RoboVent®

Making a Difference One Breath at a Time

A16 PleatLock Premium Filter

A16 PleatLock premium filter media is a proprietary cellulose polyester blend with a fire retardant additive and an initial Minimum Efficiency Reporting Value of 16 (MERV16). The base media is enhanced with a direct-spray nanofiber to promote surface loading during operation and dust release during pulse-cleaning.

The media provides the highest filtration efficiency among cellulose polyester blends. RoboVent's new PleatLock technology has been engineered to outlast even the toughest competitor filter. With added dimples within the pleats, there is up to 35% more media space to capture more particulate, allowing for longer time between filter changes. This saves time and money!

Standard Product Characteristics

Base Media:	Cellulose/Polyester Blend + Fire Retardant
Pulse Layer:	Nanofiber
Max. Temperature:	225°F
Max. Humidity:	95%
Length Tolerance:	± 1/4 inch
Diameter Tolerance:	± 1/8 inch
ASHRAE Efficiency:	MERV 16*
End Cap:	Galvanized Steel

Resistance to Air Flow of Clean Filter

Y-axis: Pressure Drop (in. WC), 0.0 to 1.0
X-axis: Air:Cloth Ratio, 0 to 7
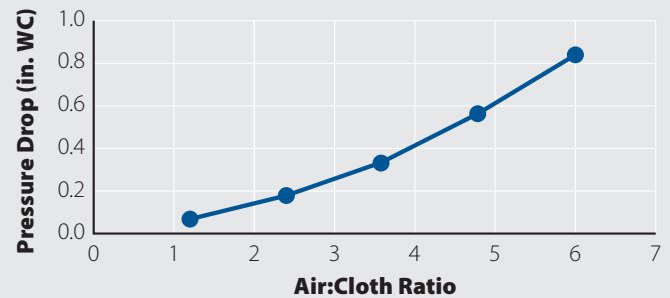
A16 PleatLock Filter Sizes

ITEM NUMBER	MEDIA AREA (FT²)	END CAP CONFIGURATION	SF SIZE (IN)	OD (IN)	ID (IN)	LENGTH (IN)
PL-10D12-A16-C	68	OPEN/CLOSED	NA	10.38	6	12
PL-12D26-A16	205	OPEN/OPEN	NA	12.75	8.38	26
PL-12D36-A16-C	284	OPEN/CLOSED	NA	12.75	8.38	36
PL-14D26-A16	233	OPEN/OPEN	NA	13.88	9.5	26
PL-14D26-A16-C	233	OPEN/CLOSED	NA	13.88	9.5	26
PL-14D26-A16-SF	233	SQUARE/CLOSED	16x16	13.88	9.5	26
PL-14D36-A16	322	OPEN/OPEN	NA	13.88	9.5	36
PL-14D36-A16-C	322	OPEN/CLOSED	NA	13.88	9.5	36
PL-14D36-A16-SF	322	SQUARE/CLOSED	16x16	13.88	9.5	36
PL-14D52-A16-SF	465	SQUARE/CLOSED	16x16	13.88	9.5	52
PL-18D16-A16	190	OPEN/OPEN	NA	17.38	12.63	16
PL-18D12-A16-C	190	OPEN/CLOSED	NA	17.38	12.63	12
PL-22D12-A16	202	OPEN/OPEN	NA	22.38	17.88	12
PL-22D14-A16-C	236	OPEN/CLOSED	NA	22.38	17.88	14
PL-22D36-A16	606	OPEN/OPEN	NA	22.38	17.88	36
PL2-14D52-A16-SF	465	SQUARE/CLOSED	17x18	13.88	9.5	52
PL-22D21-A16	353	OPEN/OPEN	NA	22.38	17.88	21

* Note: MERV estimated on clean filter only. Assumes this is minimum.