

Installation- and Maintenance Manual

SEPREMIUM 2i



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.



CAUTION: NEVER CHANGE ORIGINAL COMPONENTS WITH ALTERNATIVES

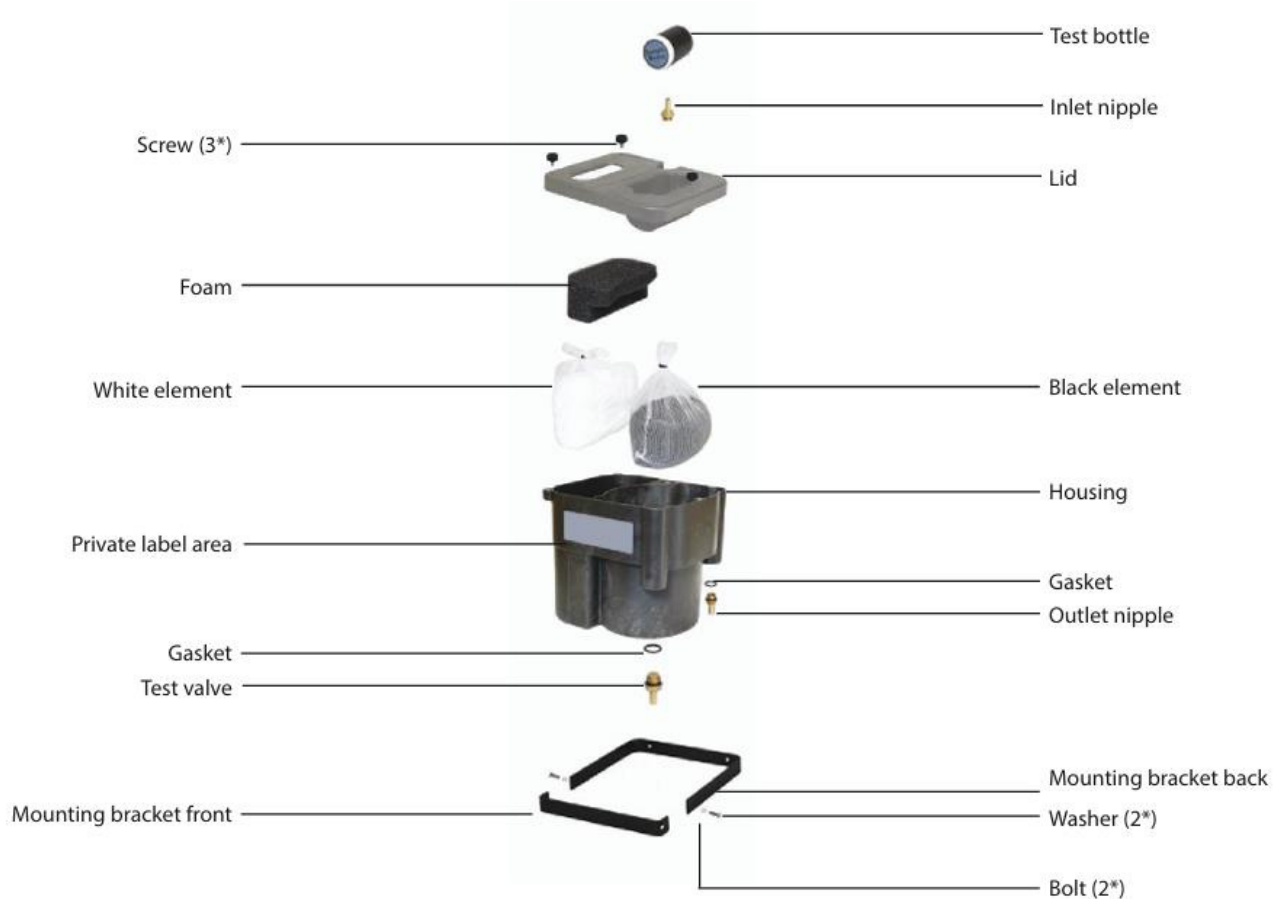
Installation Instructions

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

1. Unpack the unit and visually inspect for any transport damage incurred after leaving our factory.
2. Depressurise the system before installation or maintenance is carried out!
3. Locate a suitable point in your compressor room to place your Condensate Cleaner. This point must be near a suitable sewage point. The unit is designed to easily fit against a wall or structure:
4. Screw the inlet nipple with rubber O-ring into its marked location using a 22 mm wrench. Do not over tighten!
5. Mount the Mounting bracket (back) against a wall or other suitable structure: Make sure the bracket is level.
6. After placing the Mounting bracket (back) you can place the front bracket and screws, using an 8 mm wrench.
Do not tighten the screws. Make sure the front part of the bracket can be adjusted to fit the Condensate Cleaner.
7. Place the Condensate Cleaner and fix the bracket by tightening the screws.
8. Connect the condensate collection pipe to the inlet.
9. Connect the outlet from the Condensate Cleaner to a suitable sewage point.
Make sure the condensate always flows down!
10. Fill the Condensate Cleaner with water until it is filled, and water flows out of the outlet point.
11. Your Condensate Cleaner is ready for operation!
Note: when using timer drains, we advise to use valves with a max. orifice of 4,5 mm and program Short pulses on frequent intervals.

Tip: 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.

List of components



TEST BOTTLE INSTRUCTIONS

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

How to perform the check:

- a. Turn your Sample 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 sample bottle with a cloth and screw the lid back on the Sample Bottle.
7. Clean and dry the sample bottle with a cloth and screw the lid back on the Sample Bottle.

1.



2.



3.



4(a).



4(b).



5.



6.



7.



TECHNICAL DATA

	Sepremium 2i
Max. oil absorption of the elements	approx. 1.5 liters
Filter element	1
Carbon element	1
max. compressor capacity (based on an 8-hour shift)	2m ³ /min,
Inlet connection	1/2" BSP
Outlet connection	1/2" BSP
Test procedure	yes
Housing material	PPC
Housing color	black
Lid color	beige
Sample bottles included	yes
Target value for residual oil content (design-based)	< 5 ppm
Mineral lubricants	yes
Synthetic lubricants	yes
Stable condensate emulsions	yes
Polyglycol	yes, please contact pure!
Hose connections for inlet and outlet	included
Product weight (empty, incl. bracket)	5 kg
Product weight (filled with water, incl. bracket)	11 kg

Maintenance instructions

1. Unpack the elements and visually inspect for any transport damage incurred after leaving our factory.
2. Depressurise the system before installation or maintenance is carried out!
3. Remove the lid by unscrewing the three lid fixating screws, also remove the depressurising foam.
4. Pull up the saturated white element out of the housing and let the water drip out.
5. After most of the water has dripped out of the element, lift the saturated element out of the housing and place it in the plastic bag included in the box.
6. Pull up the saturated black element out of the housing and let the water drip out..
7. After most of the water has dripped out of the element, lift the saturated element out of the housing and place it in the plastic bag included in the box.
8. Empty and clean the housing of any remaining condensate residue.
9. Insert the new white element in the housing (tower 1). Place the element on its side with the tie-wrap facing sideways. Push the element all the way down. Note: tower 1 is the tower with inlet connection.
10. Insert the new black element in the housing (tower 2). Push the element all the way down.
Note: tower 2 is the tower with outlet connection.
11. Replace the foam and lid and tighten the three lid fixating screws.
Fill the unit with water from tower 1 until both towers are filled and water flows out of the outlet point.

Your condensate cleaner is ready for operation.

Tip: check unit daily for the first week to ensure your separator is operating successfully.

Tip: we suggest replacing both elements simultaneously!