mm	POA
U-G3-063-050	90 degree 63/50mm	POA
U-G3-075-063	90 degree 75/63mm	POA
U-G3-110-090	90 degree 110/90mm	POA
U-G3-125-110	90 degree 125/110mm	POA

Gemini 45 Degree/Straight Fitting



U-G4-110-090

- Gemini fittings save installers time & money by reducing the number of fittings & welds needed on site.
- Revolutionary design means installers carry one fitting to do both 45 degree & straight join assemblies.
- Use with secondary containment pipe only.
- **Requires primary fittings see page 197.**

Stk Code	Description	List £
U-G4-040-032	45 degree/straight 40/32mm	POA
U-G4-063-050	45 degree/straight 63/50mm	POA
U-G4-075-063	45 degree/straight 75/63mm	POA
U-G4-110-090	45 degree/straight 110/90mm	POA
U-G4-125-110	45 degree/straight 125/110mm	POA

Gemini Tee Fitting



U-G8-075-063

- Gemini tee assemblies save installers time & money by reducing the number of fittings & welds needed on site.
- Use with secondary containment pipe only.
- **Requires primary fittings see page 197.**

Stk Code	Description	List £
U-G8-040-032	Equal tee 40/32mm	POA
U-G8-063-050	Equal tee 63/50mm	POA
U-G8-075-063	Equal tee 75/63mm	POA

Universal Entry Boots

- Seals around pipes where they enter underground chambers.
- For polyethylene, fibreglass or metallic chambers & sumps.
- Each seal supports 3 pipe diameters.
- For use on flat smooth surfaces.

Stk Code	Description	List £
EB40-32	Entry boots 40mm - 32mm pipes	POA
EB54-75	Entry boots 54mm - 75mm pipes	POA
EB90-160	Entry boots 90mm - 160mm pipes	POA



EB40-32

EB54-75

Pipework For AdBlue®

- All UPP pipework has been approved for use with AdBlue®.
- Approved by the ERA Laboratory, Cert No. 4307 issued on 8th November 2005.
- **For more information on AdBlue® see page 113 - 116.**
- **AdBlue® hand pump & tank gauge also available see pages 38 & 156.**
- Pipework available in 32mm (1") 50mm (1½") & 63mm (2").

For more information on UPP pipework see pages 165 - 168.



Fittings For Adblue®

- Stainless steel end fittings.
- Available in 1", 1½" & 2".
- **Only** available as electrofusion, **so welder required see page 202.**
- For terminating UPP pipework at tanks & dispensers.

- Male end terminations.

Stk Code	Description	List £
U-81.032.SS	Threaded term., 32mm - 1" M BSPT	POA
U-81.050.SS	Threaded term., 50mm - 1½" M BSPT	POA
U-81.063.SS	Threaded term., 63mm - 2" M BSPT	POA

- Female end terminations.

Stk Code	Description	List £
U-82.032.SS	Threaded term., 32mm - 1" F BSPT	POA
U-82.063.SS	Threaded term., 63mm - 2" F BSPT	POA



U-81.032.SS



U-49.63.050.TP

Secondary Containment Terminator

- Terminating reducers are used within tank chambers & pump sumps to provide airtight termination to the interstitial space. Integral test ports are fitted with Schrader valves for pressure testing.

Stk Code	Description	List £
U-49.40.32	S/c term. reducer, 40x32mm	POA
U-49.40.32.TP	As above c/w test port	POA
U-49.063.050	S/c term. reducer, 63x50mm	POA
U-49.063.050.TP	As above c/w test port	POA
U-49.75.63	S/c term. reducer, 75x63mm	POA
U-49.75.63.2E	As above c/w test port	POA

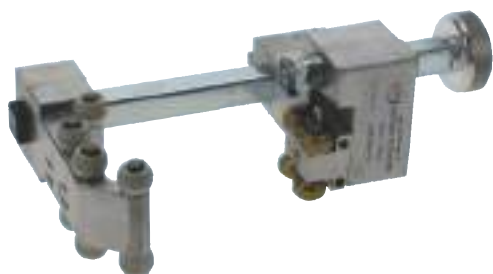


U-29.40.32.TP

Secondary Containment Boot

- For testing interstitial space.
- These test port versions come with an integral Schrader valve for connection to a sensor line.

