

3 Stage Filter

Technical Specification



Technical description

The 3 stage Pre-filter/Coalescent filter/Carbon filter unit will provide:

- + Ultra clean compressed air.
- + Supplies 660 litres/minute (23.4cfm) enough for two sets of air fed safety equipment
- + Complies with both ISO 8573-1 Quality class 1.7.1 and BS4275 (1974)
- + ½" BSP female connectors
- + Suitable for Temperatures +1.5°C to 50°C
- + Fitted with polycarbonate bowls
- + Semi-automatic drains stage 1 & 2. When the pressure is shut off the filters will drain. (dispose of exhausted fluid in a waste oil container)
- + Enclosed in a high density polyethylene case complete with carry handle
- + Unit weight approximately 5Kg

Stage 1 Primary pre-filter (5 micron)

Pre-filter, removes the larger particles and bulk emulsified water, giving essential and long life protection to 2nd and 3rd filters. (For optimum filter life a 75-micron filter should be fitted to the compressor)

Stage 2 Coalescent filter (0.01 micron)

Coalescent filter ultra high efficiency, removes secondary oil and water, giving a remaining oil content of 0.01ppm (typical) after oil removal element.

Fitted with an inline pressure gauge, indicating the output pressure from this filter.

Stage 3 Carbon filter (0.001 micron)

Carbon filter, removes the odour from the compressed air. Also the remaining oil content 0.005 ppm after the activated carbon element @21°C.

The Carbon filter element changes colour from white to red when contaminated. This indicates that replacement is immediately necessary.

Important information

1. These filters will not remove carbon monoxide or other toxic gases.
2. Always consult the relative standards and requirements for air quality
3. Please monitor and maintain a protective program in accordance with the statutory regulations