

ULTRA PAK

Synthetic, Rigid Cell, High Efficiency Air Filter

Frame: The frame is to be a rigid construction of 26 gauge galvanized steel. A heavy gauge, galvanized steel header is optional on the Ultra Pak. Ultra Pak frames are available in two depths 11-1/2" or 5-7/8", please note these are exact depths. Standard tolerance will be +/- 1/16".

Media Pack: The filter media pack shall be constructed by pleating a continuous sheet of microfine synthetic media into uniformly spaced pleats, which are separated by frame retardant, plastic separators. A heavy-duty, thermo-setting adhesive to maintain continuity of the radial pleats. A high density, microfine glass media pack is also available.

The expanded metal shall be galvanized to resist rust and corrosion. Metal vertical support brackets shall be utilized to stabilize the media pack and to prevent air bypass. The media will be adhesively bonded on all four sides of the frame to prevent air bypass. Four efficiency ranges are available: 40-45%, 60-65%, 80-85%, 90-95%. Ultra Pak synthetic filters shall be rated Class 2 under U.L. Standard 900.

Separators: Material is to be heavy-gauge, frame retardant plastic. Separators are equipped with air disbursement slots and a rigid spine. The media separators maintain uniform spacing between each pleat to allow for unrestricted air flow.

Gasket: Gasket material is optional. The placement options are air entry, air exit, air entry and exit. The gasket material is 3/4" in width and 1/4" in thickness. This resilient material makes for an excellent gasket, which discourages air bypass.



Ultra Pak

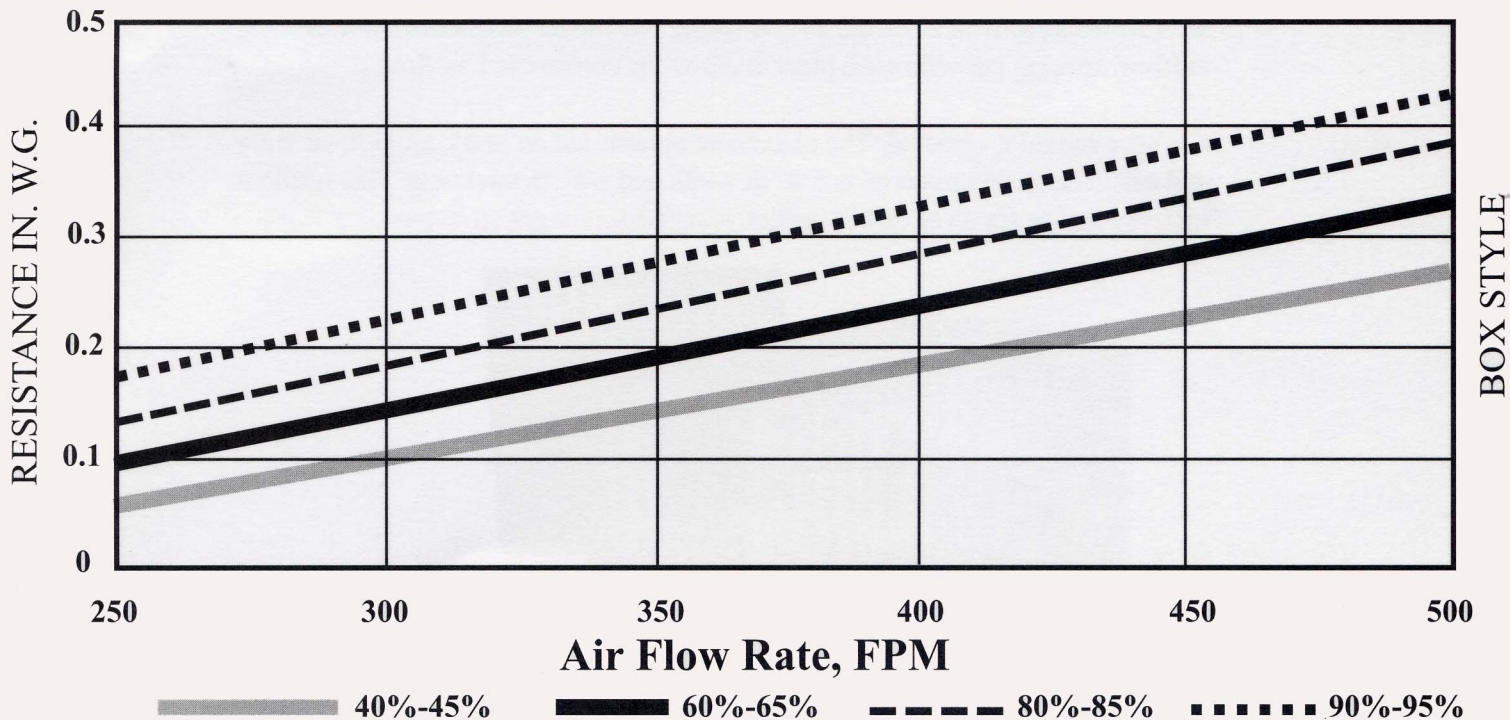
Performance Data - Synthetic

| Size W x H x D Nominal | Size x H x D | W Exact | Rated Velocity FPM | Initial Resistance In. W.G. | | | Recomm. Final Resist In. W.g. | Media Sq. Ft. |
|------------------------------|----------------------|------------|--------------------------|--------------------------------|----------------|----------------|--|------------------|
| | | | | 65% Merv-11 | 85% Merv-13 | 95% Merv-14 | | |
| 24x24x12 | 23-3/8x23-3/8x11-1/2 | | 500 | .32 | .37 | .43 | 1.5" | 58 |
| 12x24x12 | 11-3/8x23-3/8x11-1/2 | | 500 | .32 | .37 | .43 | 1.5" | 28 |
| 20x20x12 | 19-3/8x19-3/8x11-1/2 | | 500 | .32 | .37 | .43 | 1.5" | 40 |
| 20x24x12 | 19-3/8x23-3/8x11-1/2 | | 500 | .32 | .37 | .43 | 1.5" | 50 |
| 25x20x12 | 24-3/8x19-3/8x11-1/2 | | 500 | .32 | .37 | .43 | 1.5" | 52 |
| 24x24x6 | 23-3/8x23-3/8x5-5/8 | | 250 | .17 | .20 | .23 | 1.0" | 26 |
| 12x24x6 | 11-3/8x23-3/8x5-5/8 | | 250 | .17 | .20 | .23 | 1.0" | 14 |
| 20x20x6 | 19-3/8x23-3/8x5-5/8 | | 250 | .17 | .20 | .23 | 1.0" | 20 |
| 20x24x6 | 19-3/8x23-3/8x5-5/8 | | 250 | .17 | .20 | .23 | 1.0" | 25 |
| 25x20x6 | 24-3/8x19-3/8x5-5/8 | | 250 | .17 | .20 | .23 | 1.0" | 26 |

| Nominal Size W x H x D (MM) | Rated Airflow Capacity (M3/H) | Rated Resistance (Pascal's) |
|-----------------------------------|--|-----------------------------------|
| 610x610x305 | 3398.4 | 161.72 |
| 305x610x305 | 1699.2 | 161.72 |
| 508x508x305 | 1869.12 | 161.72 |
| 508x610x305 | 934.56 | 161.72 |
| 635x508x305 | 2378.88 | 161.72 |
| 610x610x149 | 1189.44 | 82.104 |
| 305x610x149 | 2378.88 | 82.104 |
| 508x508x149 | 1359.36 | 82.104 |
| 508x610x149 | 2888.64 | 82.104 |
| 635x508x149 | 1444.32 | 82.104 |

STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 12" Nominal



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