



**INSTALLATION INSTRUCTIONS**  
1/2019

## **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 AND 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 and safety requirements and 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 REPLACE ORIGINAL COMPONENTS WITH ALTERNATIVES**

## INSTALLATION INSTRUCTIONS

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

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

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2. Depressurise the system before installation or maintenance is carried out!

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3. Locate a suitable point in your compressor room to place your separator.

This point must be near a suitable sewage point. The unit is designed to easily fit against a wall.

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4. Remove the lid and take the installation kit out of the housing.

*You can use the clothing kit to protect your own clothing.*

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5. Screw the inlet and outlet nipples with rubber rings in to their marked locations using a 22mm wrench.

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6. Screw the test valve with ring in to its marked location using a 17mm wrench.

*Make sure that the test valve is closed.*

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7. Connect the inlet nipple to the condensate collection pipe.

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8. Connect the outlet nipple to a suitable sewage point.

*Make sure the condensate always flows down.*

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9. Fill the unit with water from tower 1 until both towers are filled and water flows out of the outlet point.

*Tip: spraying water over the black element in tower 2 before filling the housing prevents carbon dust from spreading. Push the black element down until all the trapped air has escaped out of the element.*

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10. Replace the lid and place the Test bottle in its location on top of the lid.

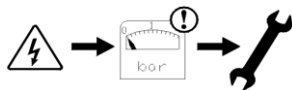
*Your Oil/Water Separator is ready for operation!*

*\*We recommend that initially a daily check is made on the quality of the output from your condensate cleaner. After a day or so, the output should be clear when viewed using the test bottle (see pages 6-7).*

1.



2.



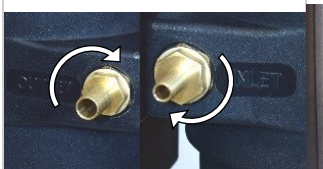
3.



4.



5.



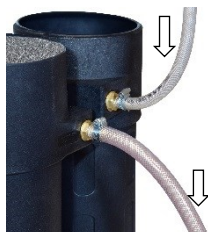
6.



7.



8.

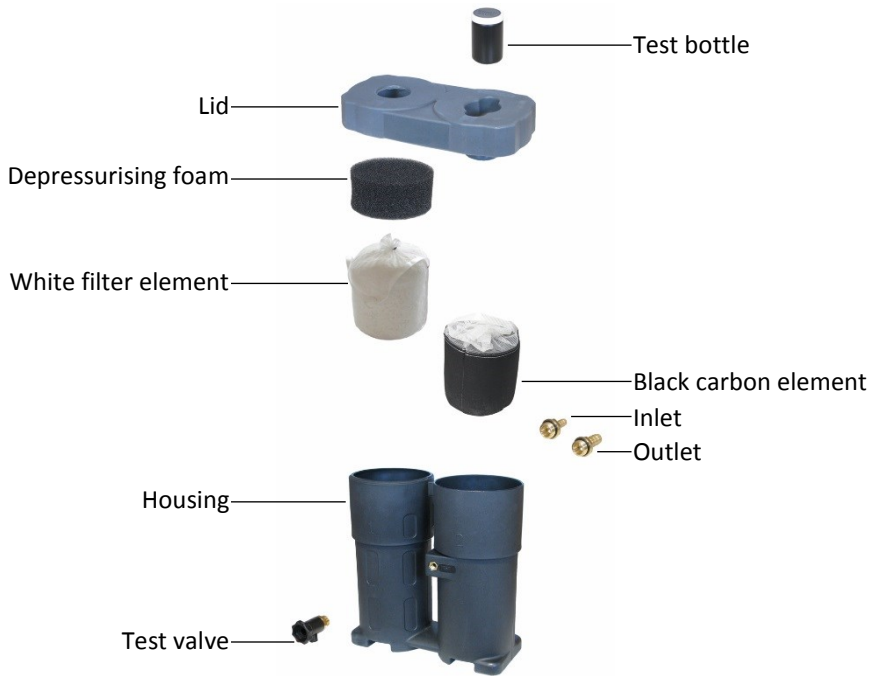


9.



10.





## TEST BOTTLE INSTRUCTIONS

1. Take the Test bottle out of its container and screw off the lid.
2. Hold the Test bottle under the test valve and open the test valve.
3. Fill the Test bottle to just above the top sticker, and close the test valve. Screw the lid back on the Test bottle.
4. By comparing the cloudiness of the condensate with the shaded area of the labels on the Test bottle, you can visually determine the potential oil content in the condensate.

### ***How to perform the check:***

- (a) Turn your Test bottle 90° and rotate the bottle until you have a part of the labels above and a part of the labels in the condensate level. This way you can compare the shaded area of the labels and the clarity of the condensate simultaneously.
- (b) If the cloudiness of the condensate is more than the background shaded area of the 20PPM label, and you can no longer see a difference between the shaded area of the label background and the cloudiness of the condensate, your elements may be saturated and may need replacing.

*Note: This test is a visual “indication only” test. To determine the exact oil content in your condensate sample, a laboratory test is required. This service is available through the manufacturer also.*

5. Pour the condensate back into the oil/water separator.
  6. Clean and dry the Test bottle with a cloth and screw the lid back on the Test bottle.
  7. Place the Test bottle back into its container and back in the lid of the oil/water separator.
- You can use the same Test bottle for future checks.

# TEST BOTTLE INSTRUCTIONS

1.



2.



3.



4(a).



4(b).



5.



6.



7.



## TECHNICAL SPECIFICATIONS

<b>Max. compressor capacity</b>	3,5 m <sup>3</sup> /min
<b>Max. oil adsorption elements</b>	Approx. 4 litres
<b>Inlet connection</b>	1* 1/2" BSP
<b>Outlet connection</b>	1* 1/2" BSP
<b>Test valve</b>	Yes
<b>Housing material</b>	PE
<b>Total recyclable</b>	Yes
<b>Mineral lubricants</b>	Yes
<b>Synthetic lubricants</b>	Yes
<b>Stabile condensate emulsions</b>	Yes ( <i>consult factory</i> )
<b>Poly-glycol</b>	Yes ( <i>consult factory</i> )
<b>Ambient and Media temperature*</b>	1 – 55 °C (34 – 131 °F)

*\*Avoid placing oil/water separators in direct sunlight as this might expose the unit to temperatures that could exceed maximum temperature specifications.*



## DIMENSIONS (mm)

