Parker domnick hunter’s range of MIST-XL Mist Eliminators is the result of extensive research and development, and many years of experience in the design and manufacture of high efficiency compressed air treatment products.

Compressed air purification equipment must have a very low pressure drop, long service life and be strong enough to withstand the most arduous operating conditions. Protection from oil slugs or compressor air/oil separator failure is essential.

Parker domnick hunter’s range of MIST-XL Mist Eliminators is specifically designed to meet these demands and will optimize oil removal while ensuring extremely low pressure drop and long service life.

Contact Information:
Parker Hannifin Corporation
Purification, Dehydration and Filtration Division
New York, USA
T 716 685 4040 F 716 685 1010
Toll Free 1-800-451-6023

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T 704 921 9303 F 704 921 1960
Toll Free 1-800-345-8462

Ontario, Canada
T 905 693 3000 F 866 958 1306
Toll Free 1-888-342-2623

www.domnickhunter.com

Features:

- Internally epoxy painted (corrosion inhibitor package) - Available as option with no added lead time.
- Optimum protection against catastrophic air/oil separator failure by containing large slugs of oil and condensate, up to 50% of compressor sump capacity, without re-entrainment.
- Incremental differential pressure gauge supplied for field installation - (standard).
- Condensate drain options.
- Built per ASME Code (U or UM Stamp accordingly).

Benefits:

- Long service life of up to 10 years.
- Ultra low 0.5 psi d.
- Special machine pleated element construction.
- Provides 9-10 times greater filtration surface area.
- Eliminates migration of airflow to area of least resistance, also known as “preferential flow”.
- Strong stainless steel support sleeve construction.
- Eliminates rust and corrosion which can contaminate the system.
- Integral support of the filter media to eliminate bypass of contaminants.
- Tie-rod construction for complete mechanical protection against compressor air/oil separator failure.
Special machine pleated element construction

The machine pleating of the filter media increases its stability under changing loads and reduces the specific surface tension. This design results in a high load factor when compared to traditional hand packed media which is prone to inconsistent performance under varying load conditions. Also known as “preferential flow,” the airflow through media which is not consistently packed, can migrate to areas of least resistance over time as the element begins retaining dirt particles, allowing the filtration efficiency to be reduced. Utilizing a machine pleating process increases the flow and dirt holding capacity across the full area of the media, resulting in lower differential pressure and better energy savings from your compressed air system.

Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>scfm*</th>
<th>Pipe Size</th>
<th>Drain Connection</th>
<th>A</th>
<th>B</th>
<th>Weight (Approx.)</th>
<th>Replacement Element</th>
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<td>125</td>
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*Flow scfm @ 100 psi g (7 bar g) nominal

For flow rates at other pressures, apply the factor shown to the above flow rates:

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<th>line pressure (psi g)</th>
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<td>1.1</td>
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For more information on extended warranty and preventative maintenance contract availability, please contact your local Parker domnick hunter sales office or log on to www.domnickhunter.com

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