

MAGNETICALLY OPERATED ZERO AIR LOSS & PNEUMATICALLY OPERATED LEVEL SENSED CONDENSATE DRAINS

DESCRIPTION

The MAGY and MAGY-UL are magnetic drains that discharge condensate from compressed air systems. They use magnetic force technology, with specially selected magnets that operate the 2/2-way direct-acting valve assembly. During the condensate discharge cycle, there is no loss of compressed air, and the discharge process is automatic. The MAGY and MAGY-UL are highly consistent and have a long operational life. The MAGY is typically used in refrigerated dryers and under piston compressors, where power is either unavailable, too expensive, or unreliable. The MAGY-UL is easy to install and service and can remain connected to the filter during maintenance.

The NUFORS-CR is a condensate drain that operates without electricity. It uses a newly developed 3/2-way level-controlled valve principle to operate a piston-type direct-acting valve. The advantage of this valve principle is that the NUFORS-CR's orifice can be 6 mm, which leads to increased reliability. It is ideally suited for applications where power is unavailable, too expensive, or unreliable. The NUFORS-CR is also suitable for applications requiring higher IP ratings (International Protection Rating). It has an IP 68/NEMA 6 rating. The discharge process is automatic, and the NUFORS-CR is highly reliable.

FEATURES / BENEFITS

- Extremely compact with top & side inlet options
- Level sensed magnetic technology saves air, energy & money
- No operating cost once installed
- Service kits available
- Direct acting valve, for a reliable discharge
- Operating pressure 0 to 16 bar (0 to 230 psi)
- Robust, corrosion resistant aluminium housing, finished with an ElectroPhoretic coating
- The direct acting valve is serviceable
- The MAGY & MAGY-UL bottom (outlet) can be rotated 360° for installation simplicity
- The NUFORS-CR has a built-in TEST feature

SPECIFICATIONS

	MAGY & MAGY-UL	NUFORS-CR
Maximum drainage capacity	200 litres condensate per hour	1062 l/hr @ 16 bar
Pressure range	0 to 16 bar (0 to 230 psi)	
Valve type	2/2 way, direct acting	Direct acting
Valve seals	FPM	
Inlet connections	1/2" (BSPP or NPT, 2 inlet options)	1/2" (BSPP or NPT, 3 inlet options)
Outlet connection	1/8" BSPP	1/4" BSPP with hose pipe connector
Inlet height	MAGY: 10.3 cm (top) & 9 cm (side) MAGY-UL: 10 cm (top)	12 cm (top), 9.7 cm & 1.5 cm (side)
Temperature range	1°C to 50°C	
Serviceable valve	Yes	
Test feature	JORC3904 & JORC3902: No JORC3914 & JORC3912: Yes	Yes
Housing material	Corrosion resistant aluminium, EP coating	
Environmental protection	MAGY-UL & NUFORS-CR: IP68 (NEMA6)	

MAGY – DUAL INLET NO LOSS FILTER DRAIN



7720

PART NUMBER	NO. OF INLETS	MAXIMUM FILTER CAPACITY
JORC3904	2	Unlimited

MAGY-UL NO LOSS FILTER DRAIN



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PART NUMBER	NO. OF INLETS	MAXIMUM FILTER CAPACITY
JORC3902	1	Unlimited

MAGY – DUAL INLET C/W TEST BUTTON NO LOSS FILTER DRAIN



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PART NUMBER	NO. OF INLETS	MAXIMUM FILTER CAPACITY
JORC3914	2	Unlimited

MAGY-UL C/W TEST BUTTON NO LOSS FILTER DRAIN



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PART NUMBER	NO. OF INLETS	MAXIMUM FILTER CAPACITY
JORC3912	1	Unlimited

NUFORS-CR NO LOSS DRAIN



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PART NUMBER	OPERATION
JORC3805	Pneumatically operated