

PNEUDRAIN ZLM

Magnetically operated zero air loss filter drain

G 1/2", Single inlet

The PNEUDRAIN ZLM is a magnetically operated zero air loss drain that discharges condensate from all types of compressed air filters by using a unique technology based on magnetic forces and without the usage of electricity.

PRODUCT FEATURES

The PNEUDRAIN ZLM uses specially selected long-life magnets that operate the 2/2 way direct acting valve construction. These magnets ensure a reliable discharge operation.

The discharge process of the PNEUDRAIN ZLM is automatic, does not require electricity and there is no loss of compressed air during the condensate discharge cycle.

The PNEUDRAIN ZLM is easy to install and to service and can also remain hooked up to the filter while maintenance is being carried out (i.e. the drain does not need to be unthreaded from the filter).

We recommend to replace all unreliable filter (float) drains and to install the PNEUDRAIN ZLM. The PNEUDRAIN ZLM is also available with a test feature. The test button offers the solution to check your PNEUDRAIN ZLM, ensuring nothing is obstructing the orifice. It also allows you to depressurise the drain for those yearly maintenance moments.



COMMERCIAL BENEFITS

- Does not require electricity
- No operating costs once installed
- Competitive "true green" solution suitable
- Zero air loss technology saves air, energy and money
- Low stocking cost advantages for you
- Low purchase threshold for your customers
- Consult us for private labelling options

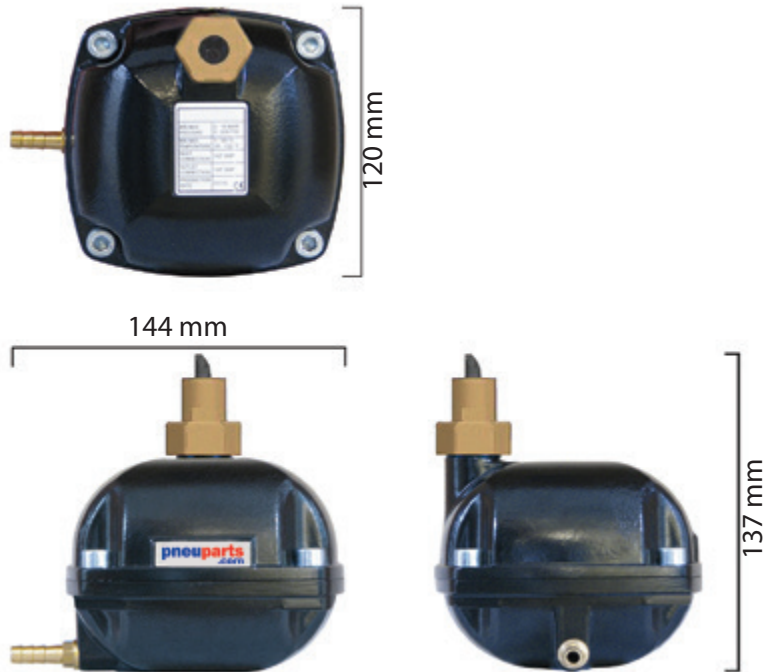
TECHNICAL ADVANTAGES

- Zero air loss, level sensed magnetic technology
- Compact design and light weight, less than 1 kg.
- Incredibly easy to install and to service
- Service kit available
- No need to unthread the drain for routine maintenance
- Bottom part of the housing can be rotated 360°
- Direct acting valve, for a reliable discharge
- Robust corrosion resistant aluminium housing
- The anti-air-lock adapter is integrated in the design

TECHNICAL ADVANTAGES

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PRODUCT DIMENSIONS



TECHNICAL SPECIFICATIONS

Max. filter capacity	Unlimited
Max. drainage capacity	145 litres condensate per hour at 16 bar
Min./max. system pressure	0 - 16 bar (0 - 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Enclosure protection rating	IP68 (NEMA6)
Inlet connection	1/2" BSP or NPT
Inlet height (incl. adapter)	13,7 cm
Outlet connection	1/8" BSP, with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	2 mm
Valve seals	FPM
Serviceable valve	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test button	Optionally available
Anti-air-lock adapter	Standard integrated



Top part of the housing can be rotated 360° for installation simplicity



Integrated anti-air-lock adapter



Optionally available with a test button

PNEUDRAIN ZLM

Magnetically controlled level controlled condensate drain

with rear connection, lower installation, Double inlet

The PNEUDRAIN ZLM is a magnetically operated zero air loss drain that discharges condensate from all compressed air systems by using a unique technology based on magnetic forces and without the usage of electricity.

