



PRODUCTS INFORMATION

MEZ MIST ELIMINATORS

Exceptional performance, reliability and durability with a low operating cost are all essential in a compressed air system. The Mattei MEZ range of mist eliminators delivers all of this and more.

- Achieves same high efficiency filtration as conventional downstream coalescing and particulate filters
- Service life of over 10 years with initial pressure drop of less than 0.5 psig
- Typically located after oil lubricated compressor, MEZ provides optimum protection in the result of a catastrophic failure of compressor's air/oil separator
- Energy efficient units are utility rebate-friendly

FEATURES OF MATTEI MEZ MIST ELIMINATORS

- Zero air loss drain (shipped loose)
- Heavy duty pressure vessel built in accordance with latest edition of section VIII Div 1 ASME Code
- Long service life of 10 + years
- External powder coated as standard; optional interior powder epoxy coating for corrosive environments
- Pleated glass fiber coalescing media is 99.97% efficient with particle removal down to 0.3 micron including coalesced liquid water and oil
- Pleated media has a far greater surface area for filtration, providing lower pressure drop when compared to a conventional wrapped element
- Serviceability without inlet & outlet pipe disruption
- Automatic drain vent ports and safety valve port included as standard



FEATURES



**DOUBLE REINFORCED
ELEMENT DESIGN
WITH CORROSION
PROTECTION**



DPG AS STANDARD

MEZ MIST ELIMINATORS

MODEL	CAPACITY ⁽¹⁾	CONNECTION SIZE	DIMENSIONS (ins)			APPROX WEIGHT	REPLACEMENT ELEMENT
			A	B	C		part no
MEZ 0250	250	2"	54	20	15.5	336	RE0250MEZ
MEZ 0500	500	3"	61	20	22	359	RE0500MEZ
MEZ 1000	1000	3"	69	28	22.5	620	RE1500MEZ
MEZ 1250	1250	3" Flg	71	28	22.5	654	RE1500MEZ
MEZ 1500	1500	4" Flg	71	28	22.5	662	RE1500MEZ
MEZ 3000	3000	4" Flg	84	36	29.5	1161	RE3000MEZ
MEZ 5000	5000	4" Flg	90	42	29.5	2378	RE5000MEZ

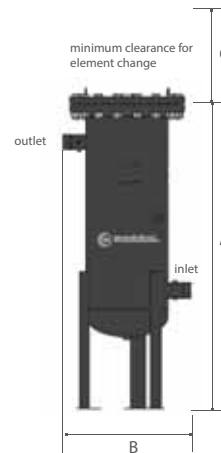
SPECIFICATIONS

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

CORRECTION FACTOR

psig	20	30	40	6	8	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 condensate drain options, consult Mattei. (3) Technical specifications subject to change without notice. Direct inquiries to info@matteicomp.com.



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