Commercial Kitchen Equipment Parts

# HOBART CL44-BAS

## Hobart CL44-BAS Specification Sheet

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HOBART

Project _____

AIA #_____ SIS #_____

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

COMMERCIAL DISHWASHERS

CL SERIES – CL44-BAS STEAM

# CL44-BAS STEAM

## High Temperature Rack Conveyor Dishwashing Machine



## SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL44 Base steam tank heat model. Features include Complete Delime™ with Delime Notification, Auto Dispensing and Booster Guard™, capless anti-clogging wash arms, 202 racks per hour, 90 gallons per hour pumped final rinse, insulated ergonomic cabinet style doors, touchscreen controls with WiFi connectivity, and NSF approved (pending) pot and pan cycle mode. 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

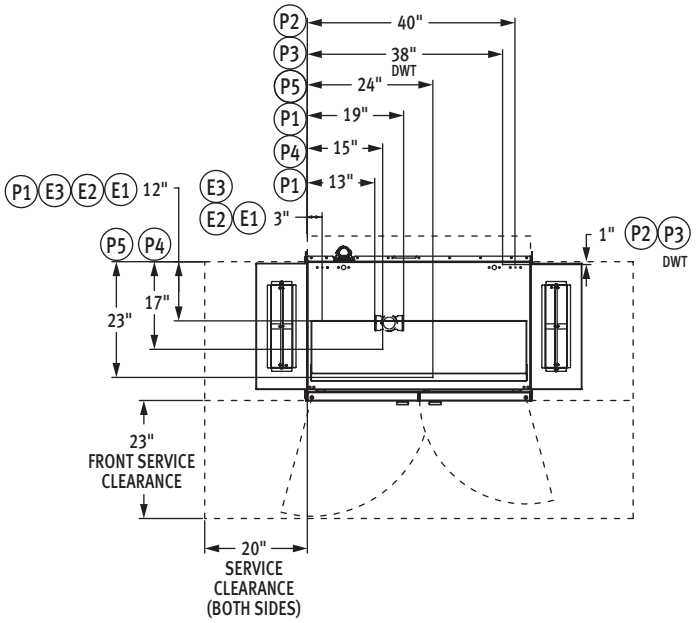
+ 90 gallons per hour pumped final rinse
+ 202 racks per hour
+ Complete Delime™ with Delime Notification, Auto Dispensing and Booster Guard™
+ Internal stainless steel pressure-less 18 kW booster heater (70°F rise)
  — Single point electrical connection standard
+ Capless, anti-clogging wash arms
+ Self-aligning wash manifolds
+ Large double door opening for ease of cleaning
+ 19.5" chamber height opening (accepts sheet pans)
+ Doors are insulated & hinged with door interlock switches
+ User-friendly smart touchscreen controls with diagnostics & troubleshooting
+ WiFi connectivity
+ SmartConnect app with machine status, temperature logs, error code reporting, and cost, consumption and usage analysis
+ Energy saver mode (programmable auto-shut down)
+ NSF rated configurable pot and pan cycle
+ Stainless steel self-draining pump and impeller
+ Single, sloping scrap screen and deep scrap basket
+ Rapid return conveyor drive mechanism
+ Service diagnostics
+ Door actuated drain closure
+ Vent fan control
+ Convertible hot water or low temperature final rinse
+ Booster heater control

## OPTIONS & ACCESSORIES (Available at extra cost)

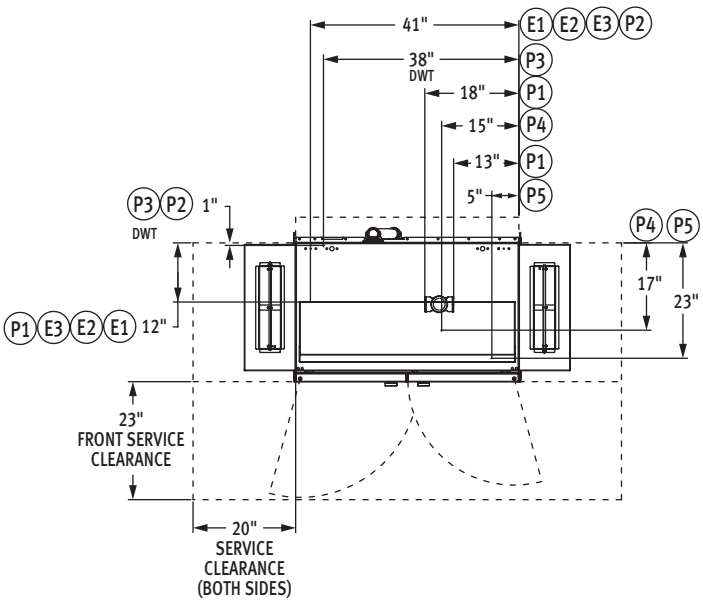
❑ Standard, short and extended stainless steel vent hoods
❑ Non-booster
❑ Direct drive unloader – adds 38" length; Reference spec F48944 for more details
❑ Side loader – SL23 adds 23" length, SL30 adds 30" length; Reference specs F40926 and F40927 for more details
❑ Blower-dryer – adds 33¼" to length; Reference spec F48945 (electric blower-dryer) and F48950 (steam blower-dryer) for more details (ships separate from dishmachine, contact Hobart Service for installation)
❑ Drain water tempering kit
❑ Flanged feet kit (requires two kits)
❑ Higher than standard chamber (24" opening)
❑ Table limit switch with 20' cable
❑ Correctional package (factory installed, contact Hobart for details)
❑ Water hammer arrester
❑ Factory-mounted circuit breakers (contact Hobart for details)
❑ External #150 steam booster heater

