

SEPREMIUM®

Compressed air condensate separation

The SEPREMIUM range of oil/water separators separates oil from condensate, generated by compressed air systems. The SEPREMIUM achieves efficient separation of oil from condensate by means of directing the condensate through various separation stages.

Principle workings of the SEPREMIUM

As condensate flows in to the SEPREMIUM, the oil is filtered out through various filtration elements.

The first oil adsorbing element has a clever saturation indicating feature, offering you a visual indication of the elements' saturation level.

Final separation stages include a second polypropylene element and specially selected activated carbon to polish out the remaining contaminants.

The elements are designed to combine various types of adsorption technologies to achieve less than 10 ppm oil residue values at the output stage.



COMMERCIAL BENEFITS

- Operates with all JORC type drains (both timer controlled and level sensed).
- Six models covering up to 60m³/min compressor capacity offering sizing flexibility.
- Customer specific finishing options available.
- Small foot print.
- Separates virtually all types of compressor lubricants.

TECHNICAL ADVANTAGES

- A visual element life indication feature.
- Light and easy replacement of elements.
- Sectional service draining options during servicing.
- Multiple condensate inlets with brass inserts for hard piping installations.
- Large 1" output capacity.
- Simple installation and maintenance procedures.
- Sample bottle and test drain for output testing/measuring the ppm value (indication).

PREMIUM SEPARATION TECHNOLOGY

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SPECIFICATIONS

MODELS	5	10	20	30	60
Target output value	<10 ppm	<10 ppm	<10 ppm	<10 ppm	<10 ppm
Maximum oil adsorption (litres)	5	10	15	25	50
Inlet connections	1/2" (2)	1/2" (2)	1/2" (2)	1/2" (2)	1/2" (2)
Outlet connection	1"	1"	1"	1"	1"
Test valve	yes	yes	yes	yes	yes
Service drain	no	yes	yes	yes	yes
Overflow indicator	yes	yes	yes	yes	yes
Housing material	PE	PE	PE	PE	PE
Total recyclable	yes	yes	yes	yes	yes
Housing colour	Black	Black	Black	Black	Black
Lid colour	Dark grey	Dark grey	Dark grey	Dark grey	Dark grey
Max. compressor capacity (m ³ /min)	5	10	20	30	60

Note: the SEPREMIUM 2 is not mentioned on this leaflet because its features and benefits differ from the larger models, please consult JORC for details.

SEPARATION OF:

Mineral lubricants	yes
Synthetic lubricants	yes
Stabile condensate emulsions*	yes
Polyglycol*	yes

* Consult factory

ADDITIONAL FEATURES

All SEPREMIUM models can accept condensate discharge from efficient intelligent drains, cost effective timer drains, float drains and manual drains.

Consult JORC for:

- Larger compressor capacities.
- Special element solutions.
- Element selection condensate test kit
- Private labelling.

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JORC Industrial BV Tel +31 45 524 24 27
 Pretoriastraat 28
 NL-6413 NN Heerlen www.jorc.eu
 The Netherlands info@jorc.nl