



Oil Mist Eliminator Compressed Air Filters 'MEL series'

Extra protection compressed air quality from piston or oil flooded air compressors/oil separator failure. Designed to provided the excellent filtration and low pressure drop of 0.5 to 1 psid.

Features of our product

LONG LIFE SERVICE

LOW PRESSURE DROP

CAPTURES LARGE SLUGS OF OIL

PROTECTS DOWNSTREAM EQUIPMENT

Applications include

Air Separation
Chemical Processing
Petrochemical Processing
Refining
Iron and Steel Production
Cement and Dry Materials Processing
Automotive
Mining



Mist Eliminator Elements

A fiber bed design innovation is the addition of a second more coarse fiber layer on the downstream side. This additional layer expedites drainage and prevents reentrainment of the liquid back into the gas/air stream



- Removal of particles down to 0.01 micron including coalesced liquid water and oil providing a maximum remaining oil aerosol content of 0.01 ppm
- 5 years element warranty
- Extended element life 10 years in normal use

Mist eliminator filter | MEL

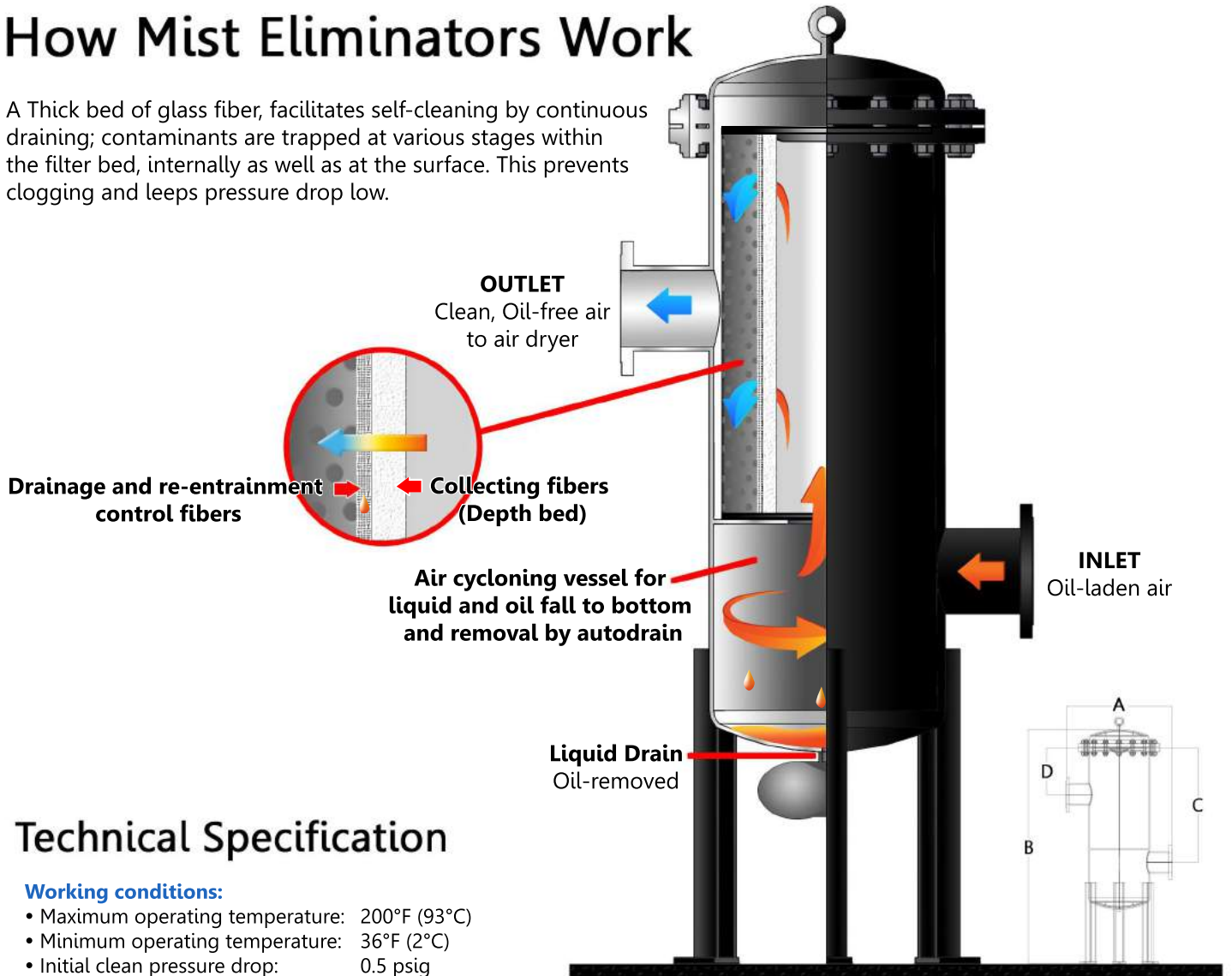


PNEUMAX.CO.,LTD

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How Mist Eliminators Work

A Thick bed of glass fiber, facilitates self-cleaning by continuous draining; contaminants are trapped at various stages within the filter bed, internally as well as at the surface. This prevents clogging and keeps pressure drop low.



