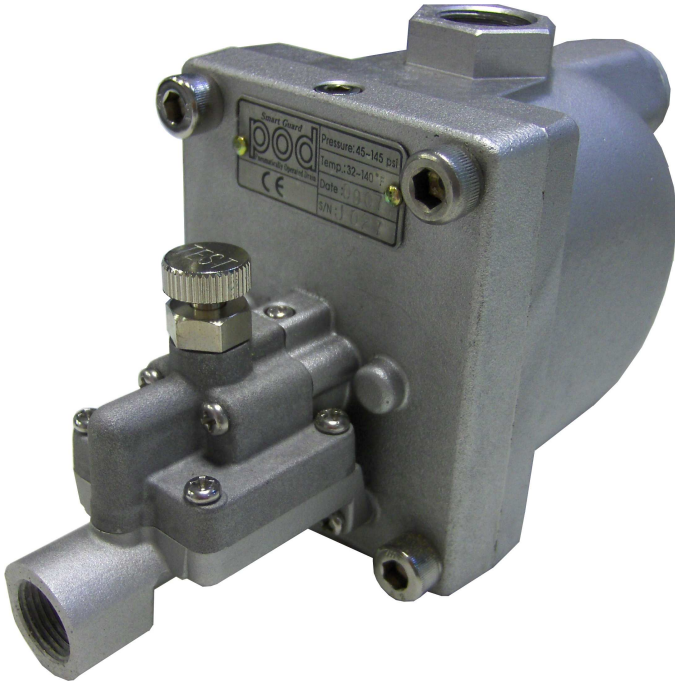


Installation & Maintenance Instructions

POD 1/2" & 3/4"

Pneumatically operated demand drain



0907

GENERAL OPERATION

The POD removes condensate from compressed air systems.

The operation is automatic and there is no unnecessary compressed air lost during the condensate discharge cycle.

The POD uses pneumatic forces to operate the valve assembly and is ideally suited in applications where power is not available, too expensive or not reliable.

SAFETY and PROPER USAGE

To ensure safe and enduring performance of this product, you must comply strictly with the instructions enclosed herein. Non-compliance with instructions or improper handling of the product will void your warranty!
This product is designed to drain condensate from compressed air systems. Usage of this product in conditions not specified in this manual or in contrary to the instructions hereby provided is considered IMPROPER.
The manufacturer will not be held liable for any damages resulting from improper use of the product.

Installation Instructions

IMPORTANT NOTICE

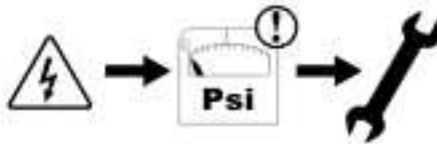
Before installing this product make sure it complies with your request and that it suits your application!

Available pressure range options are:

- POD 14 - 45 Psi
- POD 45 - 145 Psi
- POD 145 - 230 Psi

See the label on your POD to check the version you have received!

Unpack the unit and visually inspect for any transport damage incurred after leaving our factory.

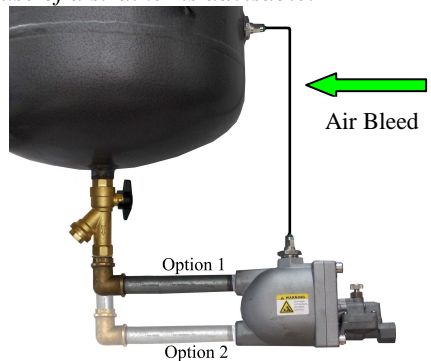


Depressurise the system before installation or maintenance is carried out!

Top inlet connection.
The use of a strainer is advisable.



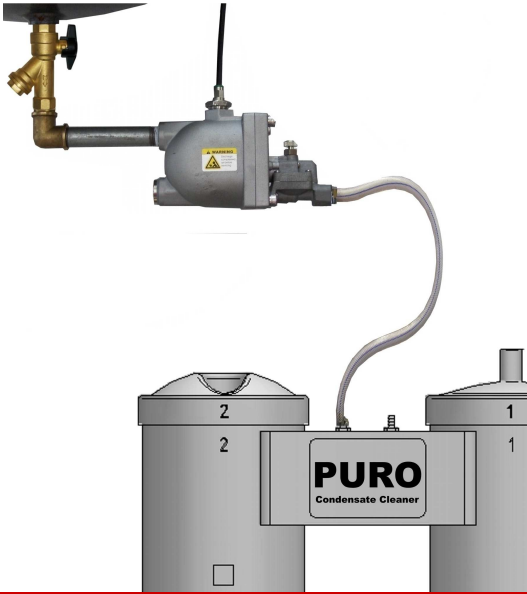
Side inlet connection.
The use of a strainer is advisable.



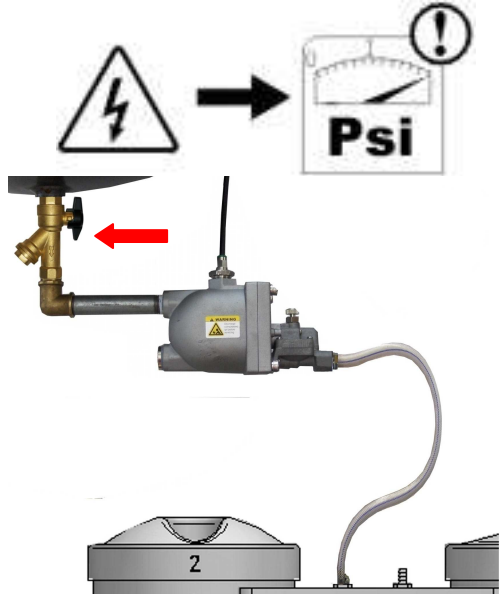
**Notice: An airbled line to a higher situated point in your compressed air system is required.
Inlet and airbled line should have equal pressure.**

Installation Instructions - Continued

Connect the outlet to an oil/water separator. We recommend to use a PURO Condensate Cleaner.



