

## **234100S01 PARTICULATE AIR FILTRATION - Prefilters**

- 1.0 Prefilters shall consist of a pleated media, media support grid, and enclosing frame. The filters shall be labeled by Underwriters Laboratories as Class 2.
- 2.0 The media shall be a non-woven cotton fabric and shall have a minimum efficiency (ASHRAE test standard 52 - 76) of 25% with a minimum arrestance of 90%.
- 3.0 The media support shall be a welded wire grid with an effective open area of not less than 90%. The grid shall be bonded to the filter media to eliminate media oscillation and pull away.
- 4.0 The enclosing frame shall be constructed of rigid, heavy duty, high wet strength beverage board. The frame shall be bonded to the filter pack. Standard sizes shall be 12" x 24" x 2" and 24" x 24" x 2".
- 5.0 Filters shall be Cam-Farr 30/30 or equal by American Air Filter, Eco-Air or Airguard.