PLEATED PANEL FILTER
1” CARDBOARD FRAME

Rainbow FILTERS

Est. 1956

THE CLEAN AIR PEOPLE

Expanded metal pleat support grid mesh

- High loft media increases dust holding capacity
- Excellent primary filter to prevent dust build-up on heating and cooling coils, fans, and ductwork
- Excellent prefilter for higher efficiency filters
- Directly interchangeable with disposable panel filters, media pads in metal frames, or permanent filters used in built-up filter banks and side access systems. No modifications are necessary to frames or latches

FAC1 filters are constructed with Rainbows totally unitized, double,wall, die-cut box, beverage board frame. The media pack is bonded inside the frame at all points of contact. FAC1 filters are built rugged for durability and reliability under tough service conditions. FAC1 is rated MERV 7 (25-30% average ASHRAE efficiency).

Superior Strength

FAC1 filters are extremely strong and durable, with all components rigidly bonded into a totally unitized construction. They will not rack or deteriorate under normal operating conditions, including high moisture applications.

An expanded metal grid laminated to the air leaving side of the media creates more consistent pleat shape and maintains uniform pleat spacing. Expanded metal also increases the stability of the pleat pack, reducing media flutter during operation. The media pack support retainers, which are an integral part of the frame, are bonded to the pleats on both the air entering and the air leaving sides. This increases rigidity and also helps maintain proper spacing between pleats for maximum dust holding capacity while minimizing resistance.

PERFORMANCE DATA				
- 1” PLEATED PANELS -				
Product Code	**Nominal Size (mm)**	**Airflow Capacity (l/sec)**	**Initial Resistance (Pascals)**	**Efficiency**
FAC1-01	495 x 395 x 22	495	66	G4
FAC1-02	495 x 495 x 22	620	66	G4
FAC1-03	622 x 395 x 22	620	66	G4
FAC1-04	622 x 495 x 22	780	66	G4
FAC1-05	749 x 495 x 22	930	66	G4
FAC1-06	595 x 595 x 22	900	66	G4
FAC1-08	595 x 295 x 22	450	66	G4

PLEATED PANEL FILTER
1" CARDBOARD FRAME