



MAXI-PLEAT HT

PLEATED FILTERS WITH A GALVANIZED STEEL FRAME

- Improves indoor air quality
- Extended filter life
- Better system performance
- Economical pricing
- Can be used as a pre-filter
- ASHRAE 52.76 (30/35%) tested
- Available in Class 1 and 2



DESCRIPTION - CONSTRUCTION - SPECIFICATION

The filtering media is supported by an expanded metal grid, allowing for a 95% open filtering surface area. Precise pleating methods allow for an aerodynamic design. The filtering media is made with fiberglass material whose performance will not be adversely affected by high (<200°F) or extreme (200°F @ 500°F) temperature condition. Several efficiencies of media can be in the frame, the same as the series of Maxi-Pleat merv 8, 11 and 13.

The MPHT filter is constructed from a galvanised steel frame of 24 gauge. A galvanized steel mesh is folded and inserted into the frame to form a double wall around the filter and increases the frame rigidity. The filtering media is glued to the frame sides thus eliminating any possibility of air by-passing the filter.

Rigorously controlled pleat alignment and spacing assures uniform air travel across the entire surface of the filter. The pleat configuration allows for good dust holding capacity. Larger dust particles tends to be captured in the top and bottoms of pleats where as smaller particles will be captured in the sides of the pleat surface.

MPHT	Initial resistance			Final resistance	ASHREA 52.76	PLIS/ P.L	Temperature	
	300 PPM	500 PPM	625 PPM				°F	°C
MPHT2"C2	.20	.43	.60	I	30/35%	12	200	93
MPHT4"C2	.18	.40	.57	I	30/35%	9	200	93
MPHT2"C1	.22	.45	.65	I	30/35%	12	500	260
MPHT4"C1	.20	.42	.60	I	30/35%	9	500	260

Based on 24X24X2.



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