

2 Technical Data

2.1 Mist filters

Dimensions

MF30	see Figure 3
MF100/MF100AE	see Figure 4
MF300/MF300AE	see Figure 5

Mass

MF30	1.3 kg
MF100/MF100AE	12 kg
MF300/MF300AE	28 kg

Filter material

MF30/MF100/MF300	Epoxy impregnated glass-fibre
MF100AE/MF300AE	Stainless steel mesh

Number of filter elements

MF30	1
MF100/MF100AE	2
MF300/MF300AE	4

Inlet and outlet ports

	Inlet	Outlet
MF30	NW25	NW25
MF100/MF100AE	NW25	1 inch BSP
MF300/MF300AE	ISO40	ISO40

Ambient temperature range (operation)

0 to 40 °C

Ambient temperature range (storage)

0 to 40 °C

Rated flow

MF30	30 m ³ h ⁻¹
MF80	80 m ³ h ⁻¹
MF300	275 m ³ h ⁻¹

Relief pressure

0.35 bar, 3.5 x 10⁴ Pa

For use with Edwards rotary pumps

MF30	E2M28
MF100/MF100AE	E1M40, E1M80, E2M40, E2M80 and Superpumps
MF300/MF300AE	E1M175, E1M275, E2M175, E2M275

Leak-tightness (MF100AE/MF300AE)

1 x 10⁻⁴ mbar.l.s⁻¹, 1 x 10⁻² Pa.l.s⁻¹