

Compressed air condensat separation

Series PREMIUM PLUS

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

Principle workings of the PREMIUM PLUS

As condensate flows in to the PREMIUM PLUS, 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

- ✓ Separates virtually all types of compressor lubricants. Operates with all pure! 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.

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).

Additional Features

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

Consult pure! for:

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



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	20	30	60
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	gray	gray	gray	gray	gray
Max. compressor capacity (m ³ /min)	5	10	20	30	60

Note: The PREMIUM PLUS 2 is not mentioned on this leaflet because its features and benefits differ from the larger models, please consult pure! for details.

Separation Of

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

* Consult pure!

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