HOBART

Project _____

AIA # _____ SIS # _____

Item # _____ Quantity _____ C.S.I. Section 114000

COMMERCIAL DISHWASHERS

# CL44*e*N-BAS ELECTRIC

## High Temperature Rack Conveyor Dishwashing Machine

## 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-processer 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 and booster heater control
+ ENERGY STAR® Certified

## SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL44*e*N Base model with Opti-Rinse™ and computational fluid designed self-aligning wash manifolds. Includes insulated ergonomic cabinet style doors, 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.

## OPTIONS & ACCESSORIES (Available at extra cost)

- ❑ Standard, short and extended stainless steel vent hoods (see page 4 for details)
- ❑ Direct drive unloader – adds 38" length. Reference spec F39520 for more details
- ❑ Side loader – SL23 adds 23" length, SL30 adds 30" length. Reference spec F8066 for more details
- ❑ Blower-dryer – adds 33¼" to length. Reference spec F40252 for more details (ships separate from dishmachine, contact Hobart Service for installation)
- ❑ Drain water tempering kit (Drain water tempering kit comes standard on the Drain Water Energy Recovery and Advansys models)
- ❑ Flanged feet kit (requires two kits)
- ❑ Internal stainless steel pressure-less 30 kW booster heater field convertible to 15 kW
- ❑ Higher than standard chamber
- ❑ Table limit switch
- ❑ Correctional institution requirements (contact Hobart for details)
- ❑ PRV & water hammer kit
- ❑ Factory-mounted circuit breakers (contact Hobart for details)

Approved by _____ Date _____ Approved by _____ Date _____

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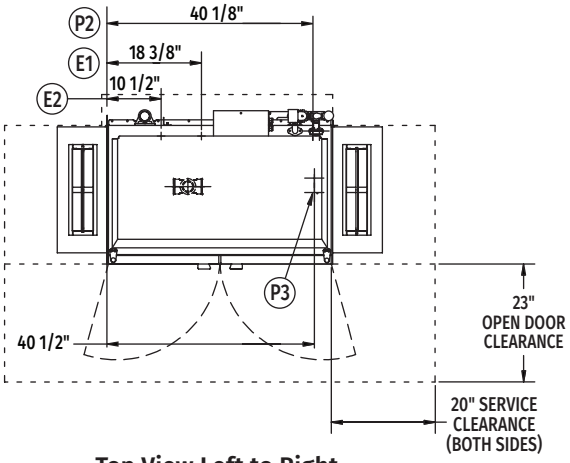
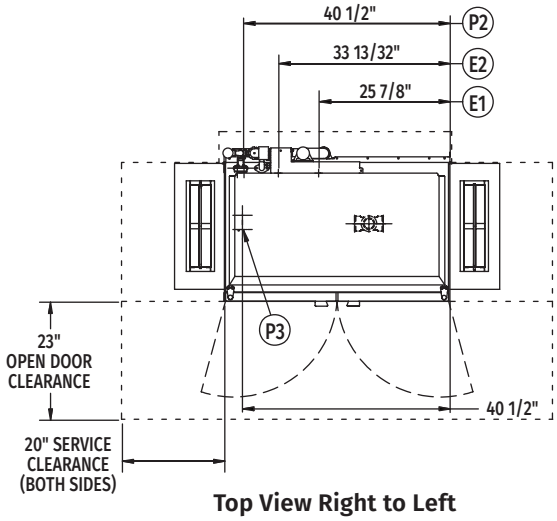
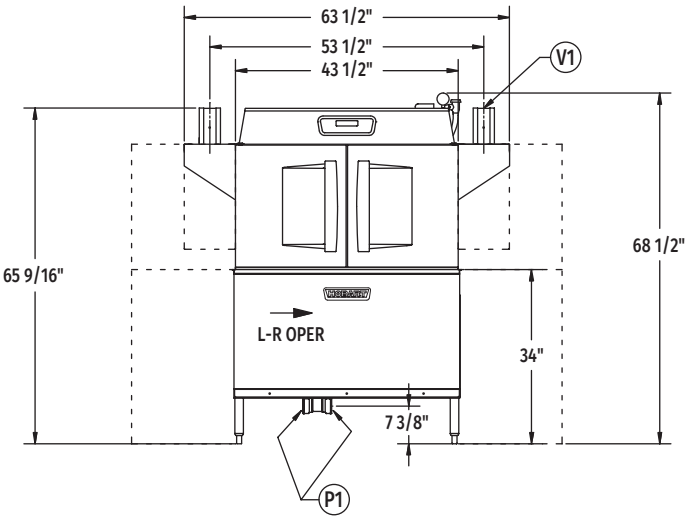
## High Temperature Rack Conveyor Dishwashing Machine