PRODUCT FEATURES

The PNEUDRAIN ZLM uses specially selected long-life magnets that operate the 2/2 way direct acting valve construction. These magnets ensure a reliable discharge operation. The discharge process of the PNEUDRAIN ZLM is automatic, does not require electricity and there is no compressed air lost during the condensate discharge cycle.

The PNEUDRAIN ZLM is easy to install with top and side inlet options. The PNEUDRAIN ZLM is ideally suited in applications where power is not available, too expensive or not reliable. Typically the PNEUDRAIN ZLM is installed in refrigerated dryers, filters and under piston compressors.

The PNEUDRAIN ZLM is also available with a test feature. The test button offers the solution to check your PNEUDRAIN, ZLM ensuring nothing is obstructing the orifice. It also allows you to depressurise the drain for those yearly maintenance moments.



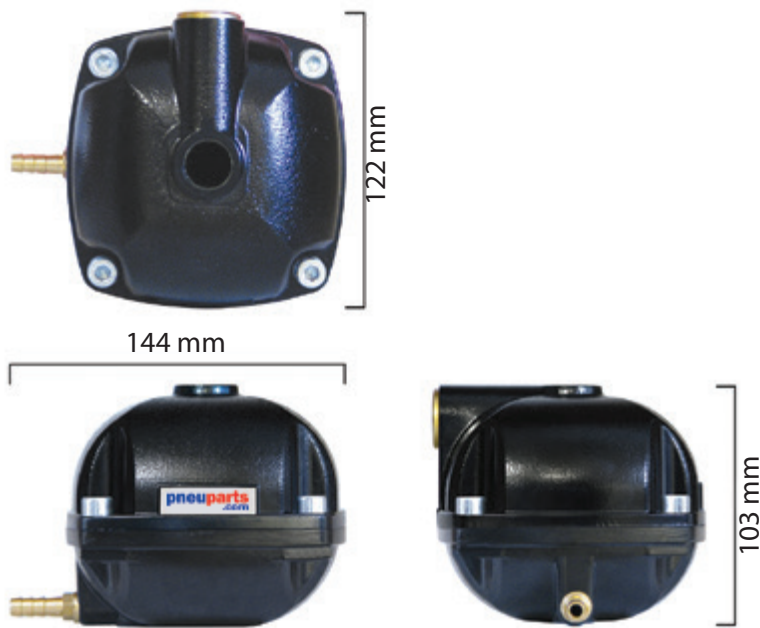
COMMERCIAL BENEFITS

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

TECHNICAL ADVANTAGES

- Zero air loss, level sensed magnetic technology
- Two inlet options
- Incredibly easy to install and to service
- Service kit available
- No need to unthread the PNEUDRAIN ZLM for routine maintenance
- Bottom part of the housing can be rotated 360° for installation simplicity
- Direct acting valve, for a reliable discharge
- Robust corrosion resistant aluminium housing
- Anti-air-lock adapter optionally available

PRODUCT DIMENSIONS



TECHNICAL SPECIFICATIONS

Max. filter capacity	Unlimited
Max. drainage capacity	145 litres condensate per hour at 16 bar
Min./max. system pressure	0 - 16 bar (0 - 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Enclosure protection rating	IP68 (NEMA6)
Inlet connections	1/2" BSP or NPT, 2 inlet options
Inlet height	10,3 cm (top) and 9 cm (side)
Outlet connection	1/8" BSP, with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	2 mm
Valve seals	FPM
Serviceable valve	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test button	Optionally available



Bottom part of the housing
can be rotated 360° for
installation simplicity



Service kit available



Anti-air-lock adapter
available