

Filtro Cell C - Minipleat Synthetic Panel Filters

FILTRO CELL C filters are the new generation type high efficiency mini - pleat panel filters available in a wide range of efficiencies from M5 to F9 (45% to 95%+). FILTRO CELL C filters are designed to use in HVAC installations where highest degree of air cleanliness is required. The compact design, larger surface area and low initial resistance made it an ideal alternative to ordinary bag filters and box type filters of the similar efficiencies.

Filtrowin Models

Filtro Cell C

Minipleat Synthetic Panel Filters

Available in single, double or no header frames

M5 to F9 efficiencies

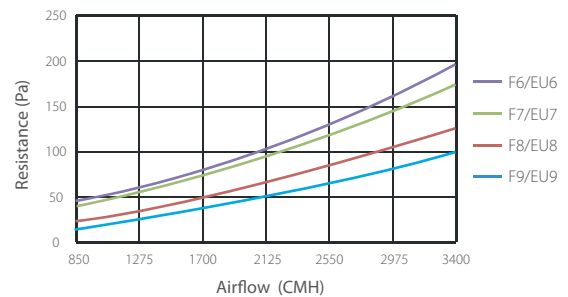
Metal or Plastic Frame



Media Features and Technical Details

A 100% synthetic filter media made from a modified meltblown process having graded fiber density ensuring coarse fibers upstream and fine fibers downstream is closely pleated adding thermo-plastic bead separators which gives a unique V configuration to the pleats and accommodates a very large quantity of filter media. The low initial pressure drop longer service life and the compact design made it an ideal design for all types of air conditioning installations. The FILTRO CELL C filters are available in plastic or metal frames. The filter media used is inherently anti-microbial and so it inhibits the growth of micro organisms.

Airflow vs. Resistance



Selection Chart ▼

| Nominal Size (mm) | Airflow (CMH) | | | Initial Resistance to air flow (Pa) | | | | | | | | | | | | Media Area (Sq. M) |
|-------------------|---------------|------------|------------|-------------------------------------|-----|-----|---------------|-----|-----|---------------|-----|-----|----------------|-----|-----|--------------------|
| | L | M | H | 65%/F6/MERV11 | | | 85%/F7/MERV13 | | | 95%/F8/MERV14 | | | 95%+/F9/MERV15 | | | |
| | | | | Model: FCC6 | | | Model: FCC7 | | | Model: FCC8 | | | Model: FCC9 | | | |
| | @ 1.27 m/s | @ 1.90 m/s | @ 2.54 m/s | L | M | H | L | M | H | L | M | H | L | M | H | |
| 592 x 592 x 150 | 1700 | 2550 | 3400 | 35 | 60 | 95 | 45 | 80 | 123 | 65 | 112 | 165 | 75 | 130 | 185 | 15.58 |
| 592 x 287 x 150 | 850 | 1275 | 1700 | 35 | 60 | 95 | 45 | 80 | 123 | 65 | 112 | 165 | 75 | 130 | 185 | 7.79 |
| 592 x 592 x 96 | 1700 | 2550 | 3400 | 40 | 65 | 100 | 51 | 85 | 128 | 71 | 119 | 171 | 80 | 134 | 193 | 10.03 |
| 592 x 292 x 96 | 850 | 1275 | 1700 | 40 | 65 | 100 | 51 | 85 | 128 | 71 | 119 | 171 | 80 | 134 | 193 | 4.83 |
| 592 x 490 x 96 | 1400 | 2100 | 2800 | 40 | 65 | 100 | 51 | 85 | 128 | 71 | 119 | 171 | 80 | 134 | 193 | 8.36 |
| 592 x 1200 x 96 | 3400 | 5100 | 6800 | 40 | 65 | 100 | 51 | 85 | 128 | 71 | 119 | 171 | 80 | 134 | 193 | 20.44 |
| 592 x 592 x 48 | 1700 | 2550 | 3400 | 43 | 74 | 122 | 71 | 128 | 205 | 88 | 154 | 230 | 97 | 174 | 265 | 5.20 |
| 592 x 292 x 48 | 850 | 1275 | 1700 | 43 | 74 | 122 | 71 | 128 | 205 | 88 | 154 | 230 | 97 | 174 | 265 | 2.51 |
| 592 x 490 x 48 | 1400 | 2100 | 2800 | 43 | 74 | 122 | 71 | 128 | 205 | 88 | 154 | 230 | 97 | 174 | 265 | 4.27 |
| 592 x 1200 x 48 | 3400 | 5100 | 6800 | 43 | 74 | 122 | 71 | 128 | 205 | 88 | 154 | 230 | 97 | 174 | 265 | 10.59 |
| 592 x 592 x 24 | 1700 | 2550 | 3400 | 88 | 156 | 253 | 165 | ... | ... | 179 | ... | ... | 196 | ... | ... | 3.90 |
| 592 x 292 x 24 | 850 | 1275 | 1700 | 88 | 156 | 253 | 165 | ... | ... | 179 | ... | ... | 196 | ... | ... | 1.86 |
| 592 x 490 x 24 | 1400 | 2100 | 2800 | 88 | 156 | 253 | 165 | ... | ... | 179 | ... | ... | 196 | ... | ... | 3.16 |
| 592 x 1200 x 24 | 3400 | 5100 | 6800 | 88 | 156 | 253 | 165 | ... | ... | 179 | ... | ... | 196 | ... | ... | 8.18 |

- Recommended Final Resistance : 375 Pa
- Maximum Pressure Drop - 450 Pa
- Maximum Operating Temperature / Humidity - 80 ° C / 100%

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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