

Dsut Collector Filter Cartridges

Technomart gas turbine cartridge filter is a heavy duty, highly efficient cylindrical element developed for use in self-cleaning pulse-type air filtration systems. Specifically designed to withstand harsh gas turbine operating environments, Technomart gas turbine cartridge filters are made of a high strength polyester reinforced media for unsurpassed resistance to abrasion and rupture. The filter element consists of tightly folded, cylindrically positioned, high performance filter media mounted between a robust outer jacket of expanded metal (different option and material are available to suit clients recommendation) and a perforated inner core.

Both, the Bottom and Top cover plates are airtightly sealed through specific heat and moisture proof PVC sealant.

Hot melt threads separate the individual media folds and additionally prevent the media from rubbing against the outer screen.

The element is either screwed on the base of the clean air plenum by a threaded spindle or fitted with special locking arrangement which is incorporated at the top cap of the filter cartridge.

Technomart offers filter cartridges of different media which includes Synthetic and cellulose mix no-cure type paper, Polyester type washable filter cartridges, Micromelt bonded phenolic resin impregnated cellulose filter paper.

Rated air flow	m ³ /h	1080	1620
Initial pressure drop appr.	Pa	190	320
Final pressure drop recommended	Pa	1200	1400
Final pressure drop max.	Pa	2500	2500
Pressure drop.cleaning condition	Pa	400-600	550-750
Compressed air pressure	bar	6-7	6-7
Separation of AC coarse	%	99,96	99,96
Sepration of AC fine	%	99,8	99,8
Salt separation capability	>99.95%	>99.95%	
Operating temperature	°C	80°C	80°C
Weight appr.	kg	6,5	9

(Please ask for Augmented Panel Type Filter Module)



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