

Improving Lives through Clean Air

M11 PleatLock Premium Filter

M11 PleatLock filter media is a proprietary cellulose polyester blended and a popular selection for standard dust and fume applications.

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

Pulse Layer: N/A **Max. Temperature:** 225°F **Max. Humidity:** 95% **Length Tolerance:** $\pm 1/4$ inch **Diameter Tolerance:** $\pm 1/8$ inch **ASHRAE Efficiency:** MERV 11* **End Cap:** Galvanized Steel

Resistance to Air Flow of Clean Filter Pressure Drop (in. WC) 0.6 0.4 0.2 0.0 5 6 **Air:Cloth Ratio**

M11 PleatLock Filter Sizes **MEDIA AREA** LENGTH ITEM **END CAP SF SIZE** OD ID **NUMBER** (FT²) **CONFIGURATION** (IN) (IN) (IN) (IN) PL-10D12-M11-C 68 OPEN/CLOSED NA 10.38 6 12 PL-12D26-M11 205 OPEN/OPEN NA 12.75 8.38 26 PL-12D36-M11-C 284 OPEN/CLOSED NA 12.75 8.38 36 PL-14D26-M11 233 OPEN/OPEN NA 13.88 9.5 26 PL-14D26-M11-C OPEN/CLOSED NA 9.5 26 233 13.88 9.5 PL-14D26-M11-SF SQUARE/CLOSED 233 16x16 13.88 26 PL-14D36-M11 322 OPEN/OPEN NA 13.88 9.5 36 PL-14D36-M11-C 322 OPEN/CLOSED NA 13.88 9.5 36 PL-14D36-M11-SF 322 SQUARE/CLOSED 16x16 9.5 36 13.88 PL-14D52-M11-SF 465 SQUARE/CLOSED 16x16 13.88 9.5 52 PL-18D16-M11 190 OPEN/OPEN NA 12.63 16 17.38 PL-18D12-M11-C 190 OPEN/CLOSED NA 17.38 12.63 12 PL-22D12-M11 202 OPEN/OPEN NA 22.38 17.88 12 PL-22D14-M11-C 236 OPEN/CLOSED NA 22.38 17.88 14 PL-22D36-M11 606 OPEN/OPEN 17.88 36 NA 22.38 PL-14D52-M11-SF SQUARE/CLOSED 465 17x18 13.88 9.5 52 PL-22D21-M11 353 OPEN/OPEN NA 22.38 17.88 21

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