# HVAC MODEL
# V-COMPACT FILTER




**Applications:**
Capturing fine particles
Second or final stage filter in HVAC
Pre-filter for HEPA filters

**Highlights:**
- Eurovent certified
- Large filtration area
- Simple and light weight
- High dust holding capacity
- Low initial pressure drop

| | | | |
|---|---|---|---|
| **Filter Standard:** | ISO 16890 | **Max. Operating Tempature:** | 80°C |
| **Filter Class:** | ISO ePM1- ISO ePM2,5 - ISO ePM10 | **Faceguard:** | Available on request |
| **Media:** | Glass Fiber | **Gasket:** | Available on request |
| **Frame:** | Polystyrene (PS) | **Sealing Compound:** | Two component polyurethane |
| **Rec. Final Pressure Drop EN13053:** | Initial ΔP +100 Pa or initial ΔP x3 whichever is lower | **Seperators:** | Hotmelt |

| Filter Model | Filter Class | | Filtration Area ($m^2$) | Nominal Airflow ($m^3/h$) | N. Initial Pressure Drop (Pa) | Rated Airflow ($m^3/h$) | R. Initial Pressure Drop (Pa) | Energy Class |
|---|---|---|---|---|---|---|---|---|
| | EN 779 (cancelled) | ISO 16890 | | | | | | |
| FV-M6-287-592-292-FW-W | M6 | ePM10 75% | 7 | 2125 | 108 | 1700 | 80 | E |
| FV-M6-490-592-292-FW-W | M6 | ePM10 75% | 11,5 | 3500 | 108 | 2700 | 80 | E |
| FV-M6-592-592-292-FW-W | M6 | ePM10 75% | 14 | 4250 | 108 | 3400 | 80 | E |
| FV-F7-287-592-292-FW-W | F7 | ePM1 55% | 7 | 2125 | 130 | 1700 | 90 | D |
| FV-F7-490-592-292-FW-W | F7 | ePM1 55% | 11,5 | 3500 | 130 | 2700 | 90 | D |
| FV-F7-592-592-292-FW-W | F7 | ePM1 55% | 14 | 4250 | 130 | 3400 | 90 | D |
| FV-F8-287-592-292-FW-W | F8 | ePM1 75% | 7 | 2125 | 150 | 1700 | 100 | C |
| FV-F8-490-592-292-FW-W | F8 | ePM1 75% | 11,5 | 3500 | 150 | 2700 | 100 | C |
| FV-F8-592-592-292-FW-W | F8 | ePM1 75% | 14 | 4250 | 150 | 3400 | 100 | C |
| FV-F9-287-592-292-FW-W | F9 | ePM1 80% | 7 | 2125 | 185 | 1700 | 120 | D |
| FV-F9-490-592-292-FW-W | F9 | ePM1 80% | 11,5 | 3500 | 185 | 2700 | 120 | D |
| FV-F9-592-592-292-FW-W | F9 | ePM1 80% | 14 | 4250 | 185 | 3400 | 120 | D |

"Other dimensions are available on request."
"Differential Pressure Tolerance ( ±10% + 5 Pa ) or ( 10 Pa + 5 Pa ) whichever is greater"

## HVAC MODEL V-COMPACT FILTER CODE CONFIGURATION

| Filter Type | Filter Class | Dimensions (mm) | Faceguard | Gasket |
|---|---|---|---|---|
| FV : HVAC Model V-Compact Filter | M6<br>F7<br>F8<br>F9 | 592x592x292 | FW : Without<br>FC2: On 2 Edge Sides<br>FC8: On 8 Edge Sides | W: Without<br>P: Continuous Pu Foam<br>PP: Pu Foam on Both Sides<br>E: EPDM<br>EE: EPDM Flat On Both Sides |

