porvair filtration group

Compfil™ AH

High Performance Industrial Filter Housing

Compfil™ AH standard filter housings are designed for the purification of compressed air and gases in an industrial operation. This product series offers housings ranging from a volume flow of 20 m³/h to 2880 m³/h (related to 1 bar and 20°C). The housings are designed to offer low differential pressures at high flow rates

The filter housing also includes an energy cost monitor, which indicates the most efficient time to replace the filter to achieve optimum performance and maximum filter life. Optionally, a transmitter can be fitted to indicate this remotely.

Features and Benefits

- **Three-part and optimized filter housing**
  Push and turn technology ensures easy exchange of the filter elements, whilst the optimized housing guarantees minimal pressure loss due to improved flow technology.
- **Modular concept**
  Robust flange connection enables secure and simple combination of filter housings with one sealing surface.
- **High filtration efficiency and longer life**
  Ultra air high performance filters provide better efficiency, and thanks to epoxy resin coating, a longer life. The energy cost monitor shows the best time to change the filter, which has a 10 year working guarantee.
- **Optimised design**
  Easy and safe connection of filter housings and flexible wall mounting with robust wall brackets. The conical design and smooth lower filter zone ensures no condensate is transferred.
- **Acoustic alarm signal**
  Provides maximum safety for element maintenance.
- **Float drain**
  Integral float helps prevent blockages, for reduced maintenance.

Ordering Information

For ordering information please contact a member of the sales team.

Materials of Manufacture

Material housing:	Aluminium
Surface finish:	Epoxy resin
Sealing:	Perbunan®
Screw locking ring:	Aluminium
Energy cost monitor:	Plastic

Maxiumum Operating Pressure

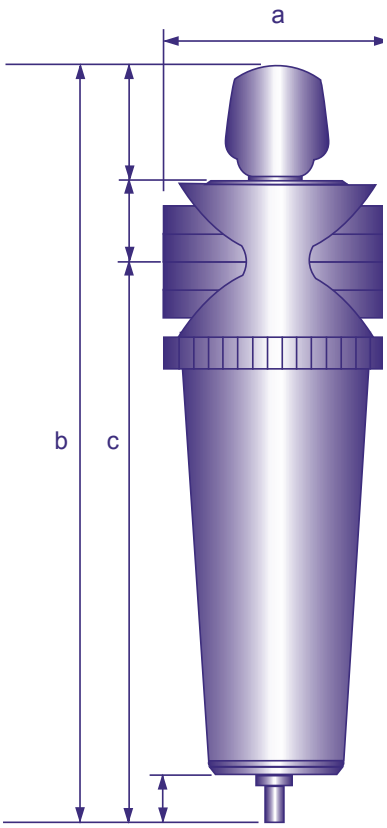
6bar (232psi)

Operating Temperature

120°C (48°F)

Dimensions

Type	Volume flow		G/DN	Dimensions mm (in)			Filter element	
	Nom. m³/h (ft³/h)	Max. m³/h (ft³/h)		a	b	c	Size	Qty.
0002	20 (706)	40 (1,413)	G 1/4	95 (3.74)	289 (11.38)	211 (8.3)	02/05	1
0004	40 (1,413)	60 (2,119)	G 3/8	95 (3.74)	289 (11.38)	211 (8.3)	03/05	1
0006	60 (2,119)	90 (3,178)	G 3/8	95 (3.74)	289 (11.38)	211 (8.3)	03/10	1
0009	90 (3,178)	120 (4,238)	G 1/2	95 (3.74)	317 (12.47	239 (9.4)	04/10	1
0012	120 (4,238)	180 (6,357)	G 1/2	125 (4.92)	369 (14.5)	277 (10.9)	04/20	1
0018	180 (6,357)	270 (9,535)	G 3/4	125 (4.92)	369 (14.5)	277 (10.9)	05/20	1
0027	270 (9,535)	360 (12,713)	G 1	125 (4.92)	369 (14.5)	277 (10.9)	05/25	1
0036	360 (12,713)	480 (16,951)	G 1 1/4	125 (4.92)	427 (16.8)	335 (13.2)	07/25	1
0048	480 (16,951)	720 (25,427)	G 1 1/2	175 (6.89)	509 (20)	401 (15.8)	07/30	1
0072	720 (25,427)	1,080 (38,140)	G2	175 (6.89)	509 (20)	401 (15.8)	10/30	1
0108	1,080 (38,140)	1,440 (50,853)	G2	175 (6.89)	650 (25.6)	401 (15.8)	15/30	1
0144	1,440 (50,853)	1,920 (67,804)	G 2 1/2	210 (8.27)	811 (31.9)	690 (27.2)	20/30	1
0192	1,920 (67,804)	2,880 (101,706)	G3	210 (8.27)	1,061 (41.8)	940 (37)	30/30	1
0288	2,880 (101,706)	4,320 (152,559)	G3	210 (8.27)	1,068 (42)	940 (37)	30/50	1



Contact Information:

UK, New Milton Division
Tel: +44 (0)1425 612010
info@porvairfiltration.com

US, Ashland Division
Tel: +1 804 550 1600
infoUS@porvairfiltration.com

India, Mumbai Division
Tel: +91 22 2081 1148
infoIN@porvairfiltration.com