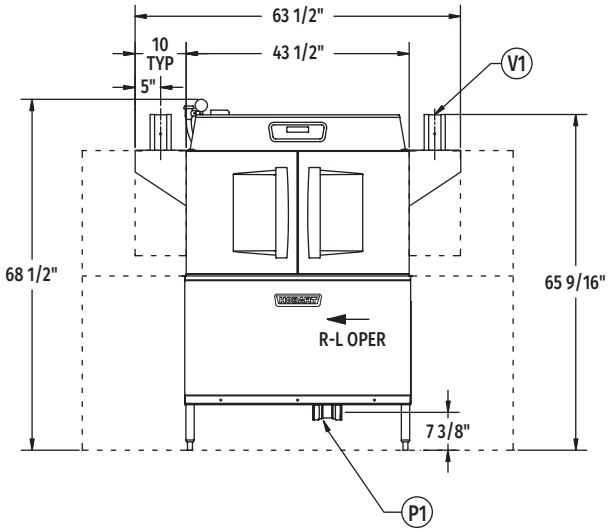

**Top View Left to Right**



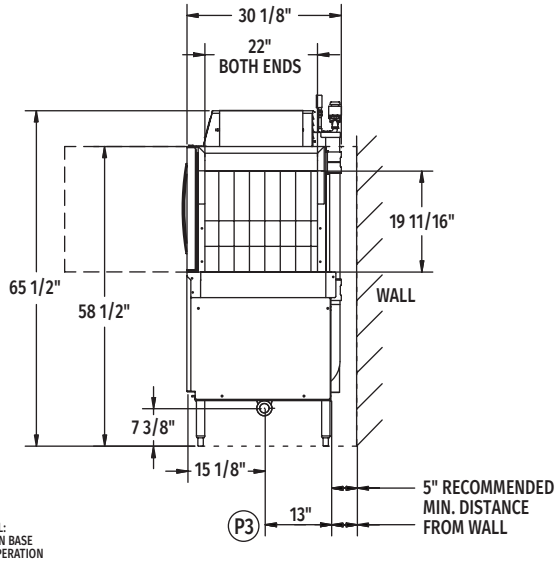

**Top View Right to Left**




**Front View Left to Right**

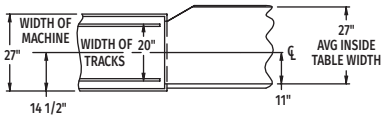



**Front View Right to Left**

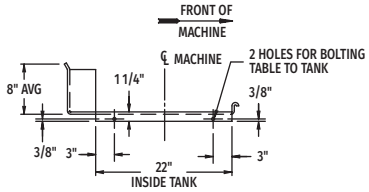



**Side View**

MODEL:
CL44eN BASE
L-R OPERATION
D-974801
REV B




**Suggested Track and Table Layout**




**View Showing Hole Locations in Turned Down Portion of Table**

MODEL:
CL44eN BASE
R-L OPERATION
D-974800
REV B



CAD and/or Revit Files Available

HOBART

# CL44eN-BAS ELECTRIC
## High Temperature Rack Conveyor Dishwashing Machine

## LEGEND

| Electrical Connections | |
|---|---|
| E1 | Motors, controls, and electric tank heat 1-1/4" or 2" conduit, 63-3/4" AFF. |
| E2 | Booster electrical connection 1-1/4" or 2" conduit, 63-3/4" AFF. |
| **NOTE:** 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. Hot water main 1/2", 11-3/16" AFF. |
| 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 | 4"x16" Optional vent hoods w/damper optional extended vent hoods w/damper. Load end vent connection – 200 CFM 0.25" S.P.; Unload end – 400 CFM 0.25" S.P. |

