Specifications

Instrumentation
- Front display high pressure gauge
- Front display low pressure gauge
- Front display hour meter

Interlock Functions
- Compressor over-temperature sensor
- Helium under-pressure sensor

Status Lights:
- Front display POWER ON
- Front display RUN
- Front display OVERTEMPERATURE

Compressor
- Scroll type for Helium service
- Sealed motor
- Oil lubricated and cooled

Operating Noise Level
- 62-65 db at 10 ft.

Power Switching
- Integral magnetic contactor

Electrical Access
- Top Panel

Coolant
- Water 1.5 gpm at 77°F

Weight
- 244 lbs.

Dimensions
- 26" H x 19" W x 24" D

Casters
- Included

Services
- Helium gas charge/vent valve with ½” Aeroquip fitting
- Oil charge/drain valve with ¼” Aeroquip
- Module interconnections with VCO O-ring face-seal fittings
- Removable panels (sides, top, front)
- Top electrical access panel

Electrical Power Requirement
- 2.5 kW, 208/240 V, 1 phase, 50/60 Hz, 15 amps

Heat Exchange
- Separate counter-flow water-cooled heat exchangers for helium and oil

Remote Operation
- 208V1 phase standard
- 110V1 phase optional
- 24V DC optional

<table>
<thead>
<tr>
<th>Static Helium Pressure</th>
<th>Ambient Temperature Operating Range</th>
<th>Ambient Storage Temperature</th>
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</thead>
<tbody>
<tr>
<td>210 ± 5 psig at 70°F (21°C)</td>
<td>50°F to 100°F (10°C to 38°C)</td>
<td>Above 40°F (4.44°C)</td>
</tr>
</tbody>
</table>

Coolant in
- ¼” NPT MALE

Coolant out
- ¼” NPT MALE

Main power cable
- 10 ft. (3m) pigtail

Remote start/stop connector
- 8 pin twist lock

Expander power connector
- 4 pin twist lock

Helium out
- ½” Aeroquip self-sealing fitting

Helium in
- ½” Aeroquip self-sealing fitting

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Compressor

CBST 3.0
Water-Cooled Scroll Compressor

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