



**ED2000**



**MAINTENANCE INSTRUCTIONS**

## **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**

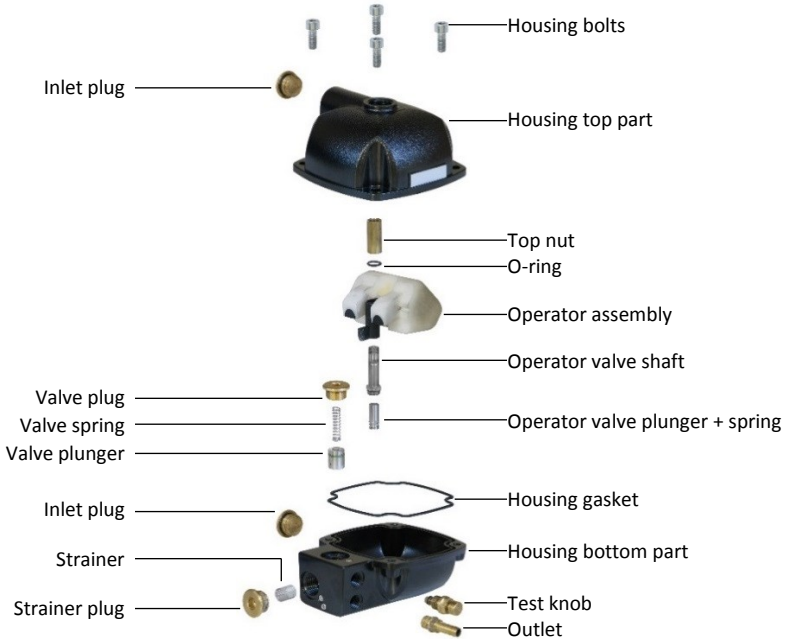
- Observe valid and generally accepted safety rules when planning, installing and using this product.
- Take proper measures to prevent unintentional operation of the product or damage to it.
- Do not attempt to disassemble this product or lines in the system while they are under pressure.
- Always depressurise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

## **GENERAL MAGNET SAFETY**

The magnets in the operator we use are extremely strong, and must be handled with care to avoid personal injury and damage to the magnets. Fingers and other body parts can get severely pinched between two attracting magnets. The strong magnetic fields of the magnets in the operator can also damage magnetic media such as floppy disks, credit cards, magnetic I.D. cards, cassette tapes, video tapes or other such devices. They can also damage televisions, VCRs, computer monitors and other CRT displays. Never place the operator near electronic appliances. Never allow magnets near a person with a pacemaker or similar medical aid. The strong magnetic fields of the magnets in the operator can affect the operation of such devices. The operator will lose its magnetic properties if heated above 175 °F (80 °C).

## **NEVER CHANGE ORIGINAL COMPONENTS WITH ALTERNATIVES**



## MAINTENANCE INSTRUCTIONS 1/2

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

1. Unpack the service kit and visually inspect for any transport damage incurred after leaving our factory.

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2. The kit consists of a new operator(1), operator valve(2), piston valve plunger + spring(3), housing gasket(4), test knob(5) and O-ring(6).

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3. Depressurise the system before maintenance is carried out! Isolate the drain from the condensate supply and depressurise the drain housing by pressing the test knob.

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4. Remove the outlet hose. Open the housing by unscrewing the 4 housing bolts using a 6mm Allen key.  
*- DO NOT ATTEMPT TO REMOVE THE DRAIN FROM THE AIR SYSTEM WHILE UNDER PRESSURE!*

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5. Unscrew the valve top nut, remove the O-ring and pull the operator assembly off the valve shaft.

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6. Unscrew the operator valve from the bottom part of the housing using a 13mm wrench.

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7. Remove the housing gasket.

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8. Unscrew the strainer plug using a 10mm Allen key and remove the strainer.

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9. Unscrew the valve plug using a 10mm Allen key.

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10. Remove the valve plunger and spring. You can easily remove these parts by pushing them up with a screwdriver (**careful**) through the strainer hole.

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11. Remove the test knob using a 14mm wrench.

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12. Clean the housing of any condensate residue using a dampened cloth. **Also see step 13.**

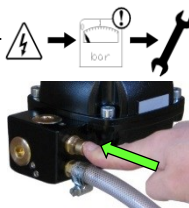
1.



2.



3.



4.



5.



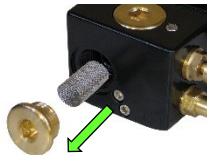
6.



7.



8.



9.



10.



11.



12.



## MAINTENANCE INSTRUCTIONS 2/2

13. Clean the strainer and all channels of the housing bottom part with an air gun.

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14. Screw in the new test knob(5) using a 14mm wrench (max. torque 7Nm.).

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15. Place the new piston valve plunger and spring(3) in the housing bottom part.

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16. Tighten the valve plug using a 10mm Allen key (max. torque 10Nm).

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17. Replace the strainer and tighten the plug using a 10mm Allen key (max. torque 10Nm).

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18. Place the new housing gasket(4).

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19. Screw in the new operator valve(2) using a 13mm wrench (max. torque 7Nm).

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20. Place the new operator(1) and O-ring(6) and screw the valve top nut on to the valve (max. torque 0,5Nm).

*- Make sure to push the operator all the way down.*

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21. Replace the housing bottom part and tighten the 4 housing bolts using a 6mm Allen key (max. torque 10Nm). Reconnect the outlet hose.

*- Make sure the housing gasket is properly placed between the housing parts.*

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22. Slowly pressurise the system.

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23. Press and hold the TEST button to check the pneumatic valve function.

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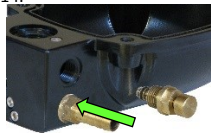
24. Your drain is ready for operation!

*\* Check the drain periodically by pressing the TEST button. A purging sound must be heard.*

13.



14.



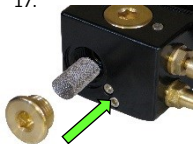
15.



16.



17.



18.



19.



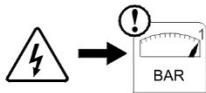
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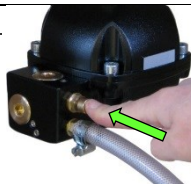
21.



22.



23.



24.



## SERVICE CHART

<i>Date</i>	<i>Description</i>	<i>Name</i>