

GV8 Compact V

- ➔ Efficiencies of 60% up to 98% (ASHRAE 52.1)
- ➔ High quality micro fibreglass media
- ➔ Lowest initial pressure drop
- ➔ Any airflow direction possible making installation easy
- ➔ Rigid frame
- ➔ Zinc-coated profiles
- ➔ Filter height only 292mm
- ➔ High quality standard due to
- ➔ Quality assurance system
- ➔ High burst pressure (> 2000 Pa.)
- ➔ Highly economical through high final pressure drop
- ➔ Finedust filter tested according to EN 779 (Based on ASHRAE 52.1)



The GV8 compact prefilter is designed and tested to extract particles out of the air. Each GV8 compact filter contains eight (8) Minipleat-Media Packs pleated in one piece and assembled in V-shape technology to achieve lowest pressure drop results.

Design

The side covers are made from rigid polyurethane forming in combination with zinc coated profiles on the top and the bottom.

This design provides maximum space for the filter media pack and obtains an extremely high mechanical strength. The fibreglass media pleated in "minipleat shape" forms one continuous media and is cast in V-shape technology directly into the frame-sealant material.

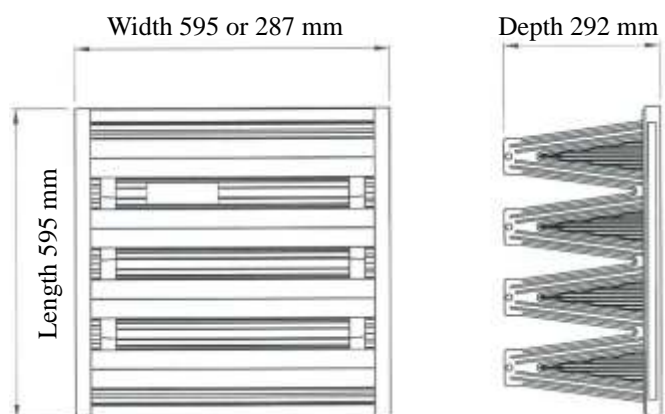
This design also provides an absolutely tight media-frame connection in correlation to a highly active filter surface with a minimal pressure drop. The filters are supplied with a flat flange for a secure seal between the filter and each standard finedust holding frame.

The finedust filters are tested in accordance with the European standard EN 779 (Particulate air filters for general ventilation). This standard is based on ASHRAE 52.1'.

Gravimetric and Dust-Spot Procedures for Testing Air Cleaning Devices Used in General Ventilation for Removing Particulate Matter 1992.

Applicable standards:

EN 779
ASHRAE 52.1
ISO 9001-2000



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Technical data:

Part no.	Model no.	efficiency %	Mounting frame size (mm)	Actual size	Airflow l/s	Resistance Pa.		Media area m ²
			W x H x D	(mm) W x H x D		initial	final	
6-0112	GV8-09-66	F9	610 x 610 x 50	595 x 595 x 290	1252	134	450	20.4
6-0114	GV8-09-63	F9	610 x 305 x 50	595 x 287 x 290	627	155	450	8.8
6-0108	GV8-08-66	F8	610 x 610 x 50	595 x 595 x 290	1252	123	450	20.4
6-0110	GV8-08-63	F8	610 x 305 x 50	595 x 287 x 290	627	145	450	8.8
6-0104	GV8-07-66	F7	610 x 610 x 50	595 x 595 x 290	1252	112	450	19.8
6-0106	GV8-07-63	F7	610 x 305 x 50	595 x 287 x 290	627	137	450	8.5
6-0100	GV8-06-66	F6	610 x 610 x 50	595 x 595 x 290	1252	98	450	18.7
6-0102	GV8-06-63	F6	610 x 305 x 50	595 x 287 x 290	627	122	450	8.1