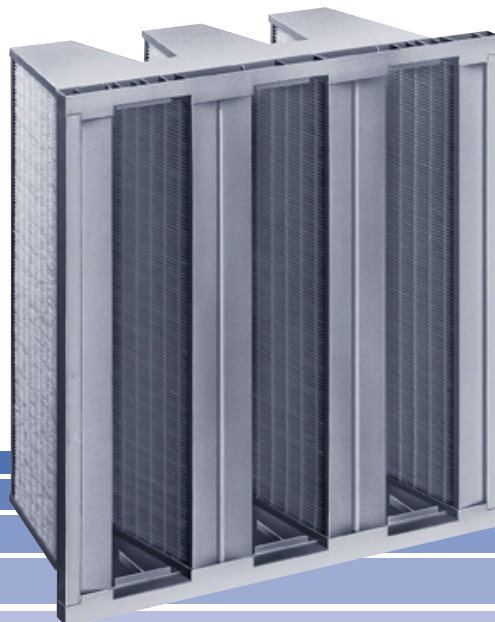


Technical Data Minipleat Fine Dust Filter Inserts



TROX[®] **TECHNIK**

Fine dust filter inserts are used as prefilters or main filters in ventilation and air conditioning systems which require high volume flows and extended filter life. They consist of a rigid framework structure and a high quality filter media of cellulose or glass fibre paper.

The filter media is folded into closely-spaced shallow pleats, with textile threads to provide a uniform spacing of the pleats giving an optimum pleating geometry.

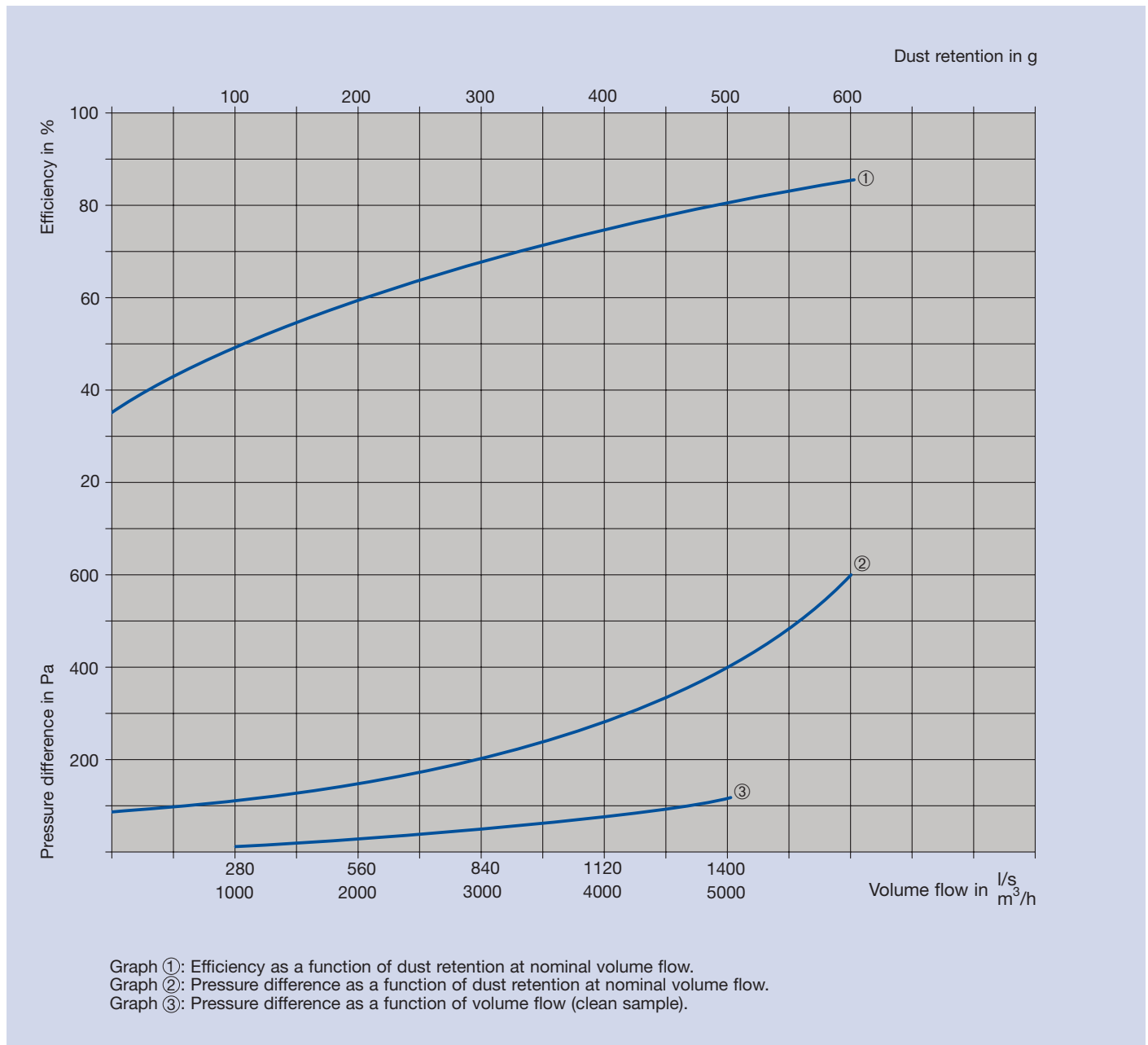
Fine dust filter inserts are tested to EN 779 (Particulate air filters for general ventilation and air conditioning purposes). The DIN test and control mark and design number guarantee consistent high product quality.

The filter data given are average values determined after taking into account production tolerances.