Stk Code	Description	List £
U-29.40.32.TP	S/c term.boot/test port, 40x32mm	POA
U-29.63.50.TP	S/c term. boot/test port, 63x50mm	POA
U-29.75.63.TP	S/c term. boot/test port, 75x63mm	POA



U-SCR.025.110

Adjustable UPP Rotary Scraper Kit

- Scrapes primary, secondary pipe from 25mm to 110mm.
- Scrapes mid pipe & pipe ends.
- Reduces installation time.
- Lightweight & compact design.
- Multi-roller design gives excellent pipe stability.
- **Only available to buy, not to hire.**

Stk Code	Description	List £
U-SCR.025.110	Adjustable rotary scraper	POA



U-EW/E8/110V

110V UPP Combination Welder

- Combination welder, used for making electrofusion joints on UPP pipework.
- **Available to buy or hire.**
- Comes with a full set of 5.5m welding leads.
- Simple operation (no barcodes or programming required).
- LED graphic display shows weld progress.
- Weighs 10.8kg. Dimensions 410mm x 330mm x 170mm.

Stk Code	Description	List £
U-EW/E8/110V	110V UPP welder (buy)	POA
H-WELD	110V welder hire (per day)	POA
COLLECT.WELD	To collect from site (per visit)	POA

Scraper Kit

- Scraper kit removes outer layer of pipe which is to be inserted into the welding fitting, fits 50 - 110mm primary pipe only.
- Available to buy or hire.
- **Hire fees are per day.**



H-SCRAP

Stk Code	Description	List £
H-SCRAP	Scraper kit 50 - 110mm (per day)	POA

Plastic Pipe Cutters

- Cutters provide a clean square cut surface to pipe ends.
- Available to hire only.
- **Hire fees are per day.**

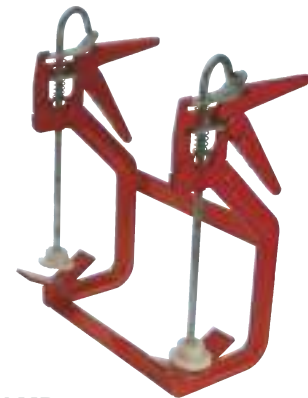


H-CUT

Stk Code	Description	List £
H-CUT	Pipe cutter 50 - 110mm (per day)	POA
H-CUT.160	Pipe cutter 110 - 160mm (per day)	POA

Plastic Pipe Clamps

- Clamps provide secure alignment of pipe during welding.
- Available to hire only.
- **Hire fees are per day.**



H-SCLAMP

Stk Code	Description	List £
H-ACLAMP	Angled welding clamp (per day)	POA
H-SCLAMP	Straight welding clamp (per day)	POA

Fuel Pipe Detector Mesh

- Lay above buried plastic pipework.
- Can be detected with a cable detector to warn of pipes below.
- Should be used for all non-metallic pipe runs.
- 200mm wide x 100m long rolls.
- Printed along the length reads '**Caution - Fuel Pipe Below**'.



DETECT.MO

Stk Code	Description	List £
DETECT.MO	Detection mesh, 100m	195.11

A

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WEEE Policy Statement

Policy statement by Hytek GB Ltd in respect of The Waste Electrical & Electronic Equipment Regulations 2006 (WEEE).

As a producer and supplier to the Business to Business market we are committed to the protection of the environment and recognise that the above regulation plays an important part in minimising the impact on the world we live in.

The regulation aims to recycle and make good use of the materials that make up old electrical & electronic equipment at the end of its useful life. Furthermore it aims to prevent the negative environmental impact of sending this type of equipment to landfill.

Hytek GB Ltd is registered as a producer with the UK Environment Agency through an approved compliance scheme. Our producer registration reference is WEE/AG0474RY.

The equipment that is subject to the WEEE regulation is marked with a crossed out wheelie bin logo denoting that it should not be disposed of as landfill waste.

Customers wishing to return WEEE should advise us at the time of placing orders for new equipment. A disposal charge will be applied. All price lists and quotations exclude end of life disposal charges.

