



TP4100HV

High Velocity Pleated Filter

TP4100HV PLEATED PANEL FILTER

The TP4100HV Filter is designed for demanding high velocity and high dirt loading applications. The media is reinforced with a heavy gauge corrosion resistant expanded metal mesh to help prevent the pleat pack from collapsing in these demanding applications. The pleated media pack is encased in a heavy duty, double wall, and moisture resistant, die-cut frame. TP4100HV Filter is available in 1", 2", and 4" depths in all standard sizes and in special sizes.

The TP4100HV is also available with a moisture resistant outer wrap for extra strength in high humidity applications (Model TP4100HVT).



Heavy Metal Backing

The TP4100HV is constructed with a heavy gauge galvanized steel backing to support the filter in turbulent and high velocity airflows. The heavy metal backing ensures that the pleat configuration and the filter integrity is maintained. This prevents the filter from blowing out and contaminating the air handling system.

Performance Data

| Filter Depth | Rated Filter Face Velocity | | MERV Rating | Initial Resistance | | Recommended Final Resistance | |
|--------------|----------------------------|------|-------------|--------------------|------|------------------------------|-----|
| | FPM | m/s | | In W.G. | Pa | In W.G. | Pa |
| 1" | 300 | 1.52 | 8 | 0.20" | 50 | 0.50" | 125 |
| 2" | 500 | 2.54 | 8 | 0.20" | 50.0 | 1.0" | 250 |
| 4" | 500 | 2.54 | 8 | 0.19" | 47.5 | 1.0" | 250 |

Underwriters Laboratory Classification: UL 900 and ULC S111 Classified.