## SPECIFICATIONS

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

**Motor Horsepower**
- Drive . . . . . 1/8
- Wash . . . . . .2

**Water Consumption**
- U.S. Gallons per Hour (maximum use) . . . . . 126
- U.S. Gallons per Rack . . . . . .0.62

**Peak Drain Flow**
- U.S. Gallons per Minute . . . . . 38

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

| E1 | Electrical Connection (3 PH only) Motors, Controls and Electric Tank Heat | | |
|---|---|---|---|
| Voltage | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 55.0 | 70 | 70 |
| 240/60/3 | 52.6 | 70 | 70 |
| 480/60/3 | 27.9 | 40 | 40 |
| **NOTE:** Electric tank heat can be split from motors & controls, see page 4 for details. | | | |

| E2 | Booster Heat 30 kW (Standard) Minimum 110°F Incoming Water | | |
|---|---|---|---|
| Voltage | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 83.9 | 90 | 90 |
| 240/60/3 | 80.2 | 90 | 90 |
| 480/60/3 | 40.1 | 50 | 50 |

| E2 | Booster Heat 15 kW (Field Convertible) Minimum 140°F Incoming Water | | |
|---|---|---|---|
| Voltage | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 45.0 | 60 | 60 |
| 240/60/3 | 40.1 | 50 | 50 |
| 480/60/3 | 20.0 | 25 | 25 |

**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:** Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating values (PRVs) may be needed (Water PRV is standard on machines with booster). The PRVs can either be purchased from Hobart or obtained locally.

| CL44eN-BAS Electric Heat Dissipation | |
|---|---|
| BTU/HR. | |
| Latent | Sensible |
| 28,300 | 12,100 |
| **Note:** Additional heat dissipation information available on F40459. | |

# CL44eN-BAS ELECTRIC
## High Temperature Rack Conveyor Dishwashing Machine

## COMMON ELECTRICAL CONNECTION (SINGLE POINT) – CONTACT FACTORY FOR ADDITIONAL INFORMATION

| Common Electrical Connection (Includes Motors & Controls, Electric Tank Heat, & Electric Booster Heater) | | | | | | |
|---|---|---|---|---|---|---|
| Voltage | MACHINE AND 15kW BOOSTER | | | MACHINE AND 30kW BOOSTER | | |
| | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 100 | 110 | 110 | 138.9 | 175 | 175 |
| 240/60/3 | 92.7 | 110 | 110 | 132.8 | 150 | 150 |
| 480/60/3 | 47.9 | 60 | 60 | 68 | 90 | 90 |

## FIELD CONVERTIBLE SERVICE CONNECTIONS

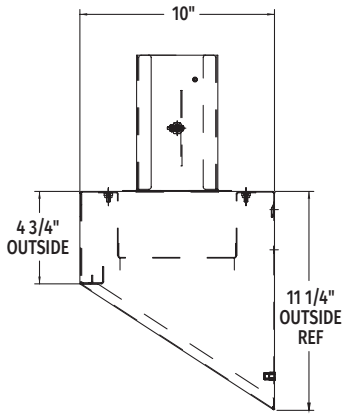
Service connections for motors, controls, and electric tank heat can be split as necessary for installation.

| Separate Service Connection for Electric Heat | | | |
|---|---|---|---|
| Voltage | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 45.0 | 60 | 60 |
| 240/60/3 | 43.0 | 60 | 60 |
| 480/60/3 | 22.0 | 30 | 30 |

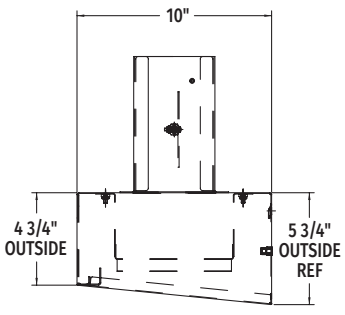
| Separate Service Connection for Motors & Controls | | | |
|---|---|---|---|
| Voltage | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Protective Device |
| 208/60/3 | 10.0 | 15 | 15 |
| 240/60/3 | 9.7 | 15 | 15 |
| 480/60/3 | 6.4 | 15 | 15 |

## VENT HOOD OPTIONS

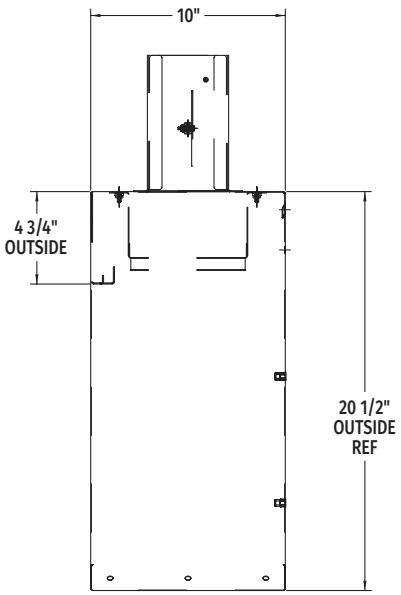
**Standard**




**Short**




**Extended**




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