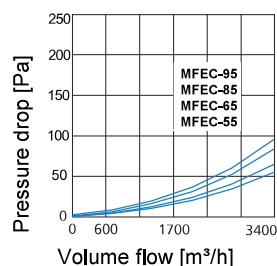




Pressure drop diagram:
Applies for 592 x 592 x 292 mm



Filter Elements MultiForm-Eco MFEC55, MFEC65 and MFEC85

3 V-shape filter design consisting of pleated micro-glass fiber paper

Application:

All applications requiring maximum operating safety and highest standards in air purity; for filtration of fine and superfine dust, bacteria, pollen etc. in HVAC systems and air handling units of all types, as well as a pre-filter for HEPA filters

Special features:

Self-supporting, shape-steady, synthetic design with high mechanical stability; great air volume flow with small installation depth; large filter surface; can be completely incinerated

MultiForm-Eco

is designed for 3400 m³/h and tested for energy consumption.

Areas of application:

Standard climate control facilities and air handling units, photographic, electrical and food product industry, high value assembly rooms and switchgear facilities, and hospitals, pre-filters for clean-room facilities, all three filter classes of **MultiForm Eco** are equipped with a condensate drip tray and handles for easy transport.

Type:

Design without sealing – sealing and handle guard on request



Frame material
ABS

Filter class as of
EN 779:2012
M5, M6 & F7 & F9

For the NEW filter class
as of ISO 16890
refer to table

Filter media
Micro glass fiber paper

Gasket
conform with VDI 6022

Temperature
resistance
< 70 °C

Energy class
A *

* applies only to
certain sizes – see table



Filter Elements: MultiForm-Eco MFEC55, MFEC65, MFEC85 and MFEC95
Filter medium: Micro glass fiber paper

Type	Width [mm]	Height [mm]	Depth [mm]	Filter surface [m ²]	Volume flow [m ³ /h]	Initial pressure drop [Pa]	Energy class certified by the Eurovent 4/21	Filter class as of EN 779:2012	NEW filter class as of ISO 16890
MFEC95-3-F80	592	287	292	6.8	1700	101	A	F9	ISO ePM ₁ 80 %
MFEC95-5-F80	592	490	292	12.5	2800	101			
MFEC95-6-F80	592	592	292	15.3	3400	101			
MFEC85-3-F50	592	287	292	6.8	1700	82	B	F7	ISO ePM ₁ 50 %
MFEC85-5-F50	592	490	292	12.5	2800	82			
MFEC85-6-F50	592	592	292	15.3	3400	82			
MFEC65-3-M50	592	287	292	5.5	1700	59	E	M5	ISO ePM _{2,5} 50 %
MFEC65-5-M50	592	490	292	10.0	2800	59			
MFEC65-6-M50	592	592	292	12.3	3400	59			
MFEC55-3-M50	592	287	292	6.8	1700	60	C	M6	ISO ePM _{2,5} 50 %
MFEC55-5-M50	592	490	292	12.5	2800	60			
MFEC55-6-M50	592	592	292	15.3	3400	60			