



MANN+HUMMEL
Industrial Air
Pulsatex

Pulsatex

Pulse Jet Filters for Gas Turbine Filtration



CLEAN
AIR



POWER
GENERATION



CLEAN ROOM



INDUSTRIAL

Designed for use in the harshest of environments, Pulsatex pulse jet filters are built to withstand high levels of dust loading and provide protection to gas turbines across the world. Thanks to the self-cleaning, pulse jet capacity, Pulsatex combines consistent performance with a low cost of ownership.

Available in cylindrical or conical formats, Pulsatex can be used individually or combined for higher air flows and dust holding capacities. Furthermore, with three media types and a range of dimensions, Pulsatex provides excellent flexibility to meet the exact requirements of gas turbine operators no matter what their operating environment or existing systems.

KEY FACTS

- Pleatlock uniform pleat spacing: For maximum life & minimum airflow restriction
- Available in a wide range of media types: Ensures uniform pleat spacing & maximum dust holding capacity
- Galvanised expanded steel inner & outer sleeves: Support the media pack & protect the media from damage
- Pleats secured to the outer sleeves by hotmelt beads: Maintains even pleat spacing and prevents movement during pulse cleaning
- Galvanised steel end caps: For lifetime rust resistance
- Chemical-cured polyurethane pleat & end cap bonding system: Eliminates air bypass & provides maximum structural strength



Pulsatex

Technical Data

Filter Type	Cylinder			
Filter Media Material	Blend	Blend/FR	Blend/MF	Synthetic
Height	660 mm	660 mm	660 mm	660 mm
Outside Diameter	324 mm	324 mm	324 mm	324 mm
Inside Diameter	212 mm	212 mm	212 mm	212 mm
Gasket Inside Diameter	255 mm	255 mm	255 mm	255 mm
Bolt Hole Diameter	13.5 mm	13.5 mm	13.5 mm	13.5 mm
Filtration Area	21 m ²	21 m ²	21 m ²	21 m ²
Nominal Air Flow Capacity	1153 m ³ /hr	1153 m ³ /hr	1153 m ³ /hr	1153 m ³ /hr
Nominal Air/Media Velocity	0.015 m/sec	0.015 m/sec	0.015 m/sec	0.015 m/sec
Liner Joint	welded	welded	welded	welded

Filter Type	Cone			
Filter Media Material	Blend	Blend/FR	Blend/MF	Synthetic
Height	660 mm	660 mm	660 mm	660 mm
Outside Diameter	445 mm / 324 mm	445 mm / 324 mm	445 mm / 324 mm	445 mm / 324 mm
Inside Diameter	330 mm / 212 mm	330 mm / 212 mm	330 mm / 212 mm	330 mm / 212 mm
Gasket Inside Diameter	402 mm	402 mm	402 mm	402 mm
Bolt Hole Diameter	n/a	n/a	n/a	n/a
Filtration Area	23 m ²	23 m ²	23 m ²	23 m ²
Nominal Air Flow Capacity	1200 m ³ /hr	1200 m ³ /hr	1200 m ³ /hr	1200 m ³ /hr
Nominal Air/Media Velocity	0.015 m/sec	0.015 m/sec	0.015 m/sec	0.015 m/sec
Liner Joint	welded	welded	welded	welded

Technical Data	
Nominal Resistance	< 25 mmwg
Filter Class (EN 779)	F9
Operating Temperature	-29 °C to +66 °C
Operating Relative Humidity	100 %

