CL44eN-BAS ELECTRIC
High Temperature Rack Conveyor Dishwashing Machine

SPECIFIER STATEMENT
Specified dishwasher will be Hobart CL44eN Base electric tank heat model with Opti-Rinse™. Includes insulated ergonomic cabinet style doors, dirty water indicator, configurable “intelligent” de-lime notification, top mounted computer controls, and NSF approved pot and pan cycle mode. The wash tank utilizes durable precision pressure sensor monitors in lieu of conventional mechanical floats. The 19.5” standard chamber height will accommodate up to (6) standard sheet pans at a time on an open-end sheet pan rack.

STANDARD FEATURES
+ 202 racks per hour
+ Opti-Rinse™ system
+ Rapid return conveyor drive mechanism
+ Large double door opening for ease of cleaning
+ Doors are insulated & hinged with door interlock switches
+ 19.5” chamber height opening (accepts sheet pans)
+ Top mounted micro-processor control module
+ Energy saver mode (programmable auto-shut down)
+ Dirty water indicator
+ Manager activated low temperature alert
+ NSF rated configurable pot and pan dwell mode
+ Configurable “intelligent” delime notification
+ Service diagnostics
+ Self-aligning wash manifolds
+ Stainless steel anti-clogging wash arms
+ Removable pump intake screen
+ Stainless steel self-draining pump and impeller
+ Single, sloping scrap screen and deep scrap basket
+ Stainless panels enclose perimeter and bottom
+ Door actuated drain closure
+ Convertible hot water or low temp final rinse
+ Vent fan control
+ Booster heater control
+ ENERGY STAR® Certified

OPTIONS & ACCESSORIES (Available at extra cost)
- Standard, short and extended stainless steel vent hoods
- Internal stainless steel pressure-less 30 kW booster heater field convertible to 15 kW (booster includes PRV)
- Direct drive unloader – adds 38” length. Reference spec F39520 for more details
- Side loader – SL23 adds 23” length, SL30 adds 30” length. Reference specs F40926 and F40927 for more details
- Blower-dryer – adds 33 1⁄4” to length. Reference spec F40252 for more details (ships separate from dishmachine, contact Hobart Service for installation)
- Drain water tempering kit (field installed)
- Flanged feet kit (requires two kits)
- Higher than standard chamber (24” opening)
- Table limit switch
- Correctional package (contact Hobart for details)
- Pressure regulator valve (PRV), for use with external booster
- Water shock absorber kit
- Factory-mounted circuit breakers (contact Hobart for details)
- Common electrical connection (see page 4)
CL44eN-BAS ELECTRIC
High Temperature Rack Conveyor
Dishwashing Machine

CAD and/or Revit Files Available

Top View Left to Right

Top View Right to Left

Front View Left to Right

Front View Right to Left

Suggested Track and Table Layout

View Showing Hole Locations in Turned Down Portion of Table
LEGENDE

**Electrical Connections**
- **E1** Motors, controls, and electric tank heat 1-1/4" or 2" conduit, 63-3/4" AFF.
- **E2** Internal electric booster 1-1/4" or 2" conduit, 63-3/4" AFF.

**NOTES:** Common electrical connection (single point) available, see page 4 for details.

**Plumbing Connections**
- **P1** Drain. May be drained to either side of valve, plug opposite side 2" FPT. Recommend a floor drain minimum of 12" from machine for access and maintenance. 7-3/8" AFF.
- **P2** Hot water. 1/2" FPT connection. 1/2", 11-3/16" AFF. See plumbing notes for required temperatures.
- **P3** Optional cold water connection for drain water tempering 1/2" FPT, cold water temperature 80°F, maximum 7-3/8" AFF.

