

## 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 m<sup>3</sup>/h to 2880 m<sup>3</sup>/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

**Maximum Operating Pressure**

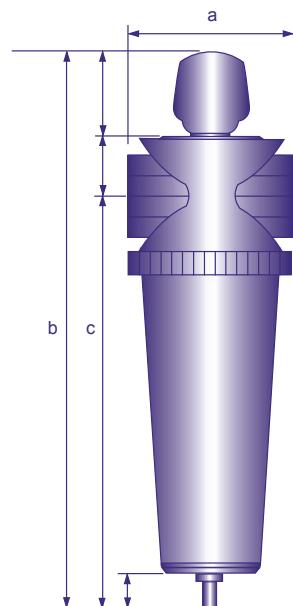
6bar (232psi)

**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



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