Sales orders are accepted on the basis that customers accept full liability for the disposal of used WEEE equipment unless we are informed in writing at, or before, the point of placing orders. Failure to do so will mean the customer is deemed to have accepted this responsibility. Hytek GB Ltd is happy to undertake collection & disposal of WEEE on a chargeable basis.

Where a Hytek product is supplied to a EU member state other than the UK, the local importer or distributor should have made registration according to local requirements.

Reference Data

Length			
1 millimetre	= 0.0394 inch	1 inch	= 25.4 millimetres
1 centimetre	= 0.3937 inch	1 foot	= 30.48 centimetres
1 metre	= 1.0936 yards	1 yard	= 0.9144 metres
1 kilometre	= 0.6214 miles	1 mile	= 1.6093 kilometres
Area			
1 sq. metre	= 1.1960 sq. yards	1 sq. foot	= 0.0929 sq. metre
1 hectare	= 2.4710 acres	1 sq. yard	= 0.8361 sq. metre
1 sq. kilometre	= 0.3861 sq. miles	1 acre	= 4046.9 sq. metre
Capacity			
1 cu. decimetre	= 0.0353 cu. foot	1 cu. yard	= 0.7646 cu. metre
1 cu. metre	= 1.3080 cu. yards	1 gallon	= 4.5461 litres
1 litre	= 0.22 gallons	1 pint	= 0.5683 litre
1 litre	= 1.76 pints		
Weight			
1 gram	= 0.0353 ounces	1 ounce	= 28.35 grams
1 kilogram	= 2.2046 pounds	1 pound	= 0.4536 kilograms
1 tonne	= 0.9842 ton	1 ton	= 1.016 tonnes
Hoses			
5/8" bore	= 16mm bore	10ft	= 3.06 metres
3/4" bore	= 19mm bore	12ft	= 3.66 metres
1" bore	= 25mm bore	15ft	= 4.57 metres
		20ft	= 6.10 metres
Pressure			
1 atmosphere	= 14.7 psi	1 bar	= 0.987 atmosphere
1 atmosphere	= 1.0133 bar	1 bar	= 14.50 psi
1 psi	= 0.068 atmos.		
1 psi	= 0.069 bar		
Head Pressure		Temperature Conversion	
6 feet	= 3 psi	Centigrade	= (Fahrenheit - 32) x 5/9
8 feet	= 4 psi	Fahrenheit	= (Centigrade x 9/5) + 32
10 feet	= 5 psi		
12 feet	= 6 psi		

STANDARD TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR SERVICES

1. INTERPRETATION

- 1.1 The definitions and rules of interpretation in this condition apply in these conditions.
 Buyer: the person, firm or company who purchases the Goods from the Company.
 Company: Hytek GB Limited, Delta House, Green Street, Elsenham, Herts, CM22 6DS - UK
 Contract: any contract between the Company and the Buyer for the sale and purchase of the Goods, incorporating these conditions
 Data Protection Legislation: unless and until the General Data Protection Regulation ((EU) 2016/679) ("GDPR") is no longer directly applicable in the UK, the GDPR and any national implementing laws, regulations and secondary legislation, as amended or updated from time to time, in the UK; and thereafter the Data Protection Act 2018 or any secondary or successor legislation thereto Data Controller, Data Processor, Data Subject and Personal Data: all have the meaning set out under the Data Protection Legislation.
 Delivery Point: the place where delivery of the Goods is to take place under condition 4.
 Goods: any goods and/or services agreed in the Contract to be supplied to the Buyer by the Company (including any part or parts of them).
- 1.2 A reference to a particular law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.
- 1.3 Words in the singular include the plural and, in the plural, include the singular.
- 1.4 A reference to one gender includes a reference to the other gender.
- 1.5 Condition headings do not affect the interpretation of these conditions.

2. APPLICATION OF TERMS

- 2.1 Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, specification or other document).
- 2.2 No terms or conditions endorsed on, delivered with or contained in the Buyer's purchase order, confirmation of order, specification or other document shall form part of the Contract simply because of such document being referred to in the Contract.
- 2.3 These conditions apply to all the Company's sales and any variation to these conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a Director of the Company.
- 2.4 The Contract constitutes the entire agreement between the parties. The Buyer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.
- 2.5 Each order for Goods by the Buyer from the Company shall be deemed to be an offer by the Buyer to buy Goods subject to these conditions.
- 2.6 No order placed by the Buyer shall be deemed to be accepted by the Company until a written acknowledgement of order is issued by the Company or the Company delivers the Goods to the Buyer.
- 2.7 The Buyer shall ensure that the terms of its order and any applicable specification are complete and accurate.
- 2.8 Any quotation given by the Company shall not constitute an offer. A quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.

