



TEXFILT COMPACT FILTER

F 6
EN
779

EU 6
DIN
24 185

F 7
EN
779

EU 7
DIN
24 185

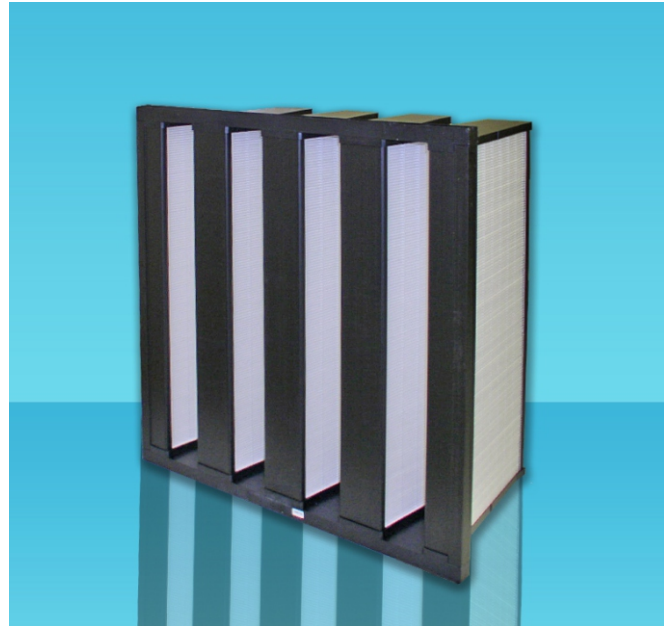
F 8
EN
779

EU 8
DIN
24 185

F 9
EN
779

EU 9
DIN
24 185

- Tested according to EN 779
- High performance fleece
- Extremely stable welded casing
- Big filter area in small required space
- High dust holding capacity
- Long service life



The application

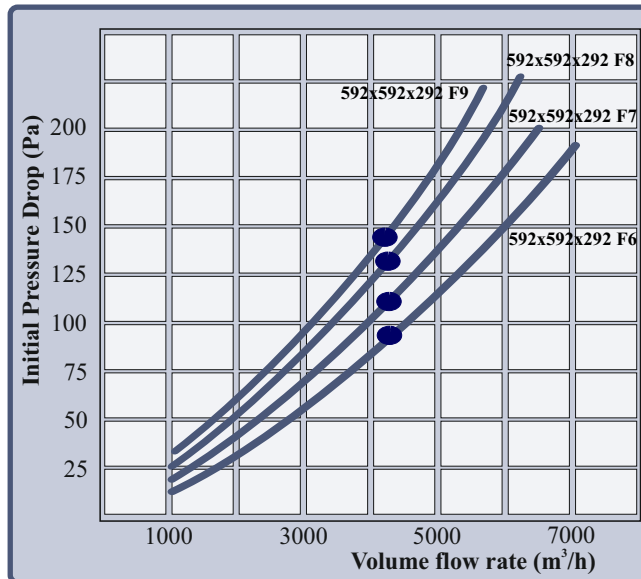
Texfilt Compact filters have been developed for intake, exhaust and recirculated air filtration. They ensure clean, efficiently conditioned air in office buildings, production halls, airports, libraries, museums, laboratories, hospitals, and care facilities, etc. In sensitive applications for the food and beverage industries, pharmaceuticals, chemicals, optics, electronics, and in operating theatres and intensive-care units, etc.

The characteristics

Compact filters are constructed for simple handling at installation. The pleated filter media, cast in a tough plastic frame in a leakproof configuration, are exceptionally sturdy. The entire filter element is non-corroding, and fully incinerable, since it contains no metal parts. The frame consists of halogen-free plastic.

The frame materials and filter media are self-extinguishing in conformity with DIN 53438 (Fire Class F1).

Initial Pressure Drop Curves

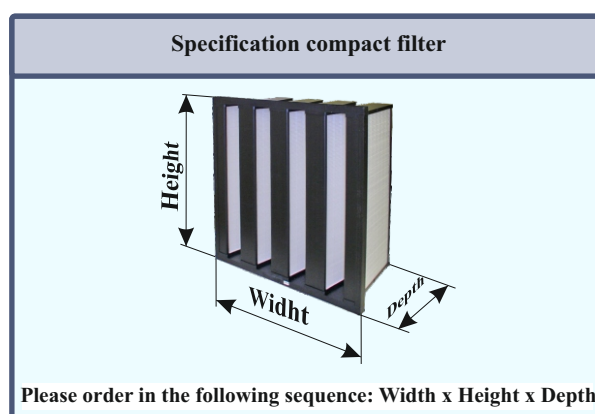


C L E A N A I R W I T H F U L F I L T E R

Technical filter test data in accordance with EN 779

Filter class (EN 779)		F 6	F 7	F 8	F 9
Tested size	mm	592x592x292	592x592x292	592x592x292	592x592x292
Average efficiency E_a (0.4 μm)	%	60-65	80-90	90-95	>95
Volume flow rate	m^3/h	4250	4250	4250	4250
Initial pressure drop	Pa	95	110	130	140
Recommended final pressure drop	Pa	450	450	450	450
Thermal stability/ temporary peaks	$^{\circ}\text{C}$	70/80	70/80	70/80	70/80

Standard sizes for Texfilt Compact filters



Dimensions Width x Height x Depth mm	Filter class	Filter Area m^2	Nominal air flow rate m^3/h	Initial ΔP Pa	Recommended final ΔP Pa
592x592x292	F6	18.0	4250	95	450
490x592x292		14.5	3500	95	450
287x592x292		7.5	2000	95	450
592x592x292	F7	18.0	4250	110	450
490x592x292		14.5	3500	110	450
287x592x292		7.5	2000	110	450
592x592x292	F8	18.0	4250	130	450
490x592x292		14.5	3500	130	450
287x592x292		7.5	2000	130	450
592x592x292	F9	18.0	4250	140	450
490x592x292		14.5	3500	140	450
287x592x292		7.5	2000	140	450

C L E A N A I R W I T H F U L F I L T E R

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