



INSTALLATION & MAINTENANCE INSTRUCTIONS

7-2018

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! 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.

SAFETY & WARNING INSTRUCTIONS

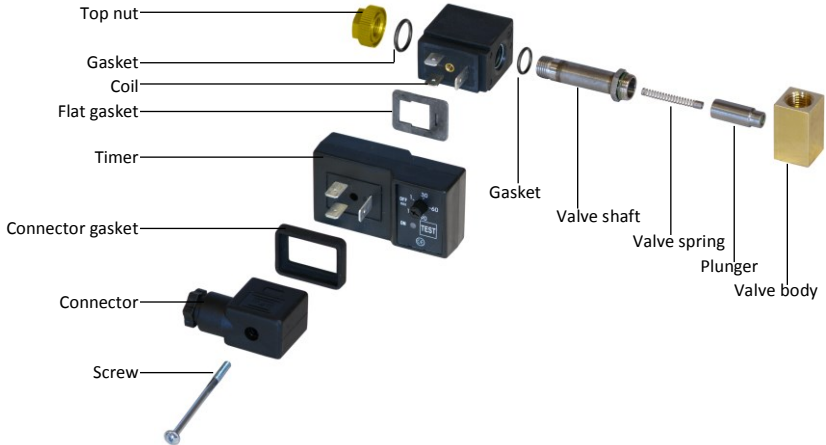
- Observe valid and generally accepted safety rules when planning, installing and using this product.
- Take proper measures to prevent unintentional operation of the product or damage to it.
- Do not attempt to disassemble this product or lines in the system while they are under pressure.
- Always depressurise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

NEVER CHANGE ORIGINAL COMPONENTS WITH ALTERNATIVES



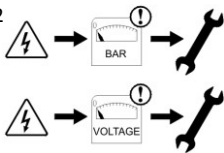
WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov



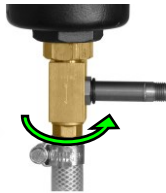
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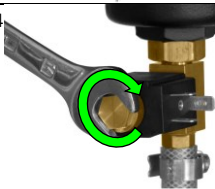
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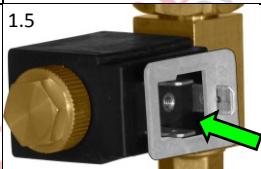
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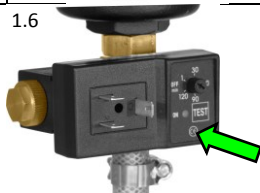
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1.5



1.6



INSTALLATION INSTRUCTIONS 1/2

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

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

1.2 Depressurise the system and shut off the power supply before installation or maintenance is carried out!

1.3 Install the valve as illustrated and connect the outlet to a condensate cleaner.

- Make sure the arrow on the valve complies with the flow direction of the condensate.

- Do not use the valve shaft as a lever!

1.4 Slide the coil on to the shaft and tighten the top nut (max. torque 1Nm) using a 14mm wrench.

- The coil can be rotated 360° around the valve, align the coil as desired.

- Make sure both gaskets are secured properly to ensure IP65 rating.

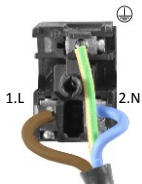
1.5 Place the flat gasket over the coil connection pins.

- Make sure there is no debris between the gasket and the coil.

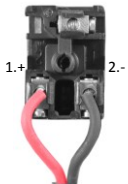
1.6 Place the timer on to the coil as illustrated.

- Make sure the gasket is secured properly to ensure IP65 rating.

1.7 AC



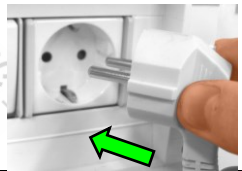
DC



1.8



1.9



1.10



1.11



1.12



INSTALLATION INSTRUCTIONS 2/2

1.7 Remove the protection cap from the connector and connect your power cable to the connector as illustrated. Close the connector and tighten the bottom nut firmly.

1.8 Place the connector gasket on the connector, install the connector on the timer as illustrated and tighten the screw (max. torque 1Nm).

- Make sure all gaskets are secured properly to ensure IP65 rating.

1.9 After double checking that the power supply corresponds with the voltage specified on the coil and falls within the range specified on the back of the timer, you can switch the power supply ON.

1.10 Slowly open the ball valve to restore normal system pressure.

1.11 Press the TEST button to check the valve function.

1.12 Your drain is now ready for operation!

Note: We advise to check this product at least once a year and replace serviceable parts when necessary.

Note: Clean the strainer periodically to avoid possible blocking causes by rust and/or debris.

