Faster Speed of Pressurization
• Chiller water is cycled at up to 20-gpm through a vessel holding two 15kW heating elements.

Easy to Use
• Microprocessor Controls display step-by-step operating instructions upon start up.
• When the selected pressure level has been reached, the pump shuts down. However, should pressure begin to drop, the unit automatically re-energizes to maintain desired pressure.
• Dual 230/460VAC available for greater flexibility.

Safeguards Protect Refrigerant & Components
• Solid state pressure transducer monitors chiller pressure and prevents overpressurization.
• Temperature sensors protect heating elements from thermal overload and burnout.
• Dry contacts available for visual or audible alarms and RS232-C interface is available for input into building management systems.

Portable & Permanent Mount Models Available
• Handy portable service model easily wheels around tight mechanical rooms.
• Permanent mount unit is hard piped to a chiller, maintains the chiller at slightly positive pressure during seasonal shutdown.

Pressurize Chillers Faster with 30kW Heating Capacity while Avoiding the Hassles of Heating Element Burnout.

Other Refrigerant Handling Products from Carrier:
TotalVac
HandiVac
MityVac
Allvac
Evac Commercial
Lovac
EnviroPurge
MiniPurge
EnviroPump
Microprocessor Controlled Unit Offers Easy Operation and Multiple Safeguards.

The HyperWatt heats chiller water to increase and maintain internal chiller pressure for leak testing and other service procedures or for extended periods of shutdown. The unit consists of a liquid pump, heat transfer vessel, dual 15kW heating elements, microprocessor controls, solid state temperature sensors, a pressure transducer and a liquid prism switch.

After hoses are connected and valves are opened, chiller evaporator water is drawn through the liquid pump and forced through the heat exchange vessel where it contacts two 15kW heating elements. Chiller water gains heat and travels back to the chiller evaporator tube bundle, which in turn heats refrigerant and raises chiller pressure.

The microprocessor receives data from temperature sensors on the inlet line and the return line, as well as a pressure transducer connected to the chiller evaporator via a 1/4" hose. When refrigerant is heated to a point that generates the desired pressure, the unit stops heating water and continues to monitor the chiller's evaporator pressure. HyperWatt will re-energize to maintain pressure whenever the pressure transducer reads a 1/2-psi drop below the set point. The unit incorporates various safeties to protect against overheating, over pressurization, and thermal damage to the heating elements.

For greater flexibility, dual 230/460VAC models are available. However, using 230VAC decreases heating capacity from 30Kw to 15Kw.

### SPECIFICATIONS

**Dimensions (L x W x H)**
20" x 22" x 51"

**Weight**
100 lbs.

**Power: Heater**
460/480 VAC, 50/60-Hz, 3-Phase, 40-Amperes
575VAC, 60 Hz, 3-Phase, 40-Amperes
Dual voltage 230/460 available

**Power: Controls & Water Pump**
120 VAC, 50/60-Hz, 1-Phase, 15-Amperes

**Pressure Settings**
0 to 10-psi

### PART NUMBERS

<table>
<thead>
<tr>
<th>HyperWatt.................</th>
<th>HPS</th>
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<tbody>
<tr>
<td>Service Cart................</td>
<td>C</td>
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<tr>
<td>Permanent Mount Unit......</td>
<td>P</td>
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<tr>
<td>230/460VAC, 60Hz............</td>
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<tr>
<td>575 VAC, 60 Hz..............</td>
<td>575</td>
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<tr>
<td>3φ...................................</td>
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Included with purchase of the **service cart** model are:
- 2ea. 10-ft water hoses with standard connections
- One 100-ft power cord for controls & pump
- One 50-ft power cord for heater
- One 25-ft pressure transducer & cable.