

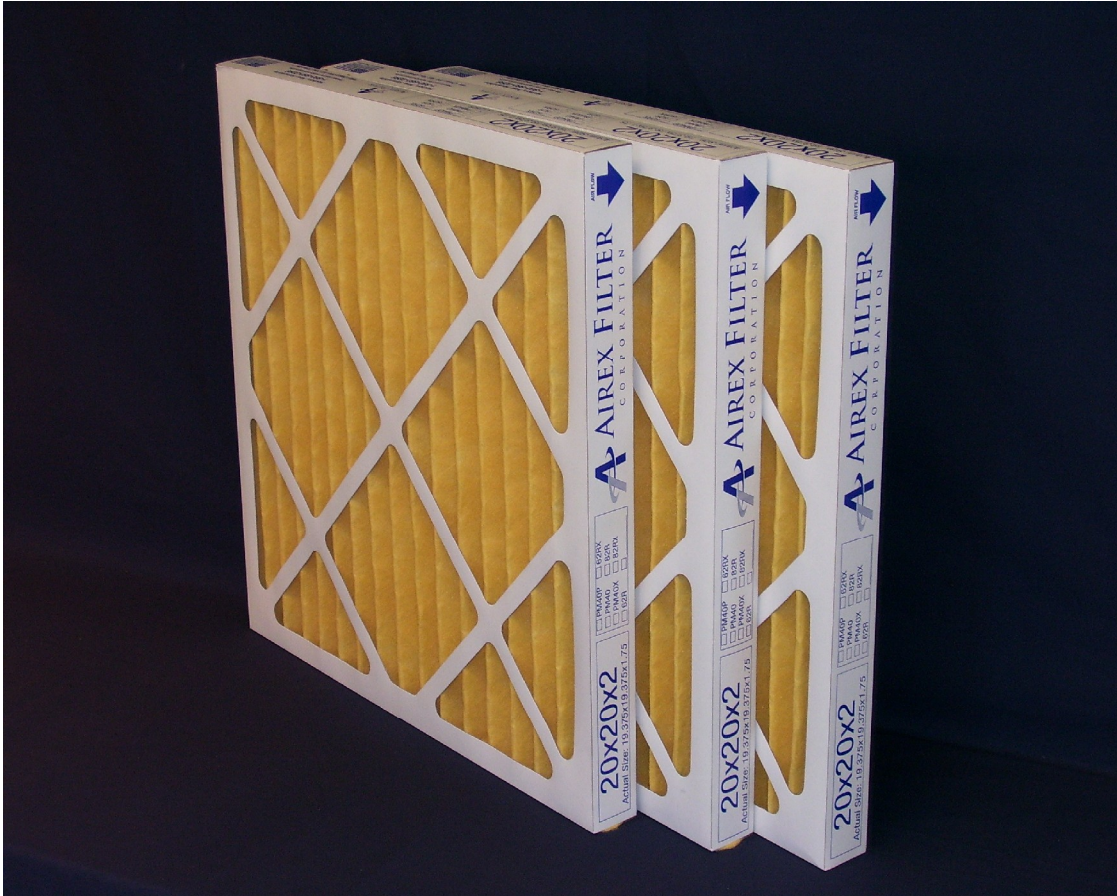


Airex Filter Corporation

Product
Bulletin

X0017-15

82-R Ultra High Efficiency **MERV 11 Standard Capacity Pleated Air Filters**



The 82-R MERV 11 pleated filters are available in a wide range of sizes for all commercial, industrial and residential applications. The filter media is a 100% synthetic, electrostatically charged media, designed to attract and hold airborne contaminants. This results in a higher efficient filter, 80-85 @ 3-5 micron, over 90% @ 7-10 micron without sacrificing airflow. Initial resistance of a 2" deep filter is just .36" w.g. @ 500 FPM. The enclosing frame of the 82-R is constructed of a rigid, heavy duty moisture resistant beverage board. The support members are an integral part of the frame and are bonded to each pleat on both sides to insure pleat spacing and stability. The filter pack is bonded to the inside periphery of the frame, thus eliminating the possibility of air bypass. The media support grid is available in expanded wire with an effective open area of not less than 96%. The wire grid is bonded to the filter media to eliminate the possibility of media oscillation and media pull away.

