## AS500B-ST12-DD Multiplex Scroll Air System

<table>
<thead>
<tr>
<th>Configuration:</th>
<th>Twelve-oplex Stack Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Capacity:</td>
<td>179 SCFM @ 50 PSIG</td>
</tr>
<tr>
<td>Capacity per Pump:</td>
<td>16.3 SCFM @ 50 PSIG</td>
</tr>
<tr>
<td>Motor Horsepower:</td>
<td>5 HP</td>
</tr>
<tr>
<td>Total System Horsepower</td>
<td>60 HP</td>
</tr>
<tr>
<td>Receiver Size:</td>
<td>240 Gallons</td>
</tr>
<tr>
<td>Available Voltage:</td>
<td>208/230/460 3 phase</td>
</tr>
<tr>
<td></td>
<td>Contact Factory for Other Voltages</td>
</tr>
</tbody>
</table>

**Note:** System capacity is stated with one pump in reserve

### Compressor Module:
- Belt driven oil-less scroll compressor
- Pressures up to 115 psi
- Externally lubricated bearings
- Each module includes inlet filter, isolation valve, aftercooler, relief valve and temperature switch

### Air Receiver:
- Constructed to ASME standards
- Coated for corrosion resistance
- Equipped with 3 valve bypass
- ASME pressure relief valve
- Pressure gauge & automatic drain
- Source isolation valve
- Flex connectors & mounting pads included

### System Controls:
- Underwriters Laboratories listed
- Nema 12 enclosure
- Safety disconnect handles
- Fuseless design
- HMI (human machine interface system)
- NFPA required local alarms/remote monitoring

### Air Treatment Module:
- Dual heatless desiccant dryers
- Dew Point & CO monitoring devices with local alarm and dry contacts for remote monitoring
- Dew Point dependent switching for minimal air loss
- Dual filtration systems removes liquids and particulates
- Automatic drain, line pressure regulator, final pressure relief valve