

GEOFILTER GFH AND GFH PLUS



ORDERING TABLE

Art. No.	Description
15-531	GeoFilter GFH-6
15-532	GeoFilter GFH-9
15-533	GeoFilter GFH-12
15-534	GeoFilter GFH-6 PLUS
15-535	GeoFilter GFH-9 PLUS
15-536	GeoFilter GFH-12 PLUS

FILTERS

Art. No.	Description
15-551	Filter cartridge FT/13 8m ² Ø325 - GFH series ø325x600mm
15-550	Filter cartridge FT/13 16m ² Ø325 mm - GFH PLUS series ø325x1200mm

DESCRIPTION

The GFH filter is an efficient solution for dust and smoke filtration. The filter has an air flow capacity of up to 15,000 m³/h and more units can be installed in parallel to expand its capacity.

The filter is delivered with a cleaning system, using shots of compressed air to clean the filter cartridges from excessive dust and other particles.

As standard, it comes with an filter control unit (timer based as standard, differential pressure upon request) and an easy to move collection bucket.

APPLICATIONS

Application	15-551	15-550
Dry welding smoke	X	X
Oil saturated welding smoke	P*	P*
Foundry	X	X
Grinding	X	X
Chalk	X	X
Cement	X	X

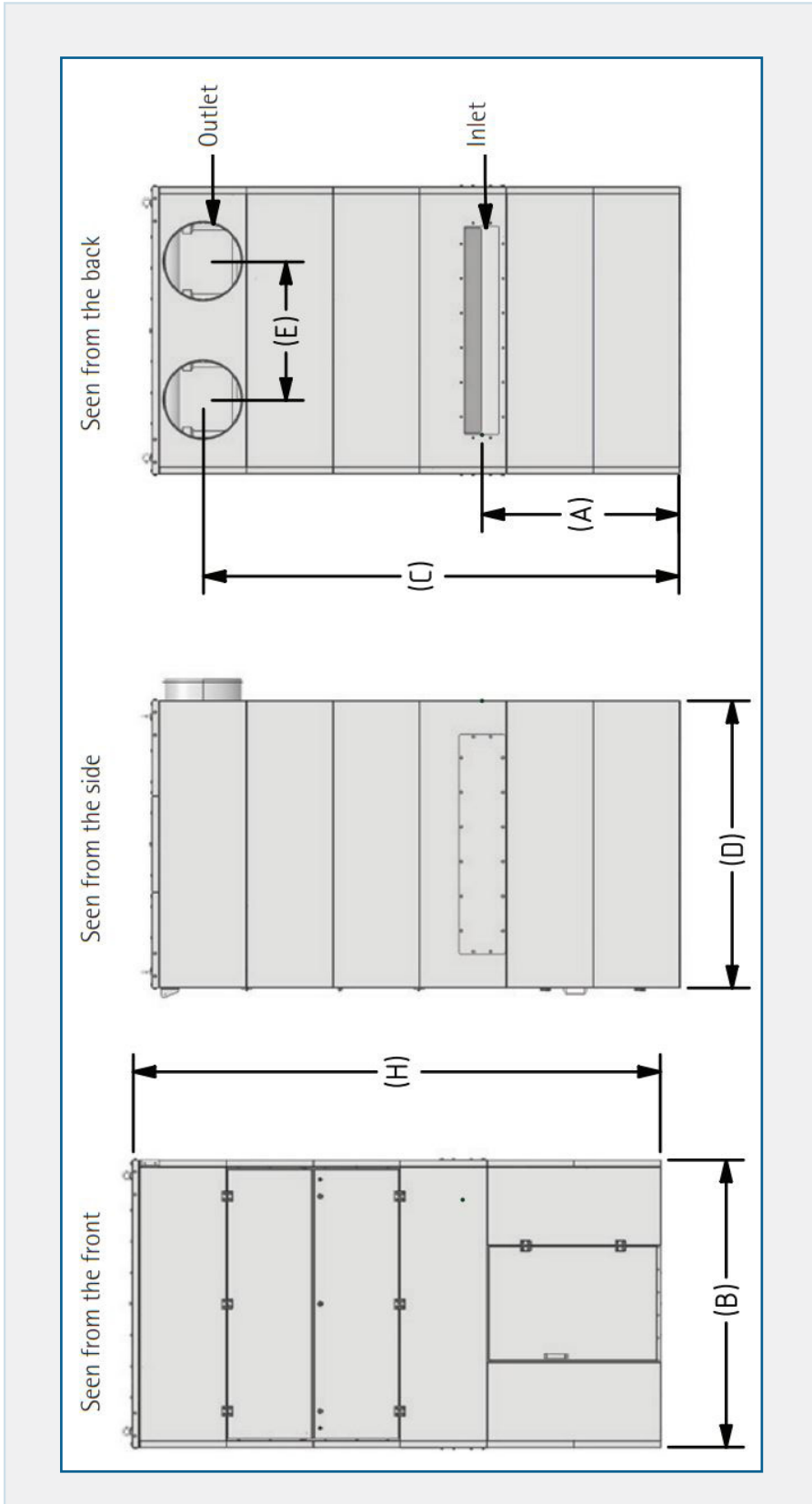
ACCESSORIES

Art. No.	Description
92-214	Timer control GFH is mounted from the factory as standard.
92-214B	Differential pressure control GFH.
15-490	Water separator for GFH filter with regulator, manometer and mounting bracket.



Advanced control of the filter for maximum performance.

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DIMENSIONS

Model/ Dimension	A	B	C	D	E	H	Inlet	Outlet	Air Flow	Filtration surface	Filter size	Weight
