

# PURO<sup>®</sup>-CT

## Compressed air condensate separation

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

### Principle workings of the PURO-CT

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

The PURO-CT uses adsorption filter materials, instead of a weir, to remove the bulk of the oil.

The life of the PURO-CT first stage filtration element is determined by the amount of oil removed, not by the amount of condensate treated.

The PURO-CT carbon element is utilised only for final purification purposes and ensures that the targeted values of <10 ppm are achieved.

The professional design of the PURO-CT is incredibly compact and the elements are lightweight, maximising the ergonomic factors when carrying out routine maintenance.



**Compact  
Technology!**

### COMMERCIAL BENEFITS

- Operates with all JORC type condensate drains (both timer controlled and level sensed).
- Three models covering up to 15m<sup>3</sup>/min compressor capacity offering sizing flexibility.
- Private labelling is possible including different coloured lids.
- Freight cost advantages, even the largest model can be sent as a parcel shipment.

### TECHNICAL ADVANTAGES

- Small foot print.
- Light and easy replacement of elements.
- Simple installation and maintenance procedures.
- Sample bottle and test drain for output testing/measuring the ppm value (indication).
- Overflow safety indicator.
- All JORC type drains can be used in combination with the PURO-CT.

**COMPACT SEPARATION TECHNOLOGY**

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### SPECIFICATIONS

MODELS	CT 3	CT 7	CT 15
Target oil output value	<10 ppm	<10 ppm	<10 ppm
Maximum oil adsorption (Litres)	3	7	15
Inlet connections (Brass)	1/2"	1/2"	1/2"
Outlet connection (Brass)	1/2"	1/2"	1/2"
Test valve (Brass)	Yes	Yes	Yes
Overflow indicator	Yes	Yes	Yes
Housing material	PPC	PPC	PPC
Total recyclable	Yes	Yes	Yes
Housing colour	Grey	Grey	Grey
Standard lid colour	Black	Black	Black

The inlet and outlet hose pipe connectors are included.

### SEPARATION OF:

Mineral lubricants	Yes	Yes	Yes
Synthetic lubricants	Yes	Yes	Yes

Stabile condensate emulsions* Polyglycol*	Special elements required, please consult factory.
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### CAPACITY CHART

Max. compressor capacity (m <sup>3</sup> /min)	3	7	15
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### ADDITIONAL FEATURES

All PURO-CT models can accept condensate discharge from efficient Intelligent drains, cost effective timer drains, float drains and manual drains.

<b>Consult JORC for:</b>	*	Larger compressor capacities.
	*	Special element solutions.
	•	Element selection condensate test kit
	•	Private labelling.

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