**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 separation
- 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
MEZ MIST ELIMINATORS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY scfm</th>
<th>CONNECTION SIZE</th>
<th>DIMENSIONS (ins)</th>
<th>APPROX WEIGHT lbs</th>
<th>REPLACEMENT ELEMENT part no</th>
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<tbody>
<tr>
<td>MEZ 0250</td>
<td>250</td>
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<td>60</td>
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<tr>
<td>MEZ 0500</td>
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<td>20</td>
<td>359</td>
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<tr>
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<td>4” Flg</td>
<td>71</td>
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<td>MEZ 1500</td>
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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**

<table>
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<tr>
<th>psig</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
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<tbody>
<tr>
<td>Factor</td>
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<td>0.44</td>
<td>0.54</td>
<td>0.70</td>
<td>0.84</td>
<td>1.00</td>
<td>1.10</td>
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</table>

(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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