

HIGH EFFICIENCY FILTER-REGULATOR FOR COMPRESSED AIR

HEFR Series



- High Efficiency Filtration to 0.01 µm
- Removes Oil, Water and Particles from Compressed Air
- Excellent Flow and Regulation Characteristics
- ¼ PTF Inlet/Outlet Ports
- Maximum Outlet Pressure 7 bar (100 psig)
- Transparent Polycarbonate Bowl with Manual Drain

The HEFR Series high efficiency air filter-regulator will remove liquid and solid contaminants down to 0.01 µm. These air filter/pressure regulators are designed for in-line use as a single regulating filtering source for compressed air. They include ¼" PTF inlet and outlet threads, a transparent bowl, relieving diaphragm, and a gauge. Two adjustable pressure range models are available, 0.3 to 7 bar (5 to 100 psig) and 0.1 to 0.7 bar (1 to 10 psig). They are suitable for a wide range of pneumatic tools and components and an excellent point of use filter/regulator. These units come with a wall mounting bracket or can be panel mounted with a 30 mm (1.19") diameter mounting hole.



HEFR-100M, high efficiency filter-regulator for compressed air. Shown smaller than actual size.

SPECIFICATIONS

Dimensions: 214 H x 97.8 W x 73.2 mm D (8.41 x 3.85 x 2.88")

Fluid: Compressed air

Maximum Inlet Pressure: 10 bar (150 psig)

Maximum Outlet Pressure: 7 bar (100 psig)

Operating Temperature: -34 to 50°C (-30 to 125°F)

Note: Air supply must be dry enough to avoid ice formation at temperatures below 2°C (35°F)

Maximum Flow: 178 l/min (6.3 scfm)

Filtration: Water, oil and particulate to 0.01 µm

Ports: ¼ PTF inlet/outlet, ½ FPT gauge, ½ MPT drain

Bowl Size: 31 ml (1 fluid oz)

MATERIALS

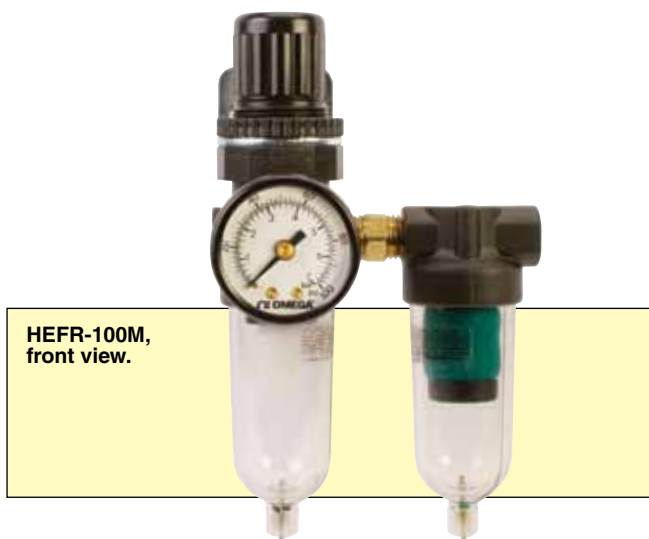
Body: Zinc

Bonnet: Acetal

Bowl: Polycarbonate Brass/Nitrile

Filters: Synthetic fiber and polyurethane, sintered polypropylene

Elastomers: Neoprene and Nitrile, comes with wall bracket and gauge



HEFR-100M, front view.

To Order

MODEL NO.	DESCRIPTION
HEFR-100M	High efficiency filter regulator with manual drain, regulated pressure range 0.3 to 7 bar (5 to 100 psig)
HEFR-10M	High efficiency filter regulator with automatic drain, regulated pressure range 0.1 to 0.7 bar (1 to 10 psig)

Comes complete with operator's manual, wall bracket and gauge.

Ordering Examples: HEFR-100M, high efficiency filter regulator with manual drain, regulated pressure range 0.3 to 7 bar (5 to 100 psig).

HEFR-10M, high efficiency filter regulator with automatic drain, regulated pressure range 0.1 to 0.7 bar (1 to 10 psig).