



POLY PANEL



D.B.L.



P.S.B.S

P.S.B.T

DESCRIPTION - CONSTRUCTION - SPECIFICATION

DB and DBL filters are made of two layers of high density synthetic fiber on a wire frame.

First, a dry layer traps large and medium size particles upon entry. Then a tacky layer retains the smallest particles upon exit. This filter panel offers superior air quality in a number of operating conditions. In addition, these panels are designed to resist humidity. The two layers of media are sewn all around to prevent any air bypass along the frame.

DB and DBL filters are easily installed in 1 and 2 inch slots. They require no fastening devices as they are linked.

| Model | Air Velocity | Init. press. | Final press. | Average arrest. |
|-------|--------------|--------------|--------------|-----------------|
| DB | 350 fpm | 0,23 po. | 1,0 in | 85-90% |
| DBL | 350 fpm | 0,23 po. | 1,0 in | 85-90% |

Tests results based on ASHRAE 52-76 test method at 300 fpm

P.S.B.S. filters are interchangeable with all external frame type air filters. They will fit into most frames. Their self-sealing design makes installation a snap, simply push the filter into the track. The polyester pad is sewn around the internal wire frame.

P.S.B.S. filters are excellent alternatives to conventional panel filters due to their ease of installation in side access units. They consist of standard size panels with individual wire framing. This type of filter also offers about 40% less shipping weight and cuts storage space by half compared to regular panels thanks to its high compressibility.

P.S.B.S. filters operate at face velocities up to 625 fpm where extra dust loading conditions are present. They make excellent prefilters when higher efficiency filters are needed.

Designed for continuous operating temperatures up to 150°F (66°C). UL Class 2 approved. Testing performed according to UL Standard 900.

The P.S.B.T. construction is manufactured the same as P.S.B.S. except that the media is coated on the air leaving side with an adhesive non-migratory dry tackified media which is an integral part of the filter.

| P.S.B.S. | 20x20 |
|---------------------------------|-------|
| Initial pressure drop (in W.G.) | 0,07 |
| Final pressure drop (in W.G.) | 0,5 |
| Weight of dust fed (grams) | 309 |
| Weight of dust held (grams) | 216 |
| Average arrestance | 70% |

Tests based on ASHRAE 52-76 test method at 300fpm



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