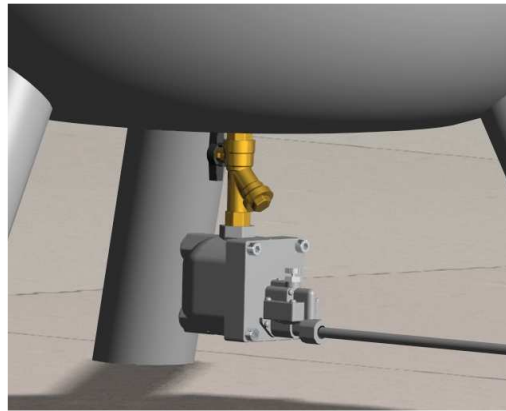
Slowly open the ballvalve to restore normal system operation.



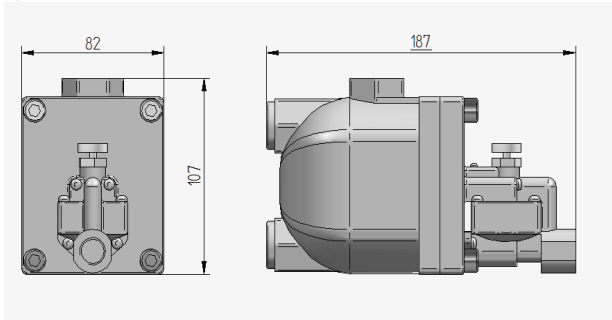
Press and hold the test button to check the pneumatic valve function.



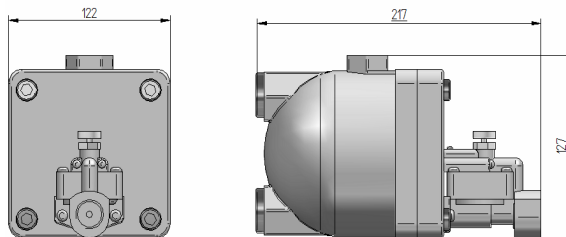
Your POD is now ready for operation!



Dimensions (mm)



POD 1/2''



POD 3/4''

Safety & Warning Instructions

ATTENTION

- Observe valid and generally accepted safety rules when planning, installing and using this product.
- Take proper measures to prevent unintentional operation of the product or damage to it.
- Do not attempt to disassemble this product or lines in the system while they are under pressure.
- Always depressurise the compressed air system before working on the system.

It is important that personnel use safe working practices and observe all regulations and legal requirements for safety when operating this product. When handling, operating or carrying out maintenance on this product, personnel must employ safe engineering practices and observe all local health & safety requirements & regulations. International users refer to regulations that prevail within the country of installation. Most accidents, which occur during the operation and maintenance of machinery, are the result of failure to observe basic safety rules or precautions. An accident can often be avoided by recognising a situation that is potentially dangerous. Improper operation or maintenance of this product could be dangerous and result in an accident causing injury or death. The manufacturer cannot anticipate every possible circumstance, which may represent a potential hazard.

The WARNINGS in this manual cover the most common potential hazards and are therefore not all-inclusive. If the user employs an operating procedure, an item of equipment or a method of working which is not specifically recommended by the manufacturer he must ensure that the product will not be damaged or made unsafe and that there is no risk to persons or property.

Technical Specifications

Model	1/2"	3/4"
Maximum compressor capacity	1765 cfm	4589 cfm
Inlet/outlet connection	1/2" inlet and 3/8" outlet	3/4" inlet and 1/2" outlet
Valve orifice	4.0 mm	7.0 mm
Min./maximum system pressure	14 Psi min. / 230 Psi max. <i>* Depends on model. See chart below.</i>	14 Psi min. / 230 Psi max. <i>* Depends on model. See chart below.</i>
Minimum medium temperature	32° F <i>(optional heater required)</i>	32° F <i>(optional heater required)</i>
Maximum medium temperature	140° F	140° F
Servicable valve	Yes	Yes
Valve seals	Viton (FPM)	Viton (FPM)
Housing material <i>(optional oil free applications)</i>	Aluminium	Aluminium

*Available options to match your compressed air system

Article#	Product description	Inlet	Pressure range	Orifice
3873	POD Pneumatic drain	1/2"	14 - 45 Psi	4.0 mm
3874	POD Pneumatic drain	3/4"	14 - 45 Psi	7.0 mm
3877	POD Pneumatic drain for oil free application	1/2"	14 - 45 Psi	4.0 mm
3878	POD Pneumatic drain for oil free application	3/4"	14 - 45 Psi	7.0 mm
3883	POD Pneumatic drain	1/2"	45 - 145 Psi	4.0 mm
3884	POD Pneumatic drain	3/4"	45 - 145 Psi	7.0 mm
3887	POD Pneumatic drain for oil free application	1/2"	45 - 145 Psi	4.0 mm
3888	POD Pneumatic drain for oil free application	3/4"	45 - 145 Psi	7.0 mm
3893	POD Pneumatic drain	1/2"	145 - 230 Psi	4.0 mm
3894	POD Pneumatic drain	3/4"	145 - 230 Psi	7.0 mm
3897	POD Pneumatic drain for oil free application	1/2"	145 - 230 Psi	4.0 mm
3898	POD Pneumatic drain for oil free application	3/4"	145 - 230 Psi	7.0 mm

