PHOENIX™

XE SERIES Membrane Oil Dehydrators and Purifiers for Hazardous Duty Locations

PHX-C4XE-AC2G

REMOVES FROM OIL
Free Water
Emulsified Water
Dissolved Water
Dissolved Gases
Particulate

APPLICATIONS
Gearboxes
Lube Systems
Hydraulic Systems
Offline Transformers

INDUSTRIES SERVED
Refineries
Gas Plants
Chemical Plants
Oil and Gas Platforms
Coke Plants

OPERATIONAL DETAILS
Oil Flow: Simple Steady State
Water Removal: Membrane Vacuum Dehydration
Fluid Pump: 110 or 220V s-phase class 1 group C&D
Vacuum Pump: Maint Free 110/220V s-phase class 1 group C&D
Filtration: 8 micron or less
Viscosity range: 32 - 3000 cSt (model dependent)
Available flow ranges: 1 - 8 gpm
Recommended Reservoir Sizes: 2-2000 gallons (model dependent)
Water Removal: 100% Free, 100% Emulsified, Dissolved<50 ppm
Particulate Removal: ISO cleanliness less than 15/13/12

PHX-C4X Installed at an Oil Refinery

MSC FILTRATION TECHNOLOGIES
Simple Safe Reliable Efficient
### Table 1: Type/Flow

<table>
<thead>
<tr>
<th>Type</th>
<th>Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXE</td>
<td>1 gpm System</td>
</tr>
<tr>
<td>C4XE</td>
<td>4 gpm System</td>
</tr>
<tr>
<td>C8XE</td>
<td>8 gpm System</td>
</tr>
</tbody>
</table>

*Note: C8 is only rated for 32 weight oils or lower.*

### Table 2: Voltage

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>110 V Single Phase 60HZ</td>
</tr>
<tr>
<td>B</td>
<td>220 V Single Phase 50HZ</td>
</tr>
</tbody>
</table>

*Note: Unit is not supplied with haz duty electrical plug or cord which is customers responsibility to wire to supplied on/off switch.*

### Table 3: Filter

<table>
<thead>
<tr>
<th>Type</th>
<th>Filter Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>8 Micron Blue Spin On Filter (Standard)</td>
</tr>
<tr>
<td>E</td>
<td>20&quot; 7 Micron Cap Service Filter and Filter Cartridge</td>
</tr>
<tr>
<td>F</td>
<td>20&quot; 7 Micron High Capacity Cap Service Filter</td>
</tr>
</tbody>
</table>

### Table 4: Oil Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Oil Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Mineral Oil/Synthetics/EAL - No Phosphate Ester</td>
</tr>
<tr>
<td>H</td>
<td>Phosphate Ester and Mineral/Synthetic/EAL</td>
</tr>
</tbody>
</table>

### Table 5: Mounting

<table>
<thead>
<tr>
<th>Type</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>Portable Carts with Wheels</td>
</tr>
<tr>
<td>1</td>
<td>Permanent Install - Wheels Removed Bolt Down</td>
</tr>
</tbody>
</table>

### Specifications

**Dimensions**
- CX - W19" X D20" X H50"
- C4 & C8 - W28" X D24" X H50"

**Weights**
- CX - 180 LBS
- C4 & C8 - 240 LBS

**Connections**
- CX - 3/4" MJIC
- C4 & C8 - 1" MJIC

**Paint**
- POWDER COATED

**Electric**
- CLASS 1 GROUP C&D

**Max Oil Temp**
- 190F

**Min Ambient**
- 33F

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Innovation and Reliability taken to Extreme!