

## Filter Panels

These panels, although primarily for breathing air purification, can be used for various gas filtration requirements. The high pressure filter housings are certified and documented in accordance with current pressure vessel regulations to a maximum working pressure of 350 bar (5250 psi) and 420 bar (6200 psi).

The assembly is mounted on a sturdy wall panel and piped ready for connection with a pressure maintaining and non-return valve. If required, the inlet can be secured with a pressure relief valve. These panels are the preferred choice for filtration remote from the compressor and are ideal for multiple compressor installations especially when using a central refrigeration dryer, or for upgrading an outdated filter system.

The filter housings are available in three sizes, 1.7, 2.3, 10 litre volume and in single, double or triple combinations. Cartridges are available for breathing air, breathing air with additional CO/CO<sub>2</sub> removal, drying, active charcoal, natural gas drying, and more.

### Specifications

- >> Nickel plated steel filter housing(s) with 1 drain tap on each panel
- >> Steel frame and housing, powder coated in RAL 6026
- >> Pressure maintaining and non-return valve, Connection G 1/4"
- >> Inlet G 1/4"

### Options

- >> Safety valve
- >> Puracon filter monitoring see page 47
- >> Filter cartridges



**Filter Panel 1 x 10 ltr.**  
without Pressure maintaining valve



**Filter Panel 2 x 2.3 ltr.**  
incl. Pressure maintaining valve

## Technical Data

Filter panel	Capacity breathing air at +20°C [m³]	W x H x D [mm]	Weight [kg]	Max WP [bar]
1 x 1.7 litre	900	270 x 570 x 180	27	350
2 x 1.7 litre	1800	430 x 570 x 180	44	350
3 x 1.7 litre	2700	560 x 570 x 180	61	350
1 x 2.3 litre	1200	270 x 815 x 180	32	350
2 x 2.3 litre	2400	430 x 815 x 180	54	350
3 x 2.3 litre	3600	560 x 815 x 180	76	350
1 x 2.3 litre	1200	270 x 815 x 180	38	420
2 x 2.3 litre	2400	430 x 815 x 180	67	420
3 x 2.3 litre	3600	560 x 815 x 180	95	420
1 x 10 litre	8400	1116 x 320 x 460	165	350
1 x 10 litre + 1 x 2.3 litre	9600	1116 x 320 x 720	180	350
2 x 10 litre	16800	1116 x 320 x 700	265	350
2 x 10 litre + 1 x 2.3 litre	18000	1116 x 320 x 1000	315	350