



FLOTECH

Compressor & Vacuum Parts Ltd

Magnetically operated zero air loss drain

Product Features

The MGY is a magnetically operated zero air loss drain that discharges condensate from all types of compressed air filters and refrigerated dryers by using a unique technology based on magnetic forces.

The MGY uses specially selected magnets that operate the 2/2 way direct acting valve construction.

The discharge process of the MGY is automatic and there is no compressed air lost during the condensate discharge cycle. The specially selected long-life magnets ensure a reliable discharge operation.



The MGY is easy to install with top and side inlet options. The MGY is ideally suited in applications where power is not available, too expensive or not reliable.

Typically the MGY is installed in refrigerated dryers, filters and under piston compressors.

Commercial Benefits

- Does not require electricity
- No operating cost once installed
- Competitive true 'green' solution suitable for all compressed air filters and refrigerated dryer
- Zero air loss technology saves air, energy and money
- Low stocking cost advantages for you
- Low purchase threshold for your customers

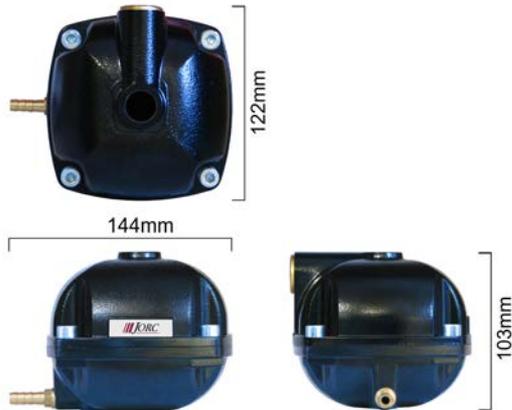
Technical Advantages

- Two inlet options
- Robust corrosion resistant aluminium housing
- Incredibly easy to install and to service
- No need to unthread the MGY for routine maintenance
- Direct acting valve, for a reliable discharge
- Service kit available

MGY

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Dimensions



Technical Data

Max. filter capacity	Unlimited
Max. drainage capacity	145 litres condensate per hour at 16 bar
Min./max. system pressure	0 - 16 bar (up to 230 PSI)
Min./max. medium temperature	1 - 50 °C
Min./max. ambient temperature	1 - 50 °C
Environmental Protection Inlet connection	IP68 (NEMA 6) 1/2" BSP or NPT, 2 inlet options
Inlet height	10,3 cm (top) 9 cm (side)
Outlet connection	1/8" BSP
Valve type	2/2 way direct acting
Valve orifice	2 mm
Valve seal	FPM
Serviceable valve	Yes
Housing material	Corrosion resistant aluminium, EP coating



Service kit available



Anti-air-lock adapter
(option)



Designed with top and
side inlet options



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