Moisture Management Systems remove water vapor from the compressed air stream. Water entering an abrasive blasting system causes wet abrasive, the leading cause of work site downtime. Wet abrasive reduces production rates by causing poor abrasive flow through the abrasive blasting system, resulting in excessive wear on equipment, increasing maintenance costs, and increasing abrasive consumption.

Blastmaster® Air Dryers removes up to 99% of the water present in compressed air by cooling the compressed air and then passing it through moisture absorbing desiccant tablets. Typical applications include blast rooms, blast yards, bridges, offshore platforms, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.
Each air dryer tank is filled with desiccant tablets, a chemical drying agent for deliquescent dryers. These dissolvable tablets are the most effective way to remove moisture from compressed air.

The coalescing tank is galvanized using a full-immersion, hot-dip process, completely covering the interior and exterior surfaces, providing extended protection against corrosion and rust.

The Blastmaster® Air Dryers includes a fork-pocket skid for increased mobility.
A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. A Blastmaster® Aftercoolers with Coalescing Tank remove up to 95% of moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include bridges, offshore platforms, oil refineries, pipelines, and shipyards. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.
The Blastmaster® 950 CFM Offshore Aftercooler with Coalescing Tank includes 45° overhead lifting lugs designed for use with 1” shackles, elevated 10” x 4” fork pockets, and a Drip Pan to catch tank discharge.
Moisture Management Systems remove water vapor from the compressed air stream. Water entering an abrasive blasting system causes wet abrasive, the leading cause of work site downtime. Wet abrasive reduces production rates by causing poor abrasive flow through the abrasive blasting system, resulting in excessive wear on equipment, increasing maintenance costs, and increasing abrasive consumption. A Blastmaster® Cart Mounted Aftercooler with Moisture Separator removes up to 95% of the water present in compressed air by cooling the compressed air. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.
### BLASTMASTER® CART MOUNTED AFTERCOOLER WITH MOISTURE SEPARATOR

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture Separator</td>
<td>ASME, 150 psi</td>
</tr>
<tr>
<td>Transfer Hose Assembly</td>
<td>Field-servicable</td>
</tr>
<tr>
<td>Motor</td>
<td>Pneumatic (4HP) or Electric (5HP)</td>
</tr>
<tr>
<td>Aftercooler Core</td>
<td>Corrosion-resistant aluminum.</td>
</tr>
<tr>
<td>Inlet Port</td>
<td>1-1/2” NPT (400 CFM unit)</td>
</tr>
<tr>
<td></td>
<td>1-1/4” NPT (250 CFM unit)</td>
</tr>
<tr>
<td>Multiple NPT Outlet Ports</td>
<td>One 2”, four 1”</td>
</tr>
</tbody>
</table>

 Specifications are subject to change without notice.

The stainless steel demister pad inside the moisture separator provides a large surface area to collect moisture, removing it from the compressed air.

The Blastmaster® Cart Mounted Aftercoolers with Moisture Separator pneumatic model features an easily accessible pressure regulator, particulate and moisture filter, and lubricator, adjustable to regulate air and oil supplied to the fan, optimizing performance.

The Blastmaster® Cart Mounted Aftercoolers with Moisture Separator includes five outlet ports in two sizes, each equipped with an individual safety cable attachment ring for securing air hoses with safety cables.
A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. A Blastmaster® Cart Mounted Aftercooler removes up to 95% of moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.
The Blastmaster® Cart Mounted Aftercooler pneumatic model includes an easily accessible pressure regulator, particulate and moisture filter, and lubricator, all adjustable to regulate the volume of air and oil supplied to the fan, optimizing performance.

All Blastmaster cart mounted aftercoolers include an electrical control box as part of the standard electrical offering.
Blastmaster® 12-Volt DC Aftercooler

A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. The Blastmaster® 12-Volt DC Aftercooler removes moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.
**BLASTMASTER® 12-VOLT DC AFTERCOOLER**

<table>
<thead>
<tr>
<th>Specification</th>
<th>400 cfm</th>
<th>250 cfm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Source</strong></td>
<td>12-Volt DC</td>
<td></td>
</tr>
<tr>
<td><strong>CFM Rating</strong></td>
<td>400 or 250</td>
<td></td>
</tr>
<tr>
<td><strong>Power Cord</strong></td>
<td>25 feet with Battery Clamps</td>
<td></td>
</tr>
<tr>
<td><strong>Fan</strong></td>
<td>Electric power with aluminum core</td>
<td></td>
</tr>
<tr>
<td><strong>Inlet Port</strong></td>
<td>2&quot; NPT (400 CFM unit)</td>
<td>1-1/2&quot; NPT (250 CFM unit)</td>
</tr>
<tr>
<td><strong>Outlet Port</strong></td>
<td>2&quot; NPT (400 CFM unit)</td>
<td>1-1/2&quot; NPT (250 CFM unit)</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice.

The Blastmaster® 12-Volt DC Aftercoolers include a sturdy handle for ease of transport and a bracket for storing the 25 feet of 12-gauge electrical cord.

Blastmaster® 12-Volt DC Aftercoolers feature an aluminum core with an electric fan, providing increased air flow to accelerate cooling.

The Blastmaster® 12-Volt DC Aftercooler includes 25 feet of power cord with battery clamps.
Blastmaster® Large-Capacity Moisture Separators

A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. The Blastmaster® 800 and 1600 cfm Moisture Separator removes moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.
The stainless steel demister pad inside the Blastmaster® Moisture Separator provides a large surface area for moisture to be removed from the compressed air.

The mobile configurations include solid rubber tires that won’t lose air and a sturdy handle for easy mobility around the work site.

The mobile configurations of the Blastmaster® Moisture Separator included an ergonomic handle and 10” solid rubber tires for easy mobility around the job site.

<table>
<thead>
<tr>
<th><strong>BLASTMASTER® MOISTURE SEPARATOR</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Moisture Separator</strong></td>
</tr>
<tr>
<td><strong>Tires</strong></td>
</tr>
<tr>
<td><strong>Inlet Port</strong></td>
</tr>
<tr>
<td><strong>Outlet Ports (2-outlet)</strong></td>
</tr>
<tr>
<td><strong>Outlet Ports (6-outlet)</strong></td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice.
A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. The Extractor Moisture Separator removes excess moisture, oil, and other debris from compressed air before it enters the blast pot. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.

### BLASTMASTER® BLAST POT MOISTURE SEPARATORS

| Fittings          | Shut off valve  
<table>
<thead>
<tr>
<th></th>
<th>2- or 4-lug air hose fitting</th>
</tr>
</thead>
</table>
| Sizes             | 1" inlet x 1-1/4" outlet  
|                  | 1-1/4" inlet x 1-1/4" outlet (small body)  
|                  | 1-1/4" inlet x 1-1/4" outlet (large body)  
|                  | 1-1/2" inlet x 1-1/4" outlet |
| Drain             | Brass drain valve |
| Finish            | Black powder-coat |

Specifications are subject to change without notice.
Optional Accessories

Airflow Shutoff Kits

Pipe Plugs

Coupled Air Hose

Whipcheck Safety Cables
GLOBAL HEADQUARTERS
• 3425 East Locust Street
  Davenport, IA 52803

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fax: 563.324.6258

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