

## ELECTRONIC ZERO AIR LOSS DRAINS

### DESCRIPTION

The KAPTIV-CS (Compact Solution) removes all types of condensate from compressed air systems up to 3500 CFM (100 m³/min) without the loss of compressed air. The compact robust industrial housing, 2/2 way direct acting valve with a large orifice, alarm NC or NO, & the integrated mesh strainer make the KAPTIV-CS a highly reliable draining solution.

### FEATURES / BENEFITS

- Robust aluminium housing with three inlet options
- Integrated mesh strainer
- Extremely easy to disassemble
- Can be connected to any alarm device; alarm function (NO or NC) standard incorporated
- Successful draining of all types of condensate due to large orifice
- Easy installation & visual display of operating status
- Direct acting valve assembly, ensuring reliable discharge operation
- Including digital sight port / level indicator



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### KAPTIV-CS NO LOSS DRAIN A3 N/O

PART NUMBER	VOLTAGE	DRAIN CAPACITY
JORC3403A3	230 V AC	3500 CFM
JORC3423A3	115 V AC	3500 CFM
JORC3463A3	24 V AC	3500 CFM
JORC3483A3	24 V DC	3500 CFM

### A4 N/C

JORC3403A4	230 V AC	3500 CFM
JORC3423A4	115 V AC	3500 CFM
JORC3463A4	24 V AC	3500 CFM
JORC3483A4	24 V DC	3500 CFM

### SPECIFICATIONS

Max. compressor capacity	3500 CFM (100 m³/min)
Maximum drainage capacity	665 litres condensate per hour at 16 bar
Pressure range	0 to 16 bar
Valve type	2/2 way, direct acting
Valve orifice	4 mm
Valve seals	FPM
Inlet connections	1/2" (BSP or NPT), 3 inlet options
Inlet height	11 cm (top) & 7.5 & 1.5 cm (side)
Outlet connection	1/4" BSP
Temperature range	1°C to 50°C
Supply voltage options	230 V AC / 115 V AC / 24 V AC / 24 V DC
Power & alarm connectors	DIN 43650-B
Serviceable valve	Yes
Test feature	Yes
Environmental protection	IP65 (NEMA4)
Integrated mesh strainer	Yes
Alarm feature type	A3: Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation & ON when in alarm mode.
Contact output switch (voltage free)	A4: Normally closed contacts, open when in alarm phase. LED on the drain is OFF when in operation & ON when in alarm mode.
Housing material	Corrosion resistant aluminium

For high pressure models, please contact your distributor

## ELECTRONIC ZERO AIR LOSS CONDENSATE DRAINS

### DESCRIPTION

The KAPTIV-MD is a zero air-loss drain, designed for smaller compressed air applications. The KAPTIV-MD incorporates the reliable JORG direct acting valve assembly with FPM seals, offering a pressure range of 0 to 16 bar (up to 230 psi). The solid & robust aluminium housing design has also been incorporated into this model, following suit with the larger KAPTIV models. With an inlet connection height of only 74 mm, this is an incredibly compact solution with unrivalled installation versatility & reliability.

The weight of the KAPTIV-MD is only 0.5 kg. The maximum compressor capacity of this drain is 350 CFM (10 m³/min) & typical draining applications include fridge dryers & filters – mainly due to its incredible compact size.

### FEATURES / BENEFITS

- Extremely compact & lightweight unit
- True zero air-loss solution
- One model covers all compressor capacities up to 350 CFM (10 m³/min)
- No sizing chart required
- The serviceable valve offers maintenance opportunities
- Zero air-loss during the condensate discharge
- Easy to install due to its low inlet height
- External valve position allows for fast & easy maintenance
- Direct acting valve with FPM seal
- Robust, corrosion resistant aluminium housing
- Integrated mesh strainer



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New  
Additions

### KAPTIV-MD NO LOSS DRAIN

PART NUMBER	VOLTAGE	DRAIN CAPACITY	NO. OF PORTS
JORC3401	230 V AC	350 CFM	2
JORC3402	230 V AC	350 CFM	1
JORC3422	115 V AC	350 CFM	1
JORC3462	24 V AC	350 CFM	1
JORC3482	24 V DC	350 CFM	1

### SPECIFICATIONS

Max. compressor capacity	350 CFM (10 m³/min)
Maximum drainage capacity	45 litres condensate per hour at 16 bar
Pressure range	0 to 16 bar (0 to 230 psi)
Valve type	2/2 way, direct acting
Valve orifice	2 mm
Valve seals	FPM
Inlet connections	1/2" (BSP or NPT)
Inlet height	7.4 cm
Outlet connection	1/4" BSP
Temperature range	1°C to 50°C
Supply voltage options	230 V AC / 115 V AC / 24 V AC / 24 V DC
Power connector	DIN 43650-B
Serviceable valve	Yes
Test feature	Yes
Environmental protection	IP65 (NEMA4)
Housing material	Corrosion resistant aluminium, EP coating

New  
Additions

### KAPTIV-MD-AL C/W OPEN ALARM CONTACT NO LOSS DRAIN

PART NUMBER	VOLTAGE	DRAIN CAPACITY	CONTACT POSITION	NO. OF PORTS
JORC3401A1	230 V AC	350 CFM	N/O	2
JORC3402A1	230 V AC	350 CFM	N/O	1
JORC3402A2	230 V AC	350 CFM	N/C	1



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