3. DESCRIPTION

- 3.1 The quantity and description of the Goods shall be as set out in the Buyer's order or the Company's current quotation or acknowledgement of order. If the description of the Goods is not set out in any such document, then the Company's current specification as published from time to time shall apply.
- 3.2 All samples, drawings, descriptive matter and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or any other contract between the Buyer and the Company, and this is not a sale by sample.

4. DELIVERY

- 4.1 Unless otherwise agreed in writing by the Company, delivery of the Goods shall take place at the address specified in the order provided by the Buyer.
- 4.2 The Buyer shall take delivery of the Goods within 7 days of the Company giving it notice that the Goods are ready for delivery.
- 4.3 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery shall be within a reasonable time.
- 4.4 The Company shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor shall any delay entitle the Buyer to terminate or rescind the Contract unless such delay exceeds 180 days.
- 4.5 If for any reason the Buyer fails to accept delivery of any of the Goods when they are ready for delivery, or the Company is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, licences or authorisations then from the time that the Buyer fails to accept delivery:
 - risk in the Goods shall pass to the Buyer (including for loss or damage caused by the Company's negligence);
 - the Goods shall be deemed to have been delivered; and
 - the Company may store the Goods until delivery, and the Buyer shall be liable for all related costs and expenses (including, without limitation, storage and insurance).
- 4.6 If 14 days after the Company notified the Buyer that the Goods were ready for delivery the Buyer has not accepted delivery of them, the Company may resell or otherwise dispose of part or all of the Goods and charge the Buyer for any shortfall below the price of the Goods that would have been payable to the Company by the Buyer.
- 4.7 The Buyer shall provide at the Delivery Point and at its expense adequate and appropriate equipment and manual labour for loading and unloading the Goods.
- 4.8 If the Company delivers to the Buyer a quantity of Goods of up to 10% more or less than the quantity accepted by the Company, the Buyer shall not be entitled to object to or reject the Goods or any of them by reason of the surplus or shortfall and shall pay for such goods at the pro rata Contract rate.
- 4.9 The Company may deliver the Goods by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract.
- 4.10 Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment, nor any delay in delivery or defect in an instalment, shall entitle the Buyer to repudiate or cancel any other Contract or instalment.
- 4.11 Goods returned to the Company within 14 days of purchase for credit without fault may be accepted at the discretion of the Directors provided the goods are unused and are, along with the associated packaging, in as new condition. The value of the credit will be less a restocking charge equal to 20% of the sale value.
- 4.12 Goods specially ordered or manufactured for the Buyer may not be returned for credit.

5. NON-DELIVERY

- 5.1 The quantity of any consignment of Goods as recorded by the Company on despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.
- 5.2 The Company shall not be liable for any non-delivery of Goods (even if caused by the Company's negligence) unless the Buyer gives written notice to the Company of the non-delivery within 7 days of the date when the Goods would in the ordinary course of events have been received.
- 5.3 Subject to condition 4.4, any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

6. RISK/TITLE

- 6.1 The Goods are at the risk of the Buyer from the time of their delivery or deemed delivery.
- 6.2 Ownership of the Goods shall not pass to the Buyer until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:
 - the Goods; and
 - all other sums which are, or which become due to the Company from the Buyer on any account.
- 6.3 Until ownership of the Goods has passed to the Buyer, the Buyer shall:
 - hold the Goods on a fiduciary basis as the Company's bailee;
 - store the Goods (at no cost to the Company) separately from all other goods of the Buyer or any third party in such a way that they remain readily identifiable as the Company's property;
 - not destroy, deface, remove or obscure any identifying mark or packaging on or relating to the Goods;
 - maintain the Goods in satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company, and on request produce the policy of insurance to the Company;
 - notify the Company immediately if it becomes subject to any of the events listed in condition 10.2; and

