

# F6 mist eliminator

250 to 5000 scfm



Exceptional performance, reliability and durability with a low operating cost are all essential in a compressed air system. The nano F<sup>6</sup> MEL range of mist eliminators delivers all this and more. With a typical service life of over 10 years and an initial pressure drop of less than 0.5 psig, nano's MEL range provides the most economic value on the market for general purpose protection.

filter model	replacement element	inlet & outlet	rated flow <sup>(1)</sup>		dimensions (inches)			approx. weight
	part no.		NPT	scfm	Nm <sup>3</sup> /h	A	B	C
MEL 0250	E 0250	2"	250	425	54	20	15.5	336
MEL 0500	E 0500	3"	500	850	61	20	22	359
MEL 1000	E 1500	3"	1000	1699	69	28	22.5	620
MEL 1250	E 1500	3" Flg	1250	2124	71	28	22.5	654
MEL 1500	E 1500	4" Flg	1500	2549	71	28	22.5	662
MEL 3000	E 3000	4" Flg	3000	5097	84	36	29.5	1161
MEL 5000	E 5000	6" Flg	5000	8495	90	42	29.5	2378

### specifications

recommended operating temperature range	68 to 180°F
design operating temperature range	35 to 248°F
design operating pressure range	20 to 150 psig
initial differential pressure	less than 0.5 psig
recommended pressure differential for element change	1.0 psid
filtration performance	0.3 micron @ 99.97% efficiency
ISO air quality class (solids. water. oil)	ISO Class 2.7.3

### pressure correction factors

operating pressure (psig)	20	30	40	60	80	100	120	150
correction factor	0.35	0.44	0.54	0.70	0.84	1.00	1.10	1.25

- (1) at 100 psig. For all other pressures refer to the pressure correction factors above
- (2) for drain options, consult nano
- (3) interior powder epoxy coating available as option; MEL 0250 - MEL 0500: \$478 list adder; MEL 1000 - 1500: \$577 list adder; MEL 3000: \$669 list adder; MEL 5000: \$836 list adder
- (4) differential pressure gauge mounted and piped
- (5) zero air loss drain (shipped loose)
- (6) inlet at bottom, outlet at top

