

VISKON-AIRE*

Air Filter Products

“440” SERIES



APPLICATION

PRIMARY FILTER FOR THE AIR SUPPLY SIDE OF PAINT SPRAY BOOTHS.

DESCRIPTION

A MEDIUM EFFICIENCY EXTENDED SURFACE FILTER WITH HIGH DUST HOLDING CAPACITY.

CONSTRUCTION

TWO LAYERS OF MEDIUM DENSITY RESIN BONDED FILTER MEDIA FORMED INTO TWO SELF SUPPORTING “V” SHAPED POCKETS. PBT-32 TACKIFIER IS APPLIED TO THE DOWNSTREAM FILTER LAYER.

Viskon-Aire Series 440 Filters are used in office buildings, hospitals, manufacturing plants and all applications where long life and high efficiency are required. Series 440 Filters are used with or without the optional header frame to replace all types of extended surface filters such as cubes, supported multi-pocket, and pleated filters.

The unique filter media and exclusive PBT-32 Tackifier give the Series 440 Filter tremendous dust holding capacity and considerably greater service life than competitive medium efficiency filters. The self-gasketing feature is designed with the compressed media acting as a gasket so that a force fit against the holding frame will eliminate bypass.

Easy installation- preformed filter fits into existing frames with ease. There is no basket to install or retainer clips to become lost or damaged when the filter must be changed. Filters are packaged with the pockets folded. When installed, the pockets spring open and are self-supporting. Series 440 filters are available in an extensive number of standard sizes as well as special sizes upon request.

Underwriter's Laboratories: Classified as to flammability, Class 2, 923X

Viskon-Aire Corp. Salisbury, Md. 21801— 800-336-3752—FAX: 410-543-0545



ETL Testing Laboratories, Inc.

Industrial Park Route 11 Cortland, NY 13045

AIR FILTER PERFORMANCE REPORT

ASHRAE 52-76

Report No 467294 Order No. 32957-M-1 Date March 5, 1985

Requested by Viskon-Aire Corp.

Manufacturer Viskon-Aire Corp.

Product Name Series 440

Model No. 440-005

Dimensions H 24" W 24" D 16"

Source of Test Sample Provided by client

	Rated*	Test Results
Test Air Flow Rate, CFM	2000	2000
Initial Resistance, In. W.G.	0.25	0.23
Final Resistance, In. W.G.	1.00	1.00
Initial Atmospheric Dust Spot Efficiency, percent	N/A	13.6
Average Atmospheric Dust Spot Efficiency, percent	N/A	31.8
Average Synthetic Dust Weight Arrestance, percent	N/A	91.2
ASHRAE Dust Holding Capacity, grams	N/A	401
Sampling Tip Diameter 0.858		Dust Feeding Rate 2 grams/1000CFM
Test Air Temperature Range 38-71°F		Test Air Humidity Range 27-67%

*Rated Performance Data from Manufacturer

Date of Test March 1 & 4, 1985

Physical Description of Filter Tested:

The filter was of the extended surface type with two pockets. The Viskon-Aire Series 440 filter is constructed of polyester media supported by a heavy wire hoop that supports the main opening and divides in the middle of the filter. The filter media is attached to the wire hoop with hog rings. The filter media is white inside and green outside and has an adhesive applied. The filter media has a gross area of 15 square feet and a net media of 14.5 square feet.



Report Approved by

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Under Supervision

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