**Vent Connections**
- **V1** Optional vent hoods, 4" x 16" vent stack with damper.

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### SPECIFICATIONS

**Capacities**
- Racks Per Hour (NSF rated) .................................................................................. 202
- Wash Tank (U.S. gallons) ...................................................................................... 23
- Conveyor Speed (feet per minute) ...................................................................... 5.6

**Motor Horsepower**
- Drive ............................................................................................................. 1/6
- Wash .............................................................................................................. 2

**Water Consumption**
- U.S. Gallons per Hour (maximum use at 20 PSI) ............................................. 126
- U.S. Gallons per Rack ......................................................................................... 0.62
- Peak Drain Flow (U.S. gallons per minute) ....................................................... 38

**Heating**
- Tank Heat, Electric (kW) .................................................................................. 15
- Optional Electric Booster (built-in) (kW for 40°F rise) .................................. 15
- Optional Electric Booster (built-in) (kW for 70°F rise) .................................. 30

**Venting**
- Load End (minimum CFM) .............................................................................. 200
- Unload End (minimum CFM) .......................................................................... 400

**Shipping Weight (approximate)** ................................................. 594 lbs.
- Crated Dimensions .................................................................................. 53"L x 38"W x 78"H

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**WARNING:** Plumbing and electrical connections should be made by qualified personnel who will observe all the applicable plumbing, sanitary, safety codes and National Electrical Code.

**Plumbing Notes:** Minimum incoming water temperatures: 110°F for 30kW internal booster, 140°F for 15kW field converted internal booster, 180°F without internal booster. Building flowing water pressure to dish machine is 20 PSI, (+/- 5 PSI). For non-booster machines, a PRV with internal expansion bypass is required.

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**Booster Heat 30 kW (Standard)**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rated Amps</th>
<th>Minimum Supply Circuit Ampacity</th>
<th>Maximum Protective Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>208/60/3</td>
<td>55.0</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>240/60/3</td>
<td>52.6</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>480/60/3</td>
<td>27.9</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>600/60/3</td>
<td>14.4</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

**NOTE:** Electric tank heat can be split from motors & controls, see page 4 for details.

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**Booster Heat 15 kW (Field Convertible)**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rated Amps</th>
<th>Minimum Supply Circuit Ampacity</th>
<th>Maximum Protective Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>208/60/3</td>
<td>45.0</td>
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<tr>
<td>240/60/3</td>
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<td>50</td>
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<tr>
<td>480/60/3</td>
<td>20.0</td>
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<td>25</td>
</tr>
<tr>
<td>600/60/3</td>
<td>33.7</td>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

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**CL44eN-BAS Electric Heat Dissipation**

<table>
<thead>
<tr>
<th>Booster</th>
<th>BTU/HR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latent</td>
<td>Sensible</td>
</tr>
<tr>
<td>Without Booster</td>
<td>14,700</td>
</tr>
<tr>
<td>15kW Booster</td>
<td>28,300</td>
</tr>
<tr>
<td>30kW Booster</td>
<td>41,800</td>
</tr>
</tbody>
</table>
**COMMON ELECTRICAL CONNECTION (SINGLE POINT) – CONTACT FACTORY FOR ADDITIONAL INFORMATION**

Common Electrical Connection  
( Includes Motors & Controls, Electric Tank Heat, & Electric Booster Heater)

<table>
<thead>
<tr>
<th>Voltage</th>
<th>MACHINE AND 15kW BOOSTER</th>
<th>MACHINE AND 30kW BOOSTER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rated Amps</td>
<td>Minimum Supply Circuit Ampacity</td>
<td>Maximum Protective Device</td>
</tr>
<tr>
<td>208/60/3</td>
<td>100</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>240/60/3</td>
<td>92.7</td>
<td>110</td>
<td>110</td>
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<tr>
<td>480/60/3</td>
<td>47.9</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>600/60/3</td>
<td>27.9</td>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

**OPTIONAL SPLIT SERVICE CONNECTIONS**

At time of installation, service connections for motors, controls, and electric tank heat can be split as necessary for installation.

Separate Service Connection for Electric Heat

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rated Amps</th>
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<th>Maximum Protective Device</th>
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</tr>
<tr>
<td>600/60/3</td>
<td>14.4</td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

Separate Service Connection for Motors & Controls

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rated Amps</th>
<th>Minimum Supply Circuit Ampacity</th>
<th>Maximum Protective Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>208/60/3</td>
<td>10.0</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>240/60/3</td>
<td>9.7</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>480/60/3</td>
<td>6.4</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>600/60/3</td>
<td>5.9</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**VENT HOOD OPTIONS** (Adjustable, vent stack can be adjusted 1” to either side)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Short</th>
<th>Extended</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Standard Vent Hood" /></td>
<td><img src="image2" alt="Short Vent Hood" /></td>
<td><img src="image3" alt="Extended Vent Hood" /></td>
</tr>
</tbody>
</table>

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.