

## ATEX

# GFX2 filter

Geovent GFX2 filter is a complete ATEX-filter for effective cleaning of air from industrial applications.

GFX2 filters the extracted air up to 99.97%.

The filter cartridges are cleaned automatically by using shot valves with by compressed air. As standard the filter is delivered with a timer control. Optionally it can be delivered with a pressure control unit.

The filter applies to a wide range of applications primarily in industry, which develops explosive dust.

The filter can handle airflows up to 7200 m<sup>3</sup>/h. At higher airflows filters can be connected in parallel.

The filter is supplied complete with ATEX control, explosion membrane, spark proof filter cartridges, ATEX shot valves, full ATEX documentation and a collection bucket. Geo Filter GFX2 is made of galvanized steel.

We do not recommend outdoor installation because of the risk of condensation.

Explosion membrane KST value is as standard 250. NB: Both KST & P Max must be specified.

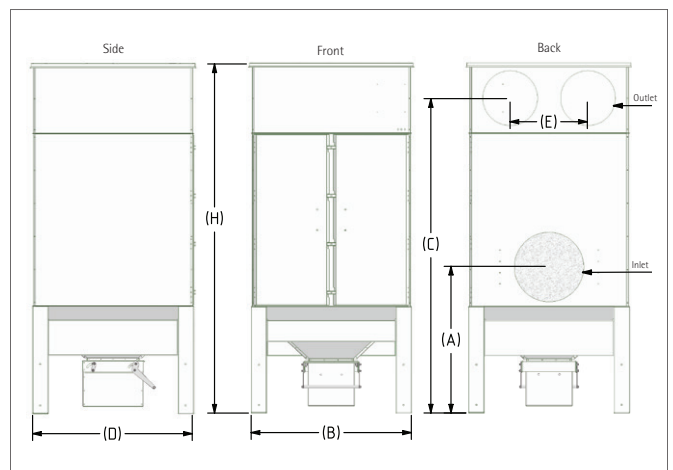
**GFX2 filter is also available in a special version for gas applications.**

Geovent GFX2 filter approved for Category 1, 2 and 3, which means that it can be used for dust applications such as aluminum, magnesium, and flour etc. in zones 20, 21 or 22.



GFX2 filter

### Dimensions for standard model D0



### Ordering table

Art no.	Model	Dimension (mm)						Inlet	Outlet	Weight kg.	Max. Air flow
		A	B	C	D	E	H				
16-450	GFX2 3-1	810	935	1830	635	-	2035	ø315np	1x315np	135	1800 m <sup>3</sup> /h
16-451	GFX2 6-2	810	935	1830	635	-	2035	ø315np	1x315np	135	3600 m <sup>3</sup> /h
16-452	GFX2 9-3	855	935	1830	935	450	2035	ø400np	2x315np	180	5400 m <sup>3</sup> /h
16-453	GFX2 12-4	900	1230	1830	935	373	2035	ø500np	3x315np	225	7200 m <sup>3</sup> /h

**Filter media**

Filter cartridges come in a wide variety of pleated fabric dependent on what your need is.

As standard the GFX2 filters with filter cartridge FT/11 ALUTEX for spices, sawdust, flour and more.



GeoFilter GFX2

The explosion membrane can be placed indifferent positions on the filter. Please consult us for further details.

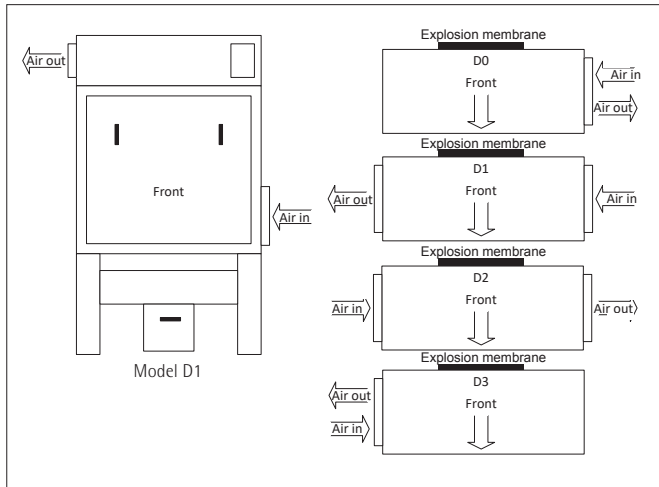
Art. No.	Description
15-480AFL	FT/11 - 99,9% v/0,3µm ALUTEX (All-Round)

