Airex Filter Corporation
420 & 440 Poly Cubes
Polyester Cube Style Filters

AIREX FILTER
CORPORATION

The Airex 420 Polyester Cube is a tackified two ply material and the Airex 440 polyester cube is a three ply tackified material. Both are available in a variety of standard common sizes 15 deep. The 420 cube has a MERV rating of 6 and the 440 cube has a MERV rating of 8. The dual pocket design gives each filter a greater filtering surface to capture more dirt and dust. The polyester material is attached to a 1/8 inch wire galvanized steel header frame with a center support rod for added support. Each filter has an open area of not less than 95% with a very low initial pressure. The pockets are designed to allow full inflation while maintaining adequate air to flow freely. Each pocket is heat sealed and then stitched around the wire ring or frame. When installed into any system a side by side gasket like seal is created. A 13/16 inch header can be added when needed for certain tracking sys- tems. The Poly Cube filter works great in areas where moisture is a problem.

Typical Performance Data

Model Number	Average Efficiency	Resistance @ 250 FPM	Resistance @ 250 FPM	MERV Rating
420	20% ASHRAE MERV 6	0.08" W.G.	0.20" W.G.	MERV 6
440	28% ASHRAE MERV 8	0.10" W.G.	0.23" W.G.	MERV 8

Size Designator	Nominal Size H x W x D	Actual Size H x W x D	Media Area Square Feet
4415	24x24x15	23.375"x23.375"x15"	12 square feet
4015	24x20x15	23.375"x19.375"x15"	10 square feet
4215	24x12x15	23.375"x11.375"x15"	7 square feet

Temperature Range
Less than 140 degrees fahrenheit continuous recommended

Humidity Resistance
Up to 100%

Burst Resistance
Average burst pressure 1.0" w.g.
Guaranteed burst resistant to 0.50" w.g.

Final Resistance
0.50" w.g. recommended
1.0" w.g. maximum

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