

## UF filter range

Technical catalogue: Filters  
 Section: 01  
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The UF range of venting units are a progression from the SIL range, designed for numerous commercial applications, which require increased filtration capacity for high concentrations of duct/powders.

The inlet connection plate accepts a variety of fan sizes enabling the unit to be tailored to exact suction and filtration requirements, delivering reliable intermediate operation.

### Filtration

Manufactured from prime galvanised, formed sheet steel with extracted air is discharged through the heavy duty supapoly dust release breather filters (which have increased air handling and life expectancy over standard filter materials). Filtered air is exhausted through a series of exhaust vents which can be connected to a return air duct enabling the recirculation of filtered air back into the process area, promoting cost savings through energy efficiency by the return of treated air (heating or conditioning)

### Specification

The standard specification of the Ultra Filter Range includes:

- Automatic filter cleaning mechanism
- Optional airtight, mobile steel collection bins
- Explosion relief vent membrane panels to ATEX Classification No. EX II 3D
- Access door(s) and panel(s) for easy servicing
- A non return valve, to stop material travelling back through the duct during the cleaning cycle.



UF

Model	Filters	UFH Filter Area m <sup>2</sup>	UFHx Filter Area m <sup>2</sup>	Collection Bags	Width mm	Depth mm	UFH Height mm	UFHx Height mm	Weight Kg
1	9	12.4	14.9	1	820	820	3,700	4,050	82
2	18	24.8	29.9	2	1,640	820	3,700	4,050	143
3	27	37.2	44.8	3	2,460	820	3,700	4,050	218
4	36	49.6	59.7	4	3,280	820	3,700	4,050	290
5	45	62.0	74.6	5	4,100	820	3,700	4,050	361
6	54	74.4	89.6	6	4,920	820	3,700	4,050	431