Versions	
Standard	spot welded
On Request	mechanical lock

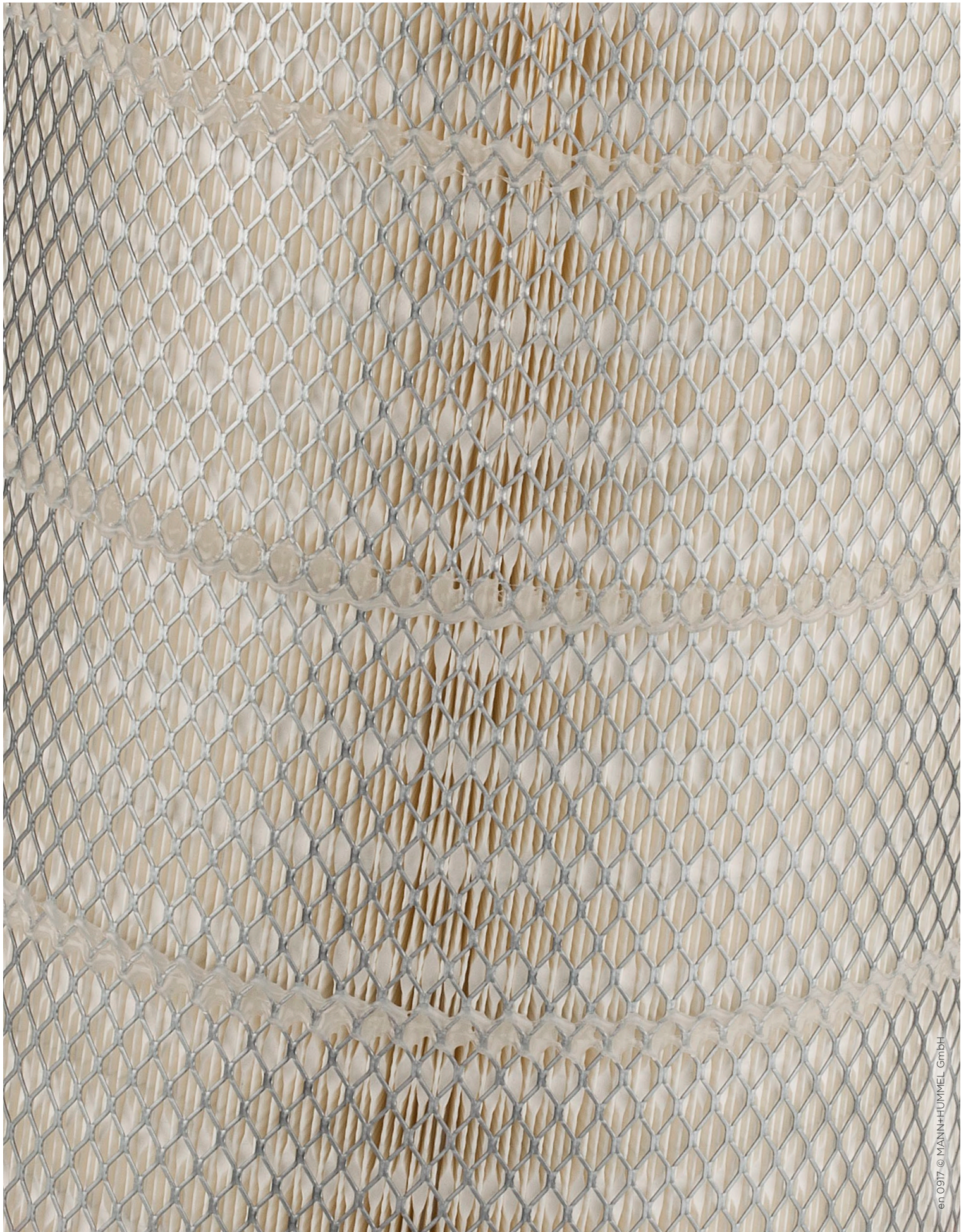
CONSTRUCTION

Available in a range of configurations, Pulsatex filters feature a corrugated media, bonded to the external sleeves using hotmelt adhesive beads to ensure an even pleat spacing and eliminate movement during pulse cleaning. These galvanised steel sleeves also serve to protect the media pack from damage and provide rigidity to the entire filter element. Galvanised steel end caps eliminate oxidation and are bonded to the pleats to eradicate air bypass and provide greater strength.



MEDIA TYPES OFFERED

- Cellulose + Synthetic Blend
- Cellulose + Synthetic Blend with Fire Retardant Properties
- Cellulose + Synthetic Blend with a Microfiltration Layer
- Synthetic



en.0917 © MANN+HUMMEL GmbH