Tel: (603) 821-3065
Fax: (603) 821-3070

SEE REVERSE SIDE FOR TECHNICAL DATA



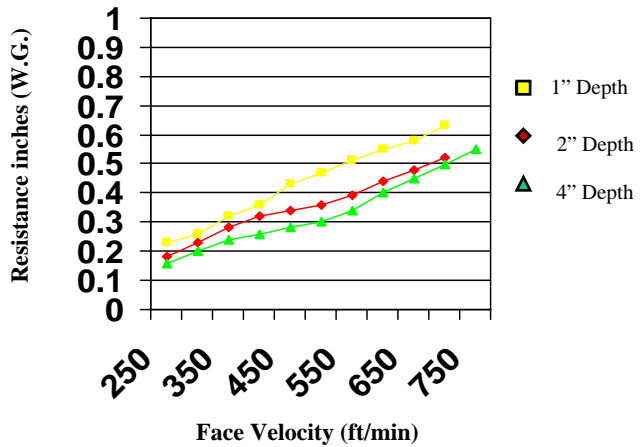
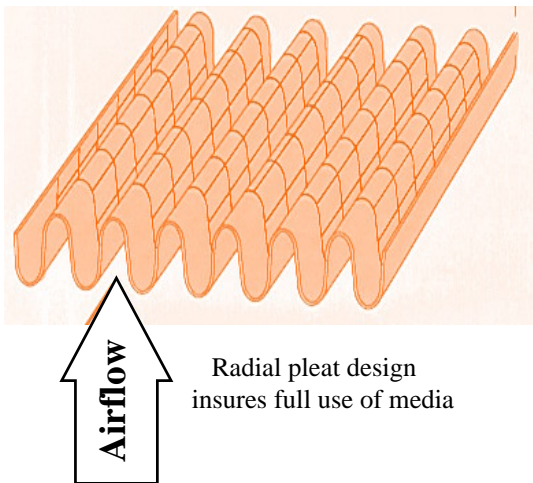
Typical Performance Data

Filter Depth	Nominal Size	Capacities (CFM)		Resistance (inches W.G.)			Pleats per Linear foot	Media Area (SQ. FT.)
		Med	High	Med	High	Final		
1"	12x24	600	1000	.26	.47	1.0	14	4.7
	16x20	650	1100	.26	.47	1.0	14	5.3
	16x25	850	1350	.26	.47	1.0	14	6.6
	20x20	850	1350	.26	.47	1.0	14	6.7
	20x25	1050	1750	.26	.47	1.0	14	8.3
	24x24	1200	2000	.26	.47	1.0	14	9.3
2"	12x24	600	1000	.23	.36	1.0	10	6.7
	16x20	650	1100	.23	.36	1.0	10	7.8
	16x25	850	1350	.23	.36	1.0	10	9.7
	20x20	850	1350	.23	.36	1.0	10	9.4
	20x25	1050	1750	.23	.36	1.0	10	11.8
	24x24	1200	2000	.23	.36	1.0	10	13.3
4"	12x24	600	1000	.20	.30	1.0	11	14.7
	16x20	650	1100	.20	.30	1.0	11	16.7
	16x25	850	1350	.20	.30	1.0	11	20.8
	20x20	850	1350	.20	.30	1.0	11	21.1
	20x25	1050	1750	.20	.30	1.0	11	26.4
	24x24	1200	2000	.20	.30	1.0	11	29.3
	25x29	1500	2500	.20	.30	1.0	11	37.1

Final Maximum recommended Resistance is 1.0" W.G. MERV 11 filters are 80-85% eff @ 3-5 micron

*Maximum operating temperature 180 degrees F continuous, 200 degrees F intermittent

*Odd sizes available within 7-10 working days



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14 clement Road

Hudson, NH 03051

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