

Application

MULTIFIL GAS TURBINE Filters remove airborne particulate matter from combustion engine intake air, providing full protection from fouling, corrosion and erosion of the turbines key components. MULTIFIL GAS TURBINE Filters are most suitable for gas turbines, diesel engines, compressors and air conditioning units for power plants, offering lower pressure drop and extended life.

Advantages

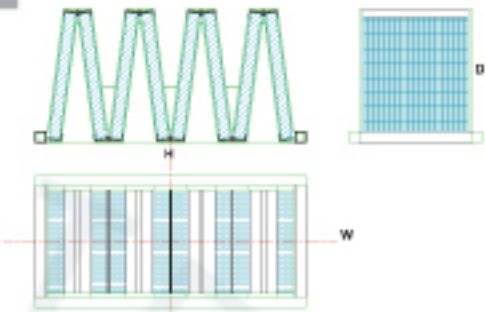
- Foamed one-piece pu-gasket with closed surface
- Large filter surface with compact construction
- Low installation depth
- High dust holding capacity
- Minimisation of overall system pressure drop
- Reduced energy operating costs
- Without pollutant emission fully incinerable
- High bursting pressure, dust migration impossible
- Can be installed horizontally as well as vertically



COMPACT FILTERS MUTITUR (GAS TURBINE)

Properties

UNI EN 779 CLASS	F6	F7	F8	F9
Average Efficiency E _g %	60-80	80-90	90-95	> 95
Long Service Life Initial Pressure Loss	75 Pa	80 Pa	90 Pa	98 Pa
Nominal Service Life Pressure Drop	105 Pa	115 Pa	130 Pa	140 Pa
Recommended Final Pressure Drop	450 Pa	450 Pa	450 Pa	450 Pa
Max. Final Pressure Drop	800 Pa	800 Pa	800 Pa	800 Pa
Continuous Temperature Resistance	80°C	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%	100%
Frame	Full Plastic			
Media	High water repellence dual layer glass fiber media			
Seperators	Thermoplastic			
Sealant	Two component Polyurethane			
Gasket	Polyurethane, foamed in one piece with closed surface			
Protective Grids	Eight Grids on the dirty side, Two grids on the dirty side optional			
Fire Resistance Class	K2 / F2 according to DIN 53438			
Filter Stage	II - III			



Gasket Options for Front-Face and Rear-Face is optional
Plastic header frame is completely incinerable

Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Air Flow m³/h	Pressure Drop Pa	Filtering Surface m²
MT-PR4-287x592x292-F6	287	592	292	1700	75	10
MT-PR4-490x592x292-F6	490	592	292	2750	75	16.5
MT-PR4-592x592x292-F6	592	592	292	3400	75	20
MT-PR4-287x592x292-F7	287	592	292	1700	80	10
MT-PR4-490x592x292-F7	490	592	292	2750	80	16.5
MT-PR4-592x592x292-F7	592	592	292	3400	80	20
MT-PR4-287x592x292-F8	287	592	292	1700	90	10
MT-PR4-490x592x292-F8	490	592	292	2750	90	16.5
MT-PR4-592x592x292-F8	592	592	292	3400	90	20
MT-PR4-287x592x292-F9	287	592	292	1700	98	10
MT-PR4-490x592x292-F9	490	592	292	2750	98	16.5
MT-PR4-592x592x292-F9	592	592	292	3400	98	20

MT-PR4-592x592x292-F7-3400 m³/h @80 Pa is Long Service Life Air Flow Rate
MT-PR4-592x592x292-F7-4250 m³/h @115 Pa is Nominal Service Life Air Flow Rate

PRODUCTCODE
M T _ P R 4 _ w / h / d _ F 6

Filter Model: MT-MULTITUR	Frame Type: P-Plastic	Filter Media: RM-Micro Glass	Number of V: 4V	Dimensions: 592x592x292mm	Efficiency: F6-F7-F8-F9
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