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- (f) give the Company such information relating to the Goods as the Company may require from time to time.
- 6.4 The Buyer may resell the Goods before ownership has passed to it solely on the following conditions:
(a) any sale shall be effected in the ordinary course of the Buyer's business at full market value; and
(b) any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
- 6.5 If before title to the Goods passes to the Buyer the Buyer becomes subject to any of the events listed in condition 10.2, or the Company reasonably believes that any such event is about to happen and notifies the Buyer accordingly, then the Buyer's right to possession of the Goods shall terminate immediately, and without limiting any other right or remedy the Company may have, the Company may at any time require the Buyer to deliver up the Goods and, if the Buyer fails to do so promptly, the Company may enter any premises of the Buyer or of any third party where the Goods are stored in order to recover them.
- 6.6 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
- 6.7 The Buyer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.
- 6.8 Where the Company is unable to determine whether any Goods are the goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all goods of the kind sold by the Company to the Buyer in the order in which they were invoiced to the Buyer.
- 6.9 On termination of the Contract, howsoever caused, the Company's (but not the Buyer's) rights contained in this condition 6 shall remain in effect.

7. PRICE

- 7.1 Unless otherwise agreed by the Company in writing, the price for the Goods shall be the price quoted by the Company or as set out in the Company's published price list in force on the date of delivery or deemed delivery.
- 7.2 The price for the Goods shall be exclusive of any value added tax and all costs or charges in relation to packaging, loading, unloading, carriage and insurance, all of which amounts the Buyer shall pay in addition when it is due to pay for the Goods.
- 7.3 The Company may, by giving notice to the Buyer at any time up to 7 days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
(a) any factor beyond the Company's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
(b) any request by the Buyer to change the delivery date(s), quantities or types of Goods ordered, or any specification; or
(c) any delay caused by any instructions of the Buyer or failure of the Buyer to give the Company adequate or accurate information or instructions.

8. PAYMENT

- 8.1 The Company may invoice the Buyer for the Goods on or at any time after the completion of delivery.
- 8.2 Subject to condition 8.5, payment of the price for the Goods is due in pounds sterling (or Euro if quoted) on delivery or if agreed in writing between the Company and the Buyer 30 days after the Goods are delivered or deemed to be delivered.
- 8.3 Time for payment shall be of the essence.
- 8.4 No payment shall be deemed to have been received until the Company has received cleared funds.
- 8.5 All payments payable to the Company under the Contract shall become due immediately on its termination despite any other provision.
- 8.6 The Buyer shall pay all amounts due under the Contract in full without any deduction or withholding except as required by law and the Buyer shall not be entitled to assert any credit, set-off or counterclaim against the Company in order to justify withholding payment of any such amount in whole or in part. The Company may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Buyer against any amount payable by the Company to the Buyer.
- 8.7 If the Buyer fails to make any payment due to the Company under the Contract by the due date for payment, then the Buyer shall pay interest to the Company on the overdue amount at the rate of 4% per annum above the Bank of England's base lending rate from time to time. Such interest shall accrue daily from the due date until the date of actual payment of the overdue amount, whether before or after judgment. The Buyer shall pay the interest together with the overdue amount.