GFH-6	1140	850	2245	1660	*	2540	1200x200	1 x \varnothing 450	3.360 m ³ /h	48 m ²	325x600	
GFH-9	1140	1210	2245	1660	600	2540	1200x200	2 x \varnothing 450	5.040 m ³ /h	72 m ²	325x600	
GFH-12	1140	1660	2245	1660	800	2540	1200x200	2 x \varnothing 450	6.720 m ³ /h	96 m ²	325x600	
GFH-6 PLUS	1140	850	2750	1660	*	3045	1200x200	1 x \varnothing 450	7.500 m ³ /h	94 m ²	325x1200	
GFH-9 PLUS	1140	1210	2750	1660	600	3045	1200x200	2 x \varnothing 450	11.200 m ³ /h	140 m ²	325x1200	550 kg
GFH-12 PLUS	1140	1660	2750	1660	800	3045	1200x200	2 x \varnothing 450	15.000 m ³ /h	190 m ²	325x1200	640 kg

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

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Model	GFH-6	GFH-9	GFH-12	GFH-6 PLUS	GFH-9 PLUS	GFH-12 PLUS
Number of filter cartridges	6	9	12	6	9	12
Filter type	FT/13	FT/13	FT/13	FT/13	FT/13	FT/13
Filter area [m ²]	48	72	96	94	140	190
Number of shot valves	2	3	4	2	3	4
Max Airflow [m ³ /h]	3.360	5.040	6.720	7.500	11.200	15.000
Air tank [liter]	9L	13L	17L	9L	13L	17L
Filter control w. display, Protection class	IP65	IP65	IP65	IP65	IP65	IP65
Inlet/outlet, sealing class	Class C	Class C	Class C	Class C	Class C	Class C
Collection bucket [liter]	120	120	120	120	120	120
Galvanized cabinet, Corrosion class	III	III	III	III	III	III
Item number	15-531	15-532	15-533	15-534	15-535	15-536

Pressurised air	Air usage	Power supply	Temperature
3 - 6 bar clean and dry air	3,0 l/min pr. valve	24VDC or 230 VAC	-12° - +65° C

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