Technical Specification

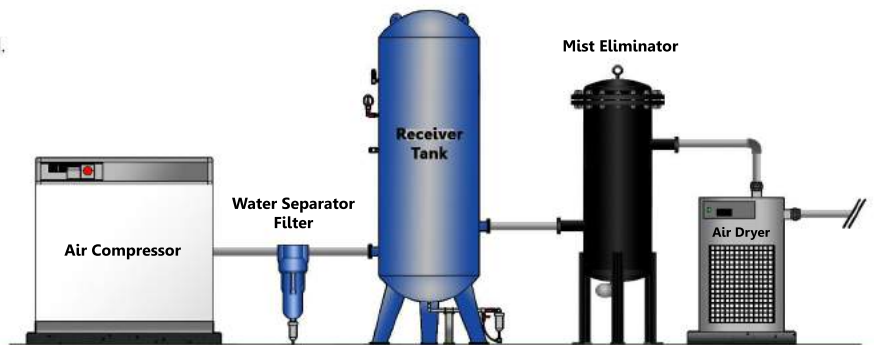
Working conditions:

- Maximum operating temperature: 200°F (93°C)
- Minimum operating temperature: 36°F (2°C)
- Initial clean pressure drop: 0.5 psig

Model	Connections	Flow-Rate			Dimensions (mm)				Pressure (bar max)	Element
	Ø	L/min	m ³ /h	SCFM	A	B	C	D		Model
MEL0150	2" FLG	4,250	255	150	500	1,060	430	170	14	EM0150
MEL0300	2" FLG	8,500	510	300	500	1,160	530	170	14	EM0300
MEL0600	2" FLG	17,000	1,020	600	500	1,520	840	170	14	EM0600
MEL0800	3" FLG	22,650	1,359	800	500	1,705	1,010	250	14	EM0800
MEL1200	3" FLG	34,000	2,040	1,200	600	1,605	910	250	14	EM1200
MEL1600	3" FLG	45,300	2,718	1,600	600	1,705	1,010	250	14	EM1600
MEL2100	4" FLG	59,500	3,570	2,100	700	1,670	910	300	14	EM2100
MEL2750	4" FLG	77,900	4,674	2,750	700	1,770	1,010	300	14	EM2750
MEL4200	6" FLG	119,000	7,140	4,200	800	1,755	860	350	14	EM4200
MEL6000	6" FLG	170,000	10,200	6,000	800	2,005	1,110	350	14	EM6000

Technical notes

- 1) Pipe differential pressure gauge (PG02) fitted as standard.
- 2) External float drain (HAD30B) fitted as standard.
- 3) Filter element change out differential 2.5 psid.



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