9. QUALITY

- 9.1 Where the Company is not the manufacturer of the Goods, the Company shall endeavour to transfer to the Buyer the benefit of any warranty or guarantee given to the Company.
- 9.2 The Company warrants that (subject to the other provisions of these conditions) on delivery, and for a period of 12 months from the date of delivery, the Goods shall:
(a) be of satisfactory quality within the meaning of the Sale of Goods Act 1979;
(b) be reasonably fit for any particular purpose for which the Goods are being bought if the Buyer had made known that purpose to the Company in writing and the Company has confirmed in writing that it is reasonable for the Buyer to rely on the skill and judgement of the Company.
- 9.3 The Company shall not be liable for a breach of any of the warranties in condition 9.2 unless:
(a) the Buyer gives written notice of the defect to the Company within 7 days of the time when the Buyer discovers or ought to have discovered the defect; and
(b) the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Company's cost for the examination to take place there.
- 9.4 The Company shall not be liable for a breach of any of the warranties in condition 9.2 if:
(a) the Buyer makes any further use of such Goods after giving notice in accordance with condition 9.3; or
(b) the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or
(c) the Buyer alters or repairs such Goods without the written consent of the Company; or
(d) the defect arises as a result of the Company following any drawing, design or specification supplied by the Buyer;
(e) the defect arises as a result of fair wear and tear, wilful damage, negligence or abnormal storage or working conditions.
- 9.5 Subject to condition 9.3 and condition 9.4, if any of the Goods do not conform with any of the warranties in condition 9.2 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Buyer shall, at the Company's expense, return the Goods or the part of such Goods which is defective to the Company and on the basis that the return may be subject to a handling fee amounting to 15% of the invoice amount of the Goods.
- 9.6 If the Company complies with condition 9.5 it shall have no further liability for a breach of any of the warranties in condition 9.2 in respect of such Goods.
- 9.7 Any goods replaced shall belong to the Company and any repaired or replacement Goods shall be guaranteed on these terms for the un-expired portion of the 12-month period.

10. BUYER'S INSOLVENCY OR INCAPACITY

- 10.1 If the Buyer becomes subject to any of the events listed in condition 10.2 or the Company reasonably believes that the Buyer is about to become subject to any of them and notifies the Buyer accordingly, then, without limiting any other right or remedy available to the Company, the Company may cancel or suspend all further deliveries under the Contract or under any other contract between the Buyer and the Company without incurring any liability to the Buyer, and all outstanding sums in respect of Goods delivered to the Buyer shall become immediately due.
- 10.2 For the purposes of condition 10.1 the relevant events are:
(a) the Buyer suspends, or threatens to suspend, payment of its debts or is unable to pay its debts as they fall due or admits inability to pay its debts or (being a company) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing applies; or
(b) the Buyer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters any compromise or arrangement with its creditors other than (if the Buyer is a company) where these events take place for the sole purpose of a scheme for a solvent amalgamation of the Buyer with one or more other companies or the solvent reconstruction of the Buyer; or
(c) (being an individual) the Buyer is the subject of a bankruptcy petition or order; or
(d) a creditor or encumbrancer of the Buyer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days; or
(e) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Buyer; or
(f) (being a company) a floating charge holder over the assets of the Buyer has become entitled to appoint or has appointed an administrative receiver; or
(g) a person becomes entitled to appoint a receiver over the assets of the Buyer or a receiver is appointed over the assets of the Buyer; or
(h) any event occurs, or proceeding is taken, with respect to the Buyer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in condition 10.2
(a) to condition 10.2 (g) (inclusive); or
(i) the Buyer suspends, threatens to suspend, ceases or threatens to cease to carry on all or substantially the whole of its business; or
(j) the financial position of the Company deteriorates to such an extent that in the opinion of the Buyer the capability of the Seller adequately to fulfil its obligations under the Contract has been placed in jeopardy; or
(k) (being an individual) the Buyer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation.

11. LIMITATION OF LIABILITY

- 11.1 The following provisions set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
- (a) any breach of these conditions;
 - (b) any use made or resale by the Buyer of any of the Goods, or of any product incorporating any of the Goods; and
 - (c) any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.
- 11.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 11.3 Nothing in these conditions excludes or limits the liability of the Company:
- (a) for death or personal injury caused by the Company's negligence; or
 - (b) under section 2(3), Consumer Protection Act 1987; or
 - (c) for any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
 - (d) for fraud or fraudulent misrepresentation.
- 11.4 Subject to condition 11.3
- (a) the Company shall not be liable to the Buyer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit or indirect or consequential loss arising under or in connection with the Contract; and
 - (b) the Company's total liability to the Buyer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall not exceed the Contract price.

12. ASSIGNMENT

- 12.1 The Company may at any time assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
- 12.2 The Buyer may not assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract without the prior written consent of the Company.

13. FORCE MAJEURE

- 13.1 Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.
- 13.2 The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Company) if it is prevented from or delayed in the carrying on of its business due to a Force Majeure Event, provided that, if the event in question continues for a continuous period in excess of 60 days, either party shall be entitled to give notice in writing to the other to terminate the Contract.

