

Installation and Operating Instructions

Model RBS50/4/R/B

Description Boxed breathing air filter set complete with regulator and four-user manifold

The unit is designed to remove water vapour, oil vapour and oil odour from a compressed air supply rendering the air suitable for breathing purposes, where the oil inlet load does not exceed 20ppmw. The filter set is not designed to remove or monitor carbon dioxide or carbon monoxide from the compressed air supply. A CO₂ monitor and low pressure alarm may be added as optional extras.

Installation and Operation

Connect a ¼” BSPM fitting that is compatible with the breathing air supply piping to the inlet of the box. Connect air supply and regulate the pressure to desired level. Attach breathing masks and check operation. Lock regulator setting. During operation ensure that the filter bowl sumps are drained of collected moisture and oil.

Maintenance

Replace coalescing prefilter and adsorber afterfilter elements bi-annually or when operator tastes oil.

Spare Parts List

RF50-6C Coalescing Prefilter	
RFH50	Filter head
RFB50	Filter bowl
EBD12	Drain, manual
6C10-063	Replacement filter element
CB6-100	Centrebolt
RN4-6	Element end cap
RF50-AU Adsorber Afterfilter	
RFH50	Filter head
RFB50	Filter bowl
EBD12	Drain, manual
AU10-063	Replacement filter element
CB6-100	Centrebolt
RN4-6	Element end cap
R18 Regulator	
Relieving Diaphragm	RRP96-656
0-10 Bar pressure gauge	RRP96-669
Valve assembly	RRP96-658
Adjusting knob	RRP16-340-000
Regulating Spring	RRP96-661