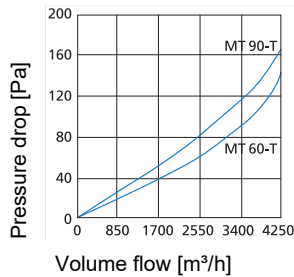




Pressure drop diagram:
Applies to size 610 x 610 x 292



Filter elements MultiTherm MT60 and MT90

consisting of pleated microglass fiber paper.

Application:

Supply and recirculating-air units for filtration of fine and superfine dust (filter classes M6/F8 according to EN 779:2012) at high temperatures.

Special features:

great air volume flow with small installation depth; temperature-resistant up to 250 °C, easy separation of a filter element in paper-like fleece, fine micro-glass fibers from a frame by using brackets, satisfies stipulations pertaining to the absence of silicone.

Areas of application:

Surface technology, drying equipment, automobile industry.

Type:

The head frame for G & F designed is 25 mm thick (EU size).



Frame material
galvanized steel

Filter class as of
EN 779:2012
M6 & F8


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

Medium
Micro glass fiber paper
with aluminium separators

Gasket
temperature-resistant
rope gasket

Temperature
resistance
< 250 °C



 Filter Elements: MultiTherm MT60 and MT90 Medium: Micro glass fiber paper with aluminium separators						
Type	Size W/H/D [mm]	Volume flow differential pressure [m³/h/Pa]	Filter class as of EN 779:2012	NEW filter classes of ISO 16890	Filter surface [m²]	Approx. weight [kg]
Installation depth 40 mm and 55 mm, aluminium-free compact design						
MT60-C-M50	490/490/40	1500/125	M6	ISO ePM_{2,5} 50 %	4.0	1.5
	610/610/55	1800/85			8.0	3.5
MT60-D-M50	915/457/55	2000/85	M6	ISO ePM_{2,5} 50 %	9.0	4.5
	915/610/55	2700/85			12.0	5.5
MT90-C-F60	490/490/40	1500/125	F8	ISO ePM₁ 60 %	4.0	1.5
	610/610/55	1800/110			8.0	3.5
MT90-D-F60	915/457/55	2000/110	F8	ISO ePM₁ 60 %	9.0	4.5
	915/610/55	2700/110			12.0	5.5
Installation depth 78 mm and 292 mm, design with aluminium separators						
MT60-S-M50	610/610/78	1800/90	M6	ISO ePM_{2,5} 50 %	4.0	5.0
	915/457/78	2000/90			4.0	5.0
	915/610/78	2700/90			5.2	6.0
MT60-F-M50	287/592/292	1700/140	M6	ISO ePM_{2,5} 50 %	4.5	4.5
	592/592/292	3400/140			9.0	7.0
MT60-T-M50	305/610/292	2125/140	M6	ISO ePM_{2,5} 50 %	6.0	6.0
	610/610/292	4250/140			12.0	9.5
MT90-S-F60	610/610/78	1800/115	F8	ISO ePM₁ 60 %	4.0	5.0
	915/457/78	2000/115			4.5	5.5
	915/610/78	2700/115			6.0	6.5
MT90-F-F60	287/592/292	1700/165	F8	ISO ePM₁ 60 %	4.5	4.5
	592/592/292	3400/165			9.0	7.0
MT90-T-F60	305/610/292	2125/165	F8	ISO ePM₁ 60 %	6.0	6.0
	610/610/292	4250/165			12.0	9.5
Installation depth 78 mm and 292 mm, design with aluminium separators						
MT60-G-M50	287/592/150	720/120	M6	ISO ePM_{2,5} 50 %	3.2	3.5
	592/592/150	1650/120			6.5	5.0
MT60-H-M50	305/610/150	1060/120	M6	ISO ePM_{2,5} 50 %	3.0	4.5
	610/610/150	2125/120			6.1	6.4
MT90-G-F60	287/592/150	720/160	F8	ISO ePM₁ 60 %	3.2	3.5
	592/592/150	1650/160			6.5	5.0
MT90-H-F60	305/610/150	1060/160	F8	ISO ePM₁ 60 %	3.9	4.7
	610/610/150	2125/160			7.8	6.8