

TMP elements for gas turbines M6-F7

Compact filter

Filtration class according to EN 779:2012

M6, F7

Delivery options

592 (w) × 592 (h) × 300 (d) mm

287 (w) × 592 (h) × 300 (d) mm

490 (w) × 592 (h) × 300 (d) mm

402 (w) × 592 (h) × 300 (d) mm

Possibility of regeneration

no



Filter properties

Compact filter elements TMP consist of 4V elements sealed on both sides into a plastic frame using polyurethane. The double-sided sealing of the filter pleat makes the filter resistant to dripping condensate and provides a long service life in extreme conditions. The TMP compact filter elements separate air impurities in air intake systems of rotary compressors and offer a perfect protection against pollution, corrosion and erosion of key turbine components.

Field of application

Gas turbines, plate power units, compressors and airconditioning units in power plants.

Material

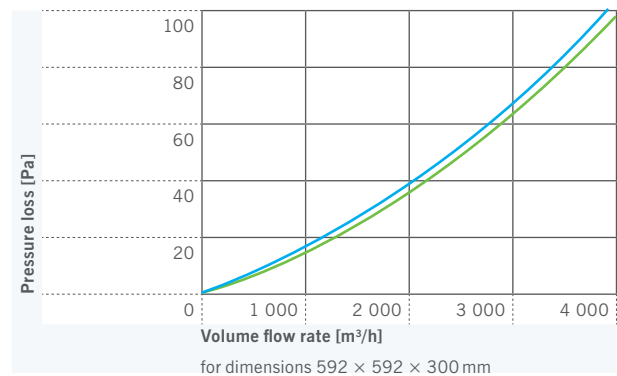
Glass submicr. filter paper, halogen-free recycled polystyrene

Waste disposal

Incineration in appropriate incinerators.

Pressure loss diagram

■ F7 ■ M6



Technical data	Unit of measure	KS TMP	
Filtration class according to EN 779:2012	–	M6	F7
Mean efficiency level (gravimetric)	%	> 98	> 99
Mean efficiency level (atmospheric)	%	60–80	80–90
Nominal air flow rate V_R / V_N for a filter element of dimensions 592 × 592 × 300 mm	m³/h	3,400 / 4,250	3,400 / 4,250
Initial pressure loss at nominal load	Pa	78 / 105	80 / 115
Recommended final pressure loss	Pa	450	450
Maximum thermal resistance	°C	≤ 70	