**COOK**

**Filter Media Options**

**DATE:** ________________

**PROJECT:** ________________

**LOCATION:** ________________

**Aluminum:** Standard media for exterior (exposed to the elements) filtered units and accessories, also the standard for SQN / SQI filter boxes.
- Expanded aluminum, washable filter media installed in aluminum frame (Galvanized frame on H-Series, CFS, and MRSF units).
- Initial Atmospheric Dust Spot Efficiency - < 20 percent
- Average Atmospheric Dust Spot Efficiency - < 20 percent
- Average Synthetic Dust Weight Arrestance - 54 percent

**Fiberglass:** Optional media for H-series and other exterior filtered units.
- Laminated fiberglass replaceable media installed in a corrosion resistant metal frame.
- Initial Atmospheric Dust Spot Efficiency - < 20 percent
- Average Atmospheric Dust Spot Efficiency - < 20 percent
- Average Synthetic Dust Weight Arrestance - 84 percent

**Polyester:** Optional media for H-series and other exterior filtered units.
- Non-woven polyester replaceable media installed in a corrosion resistant metal frame.
- Initial Atmospheric Dust Spot Efficiency - < 20 percent
- Average Atmospheric Dust Spot Efficiency - < 20 percent
- Average Synthetic Dust Weight Arrestance - 93 percent

**Polyurethane Foam:** Standard media for cabinet fan filter boxes.
- Polyurethane foam media installed in a corrosion resistant metal frame.
- 30 pores per linear inch
- Rated UL 900, Class 2
- Initial Atmospheric Dust Spot Efficiency - < 20 percent
- Average Atmospheric Dust Spot Efficiency - < 20 percent

**30% Pleated Filters:** Standard media for initial ERV filter bank and optional media for SQN / SQI and cabinet fan filter boxes.
- Blend of reinforced natural and polyester fibers using welded corrosion resistant support grid installed in a beverage board frame.
- MERV 8 efficiency; ASHRAE standard 52.2-1999
- Rated UL 900, Class 2
- Average Atmospheric Dust Spot Efficiency - 25-30 percent
- 30% Pleated filters are not available on exterior unit without utilizing aluminum pre-filter.
- 30% Pleated filters are not recommended for high moisture environments.

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**Chart:**

- **SP (in. w.g.)** vs. **Face Velocity (FPM)**
- Chart shows initial resistance, maximum resistance of 1 in. w.g.

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