Fine Dust Filter Type		F 756
Filter class to EN 779 ¹⁾		F6
Average atmospheric dust spot efficiency	approx. in %	65
Dimensions W x H x D ²⁾	in mm	592 x 592 x 292
Filter area approx.	in m ²	18
Nominal volume flow	in l/s in m ³ /h	1180-1400 4250-5000
Initial pressure difference at nominal volume flow	in Pa	90-120
Temperature resistance	in °C	up to +80

¹⁾ EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).

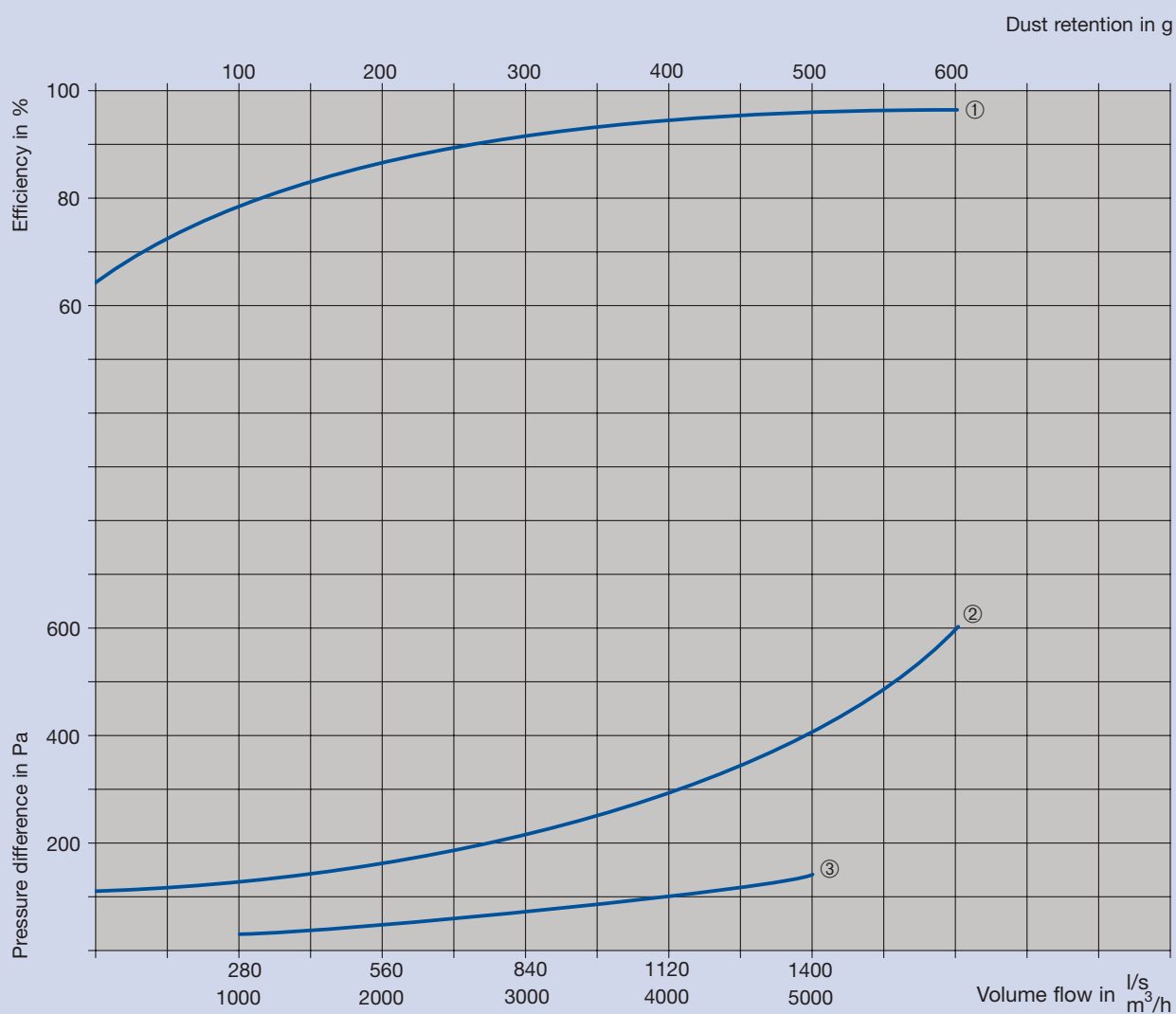
²⁾ Filter inserts are available in all standard header dimensions (see leaflet F7/4.1/EN/).



Fine Dust Filter Type		F 757
Filter class to EN 779 ¹⁾		F 7
Average atmospheric dust spot efficiency	approx. in %	85
Dimensions W x H x D ²⁾	in mm	592 x 592 x 292
Filter area approx.	in m ²	18
Nominal volume flow	in l/s	1180-1400
	in m ³ /h	4250-5000
Initial pressure difference at nominal volume flow	in Pa	110-140
Temperature resistance	in °C	up to +80

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).

²⁾Filter inserts are available in all standard header dimensions (see leaflet F7/4.1/EN/.).



Graph ①: Efficiency as a function of dust retention at nominal volume flow.
Graph ②: Pressure difference as a function of dust retention at nominal volume flow.
Graph ③: Pressure difference as a function of volume flow (clean sample).

F759

Fine Dust Filter Type		F 759
Filter class to EN 779 ¹⁾		F9
Average atmospheric dust spot efficiency	approx. in %	95
Dimensions W x H x D ²⁾	in mm	592 x 592 x 292
Filter area approx.	in m ²	18
Nominal volume flow	in l/s	1180-1400
	in m ³ /h	4250-5000
Initial pressure difference at nominal volume flow	in Pa	140-180
Temperature resistance	in °C	up to +80

¹⁾ EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).

²⁾ Filter inserts are available in all standard header dimensions
(see leaflet F7/4.1/EN/).

