



F Series Filters with ERI - Ingersoll Rand

* Capacity Range (Cast): 17-1,250 scfm (.58 -; 35.4 m3/min) *Capacity Range (Fab): 1,800-13,200 scfm (50 -; 373 m3/min) *Filtration Grades: General purpose, high efficiency, dust particulate, activated carbon *ISO Class 1 & 2 *Maximum Operating Pressure (Cast): 232 psig (16 barg) *Maximum Operating Pressure (Fab): 150 psig (10 barg) *Maximum Operating Temperature (Grades P, G, H): 150 °F (66 °C) *Maximum Operating Temperature (Grade A): 86 °F (30 °C)

Features

- **Reduced energy costs:** Element Replacement Indicator (ERI) stays lit continuously when it is time to replace the filter element, minimizing energy loss from reduced pressure drop
- **No-Hassle, No-Touch Element Change:** Unique zero-clearance design with safety lock enables user to remove the filter's bottom half and dispose the old element, never touching the element itself
- **Wide variety of filter types:** Filters are available for a variety of applications, including dust filters, general purpose filters, coalescing filters and activated carbon filters
- **Environmentally Friendly:** Delivers air quality in accordance with ISO 8573.1: 2001 when tested with the stringent requirements of the new ISO 12500-1 international standard for Compressed Air Filter Testing
- **Efficient Operation:** Reduced turbulence design, a high-efficiency drainage layer and deep-pleated filtering media improve filter operation



Model Specifications

| Model | Flow Rate m ³ /min (scfm) | Drain Port in | Weight kg |
|---------|--------------------------------------|---------------|---------------|
| F35I | 0.58 (21) | 1/2 " FLG | 1 (2.2) |
| F71I | 1.18 (42) | 3/4 " FLG | 1 (2.2) |
| F108I | 1.80 (64) | 3/4" FLG | 1 (2.2) |
| F144I | 2.40 (85) | 1" FLG | 2 (4.4) |
| F178I | 2.97 (105) | 1" FLG | 2 (4.4) |
| F212I | 3.53 (125) | 1" FLG | 2 (4.4) |
| F395I | 6.58 (233) | 1 1/2" FLG | 3 (6.6) |
| F424I | 7.07 (250) | 1 1/2" FLG | 3 (6.6) |
| F577I | 9.62 (339) | 2" FLG | 6 (13.2) |
| F791I | 13.18 (466) | 2" FLG | 6 (13.2) |
| F985I | 16.42 (580) | 2" FLG | 6 (13.2) |
| F1155I | 19.25 (680) | 3" FLG | 12 (26.5) |
| F1529I | 25.48 (900) | 3" FLG | 14 (30.9) |
| F1817I | 30.28 (1,070) | 3" FLG | 16 (35.3) |
| F2124I | 35.40 (1,250) | 3" FLG | 18 (39.7) |
| F2378I | 39.63 (1,400) | 3" FLG | 18 (39.7) |
| F770I | 12.8 (450) | DN 50 | 8 (17.6) |
| F1320I | 22.0 (780) | DN 65 | 11 (24.3) |
| F2100I | 35.0 (1,235) | DN 80 | 16 (35.3) |
| F2800I | 46.0 (1,620) | DN 100 | 125 (275.6) |
| F5700I | 70.0 (2,800) | DN 125 | 196 (432.1) |
| F7500I | 95.0 (3,300) | DN 150 | 210 (463.0) |
| F7500I | 125.0 (4,400) | DN 150 | 264 (582.0) |
| F9300I | 155.0 (5,400) | DN 150 | 314 (692.3) |
| F11000I | 185.0 (6,500) | DN 200 | 320 (705.5) |
| F14200I | 240.0 (8,400) | DN 200 | 530 (1168.4) |
| F19900I | 330.0 (11,600) | DN 250 | 670 (1477.1) |
| F31000I | 520.0 (18,400) | DN 300 | 1083 (2387.6) |



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