

234100S01 PARTICULATE AIR FILTRATION - Final Filter – Rigid Type

1. The final filter shall be a high performance, deep pleated, totally rigid type and shall consist of a glass fiber media, media support frame, contour stabilizers and enclosing frame. The filters shall be labeled by Underwriters Laboratories as Class 2.
2. The media shall be a high density micro fine glass fiber laminated to a non-woven synthetic backing to form a lofted filter blanket. The media shall have a minimum efficiency (ASHRAE test standard 52 - 76) of 90% with a minimum arrestance of 90%.
3. The media support shall be a welded wire grid with an effective open area of not less than 96%. The grid shall be bonded to the filter media to eliminate media oscillation and pull away. The grid shall support the media both vertically and horizontally. Contour stabilizers shall be permanently installed on both the air entering and exiting sides of the filter media pack to insure the pleat configuration is maintained throughout the life of the filter.
4. The enclosing frame shall be constructed of galvanized steel. It shall be constructed and assembled to provide a rigid and durable enclosure for the filter pack. The frame shall be bonded to the filter pack. Standard sizes shall be 12" x 24" x 2" and 24" x 24" x 2".
5. Filters shall be Cam-Farr Riga-Flo or equal by American Air Filter, Eco-Air or Airguard. Provide Dwyer Instruments Inc Series 2000 Magnahelic gauges across each filter bank.
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