14. DATA PROTECTION

- 14.1 Both parties will comply with all applicable requirements of the Data Protection Legislation. This clause 14 is in addition to, and does not relieve, remove or replace, a party's obligations under the Data Protection Legislation.
- 14.2 The parties acknowledge that for the purposes of the Data Protection Legislation, the Buyer is the data controller and the Company is the data processor.
- 14.3 Without prejudice to the generality of clause 14.1, the Buyer will ensure that it has all necessary and appropriate consents and notices in place to enable lawful transfer of the personal data to the Company for the duration and purposes of this agreement.
- 14.4 Without prejudice to the generality of clause 14.1, the Company shall, in relation to any personal data processed in connection with the performance by the Company of its obligations under this agreement:
- (a) process that personal data only on the written instructions of the Buyer unless the Company is required by the laws of any member of the European Union or by the laws of the European Union applicable to the Company to process personal data (Applicable Laws). Where the Company is relying on laws of a member of the European Union or European Union law as the basis for processing personal data, the Company shall promptly notify the Buyer of this before performing the processing required by the Applicable Laws unless those Applicable Laws prohibit the Company from so notifying the Buyer;
 - (b) ensure that it has in place appropriate technical and organisational measures, reviewed and approved by the Buyer, to protect against unauthorised or unlawful processing of personal data and against accidental loss or destruction of, or damage to, personal data, appropriate to the harm that might result from the unauthorised or unlawful processing or accidental loss, destruction or damage and the nature of the data to be protected, having regard to the state of technological development and the cost of implementing any measures (those measures may include, where appropriate, pseudonymising and encrypting personal data, ensuring confidentiality, integrity, availability and resilience of its systems and services, ensuring that availability of and access to personal data can be restored in a timely manner after an incident, and regularly assessing and evaluating the effectiveness of the technical and organisational measures adopted by it);
 - (c) ensure that all personnel who have access to and/or process personal data are obliged to keep the personal data confidential; and
 - (d) not transfer any personal data outside of the European Economic Area unless the prior written consent of the Buyer has been obtained and the following conditions are fulfilled:
 - (i) the Buyer or the Company has provided appropriate safeguards in relation to the transfer;
 - (ii) the data subject has enforceable rights and effective legal remedies;
 - (iii) the Company complies with its obligations under the Data Protection Legislation by providing an adequate level of protection to any personal data that is transferred; and
 - (iv) the Company complies with reasonable instructions notified to it in advance by the Buyer with respect to the processing of the personal data;
 - (e) assist the Buyer, at the Buyer's cost, in responding to any request from a data subject and in ensuring compliance with its obligations under the Data Protection Legislation with respect to security, breach notifications, impact assessments and consultations with supervisory authorities or regulators;
 - (f) notify the Buyer without undue delay on becoming aware of a personal data breach;
 - (g) at the written direction of the Buyer, delete or return personal data and copies thereof to the Buyer on termination of the agreement unless required by Applicable Law to store the personal data; and
 - (h) maintain complete and accurate records and information to demonstrate its compliance with this clause 14.4

15. GENERAL

- 15.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 15.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 15.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract shall not be construed as a waiver of any of its rights under the Contract.
- 15.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer shall not be deemed a waiver of any subsequent breach or default and shall in no way affect the other terms of the Contract.
- 15.5 The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 15.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by English law and the parties submit to the exclusive jurisdiction of the English courts.

16. COMMUNICATIONS

- 16.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first-class post or sent by fax or sent by email:
- (a) in case of communications to the Company to its registered office or such changed address as shall be notified to the Buyer by the Company; or
 - (b) in the case of the communications to the Buyer to the registered office of the addressee if it is a company or to any address of the Buyer set out in any document which forms part of the Contract or such other address as shall be notified to the Company by the Buyer.
- 16.2 Communications shall be deemed to have been received:
- (a) if sent by pre-paid first-class post, two days (excluding Saturdays, Sundays and bank and public holidays) after posting (exclusive of the day of posting); or
 - (b) if delivered by hand, on the day of delivery; or
 - (c) if sent by fax or by email on a working day prior to 4.00 pm, at the time of transmission and otherwise on the next working day.
- 16.3 Communications addressed to the Company shall be marked for the attention of a Director of the Company.



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