15-479FL	Pre-coat - ensures longer service life. Pr. kg. (App. 50 g. pr. cartridge)
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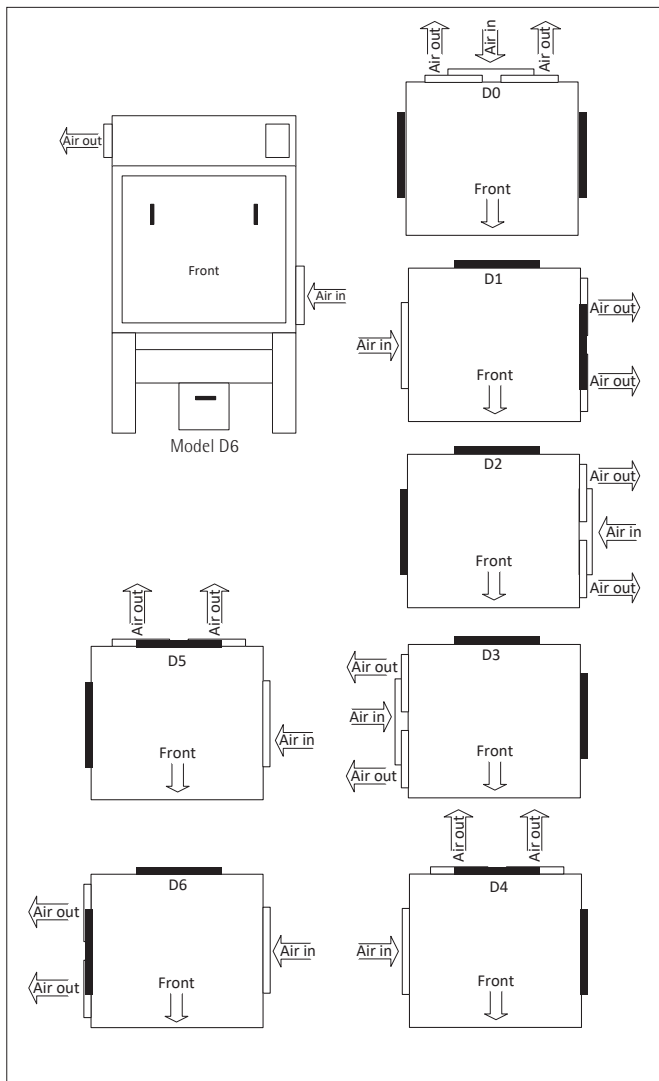


As standard the filter is delivered with a timer control. Optionally it can be delivered with a pressure control unit.

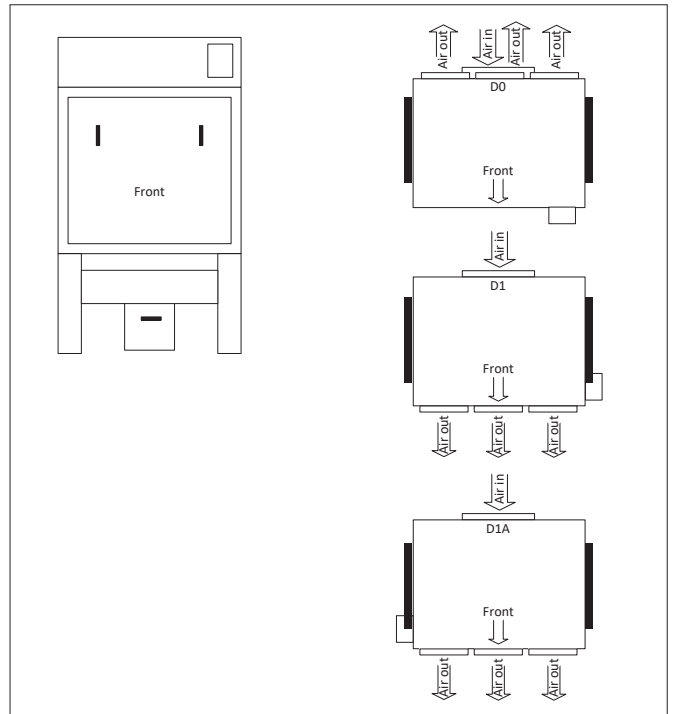
Air flow direction



GeoFilter GFX2 3-1 + 6-2



GeoFilter GFX2 9-3



GeoFilter GFX2 12-4

The GeoFilter GFX2 3-1, 6-2, 9-3 and 12-4 is as standard delivered as D0.

We can delivery customized solutions which are named D1, D2 etc.. See the drawings on this page.

**Note, that in this case some of the dimensions of the filter may differ from the standard.**