Note: Check the valve function periodically. A purging sound must be heard.

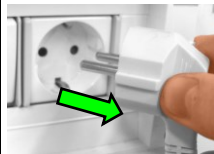
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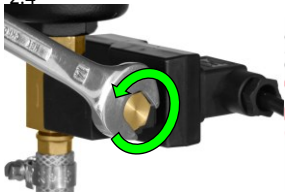
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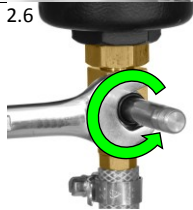
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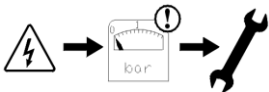


2.6



MAINTENANCE INSTRUCTIONS 1/2

These instructions are for cleaning the drain. If your drain requires maintenance, i.e. replacement of wearing components, please refer to our dedicated maintenance instructions (supplied with the service kit).



Depressurise the system before installation or maintenance is carried out!

2.1 Close the condensate supply, i.e. close the ball valve.

2.2 Press the TEST button to empty the unit of any residual condensate and to depressurise the valve.

2.3 Switch off the electrical supply.

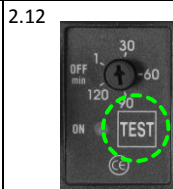
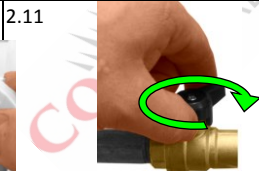
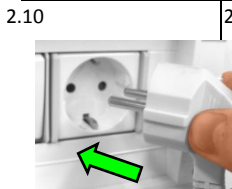
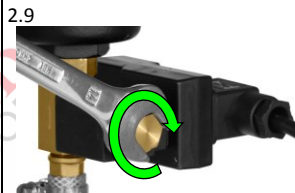
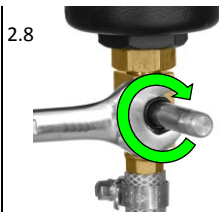
- Make sure the power is switched OFF before continuing this cleaning operation!

2.4 Unscrew the valve top nut using a 14mm wrench.

2.5 Remove the connector, timer and coil assembly from the valve shaft.

2.6 Unscrew the valve shaft using a 13mm wrench.

- Do not use the valve shaft as a lever!



MAINTENANCE INSTRUCTIONS 2/2

2.7 Clean all the valve parts, body and shaft.

- Note: if any parts are damaged please replace them using a service kit!

2.8 Replace the inner parts and shaft. Screw the valve assembly back on to the valve body using a 13mm wrench (max. torque 7Nm).

2.9 Replace the coil, timer and connector assembly on to the valve. Screw on the top nut, using a 14mm wrench (max. torque 1Nm).

- Make sure all gaskets are secured properly to ensure IP65 rating.

2.10 Switch on the power supply.

2.11 Slowly open the ball valve to restore normal system pressure.

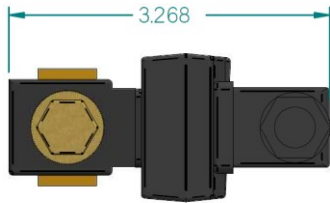
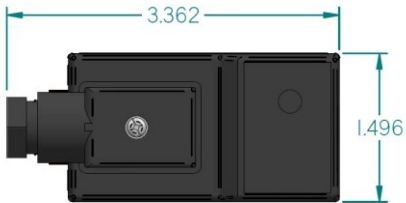
2.12 Press the TEST button to check the valve function.

- Your drain is now ready for operation!

TECHNICAL SPECIFICATIONS

Max. compressor capacity	Any size	
Pressure range	0 – 16 bar	0 – 230 psi
Supply voltage options	12 – 380 VAC/DC 50/60Hz <i>(see specifications on timer and coil)</i>	
Medium temperature	1 – 55 °C	34 – 131 °F
Ambient temperature	1 – 55 °C	34 – 131 °F
Timer cycle range (ON/OFF)	2 seconds, fixed / 1.2 – 120 minutes, adjustable 0.3 seconds, fixed / 1.5 – 30 minutes, adjustable	
Timer PCB	SMT technology	
Timer cycle indication	LED	
Test feature	Yes	
Valve type	2/2 way, direct acting	
Valve orifice	2 mm	
Valve seals	FPM	
Inlet/Outlet connections	1/8" or 1/4" (BSP or NPT)	
Serviceable valve	Yes	
Valve housing material	Brass	
Power connection	DIN 43650-B	
Environmental protection	IP65 (NEMA4)	

DIMENSIONS



CO