Approved by_____ Date_____ Approved by_____ Date_____

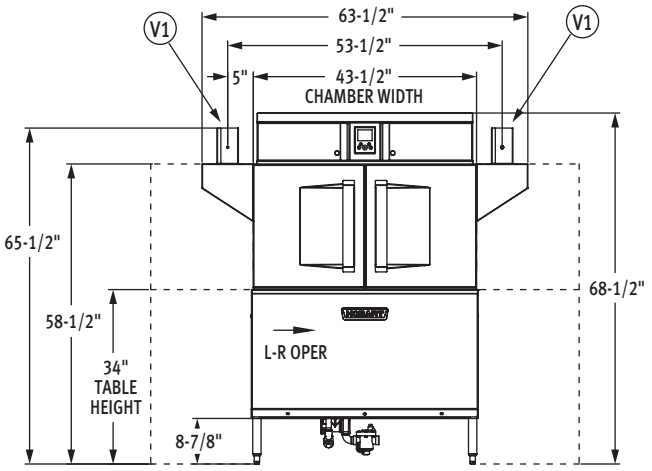
# CL44-BAS STEAM
## High Temperature Rack Conveyor Dishwashing Machine



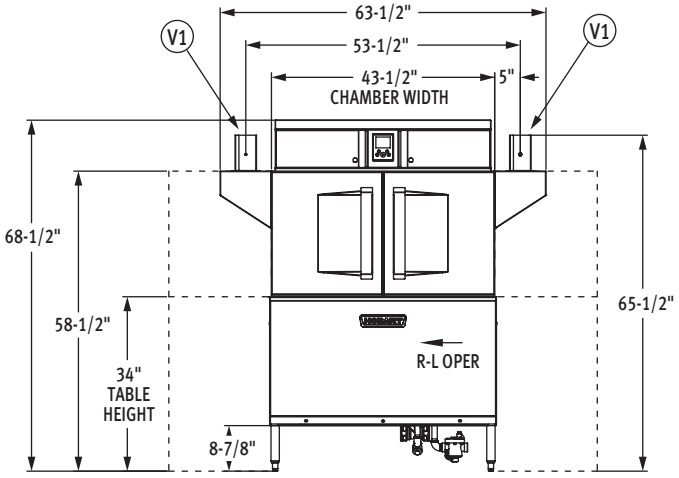

**Top View Left to Right Machine**



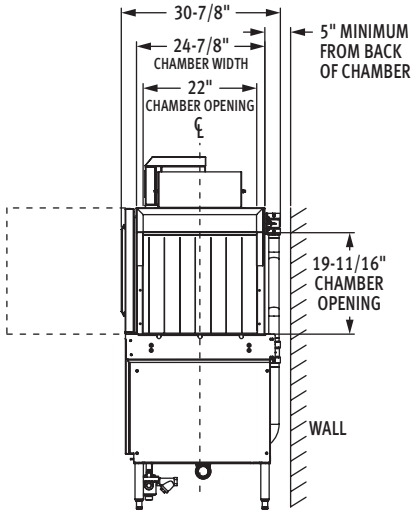

**Top View Right to Left Machine**




**Front View Left to Right Machine**




**Front View Right to Left Machine**




**Side View**

MODEL:
CL44-BAS STEAM
L-R OPERATION
00-563920
REV A

MODEL:
CL44-BAS STEAM
R-L OPERATION
00-563930
REV A



CAD and/or Revit Files Available

HOBART

# CL44-BAS STEAM
## High Temperature Rack Conveyor Dishwashing Machine

## LEGEND

| Electrical Connections | |
|---|---|
| **SINGLE POINT CONNECTION** | |
| **E1** | Electric connection, single point: motors, controls, with 18 kW electric booster heater, 65" AFF. |
| **DUAL POINT CONNECTION WITH BOOSTER** | |
| **E2** | Electric connection: motors, 62" AFF. |
| **E3** | Electric connection: controls, 18kW booster heater, 65" AFF. |
| **Plumbing Connections** | |
| **P1** | Drain: 2" FPT, 7-3/8" AFF, two possible connections; may be drained to either side of drain housing, plug opposite side. |
| **P2** | Common hot water connection: 1/2" FPT, 12" AFF. See plumbing notes for required temperatures. |
| **P3** | Optional drain water tempering. Cold water connection: 1/2" FPT, 12" AFF, cold temperature 80°F maximum. |
| **P4** | Steam coils: 10 to 50 PSI flowing, 3/4" FPT, 6" AFF. |
| **P5** | Condensate return: a 10 PSI minimum differential pressure across the steam trap must be maintained. 3/4" FPT, 5" AFF, one connection (one bucket type trap furnished). |
| **Vent Connections** | |
| **V1** | Optional vent hoods: 4" x 16" vent stack with damper. Load end 200 CFM, unload end 400 CFM. |

## 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
Final Rinse . . . . . 2/3

**Water Consumption**

U.S. Gallons per Hour . . . . . 90
U.S. Gallons per Rack . . . . . 0.45
Peak Drain Flow (U.S. gallons per minute) . . . . . 38

**Heating**

Tank Heat, steam coils (pounds per hour) . . . . . 65
Electric Booster (built-in) (kW for 70°F rise) . . . . . 18
Electric Booster (field conversion) (kW for 40°F rise) . . . . . 12

**Venting**

Load End (minimum CFM) . . . . . 200
Unload End (minimum CFM) . . . . . 400

**Shipping Weight (approximate)** . . . . . 595 lbs.

**Crated Dimensions** . . . . . 53"L x 38"W x 79"H

| E1 | Single Point Electrical Connection with Internal Booster | |
|---|---|---|
| Voltage | (E1) Motors, Controls, 18 kW Booster Heater | |
| | Rated Amps | Minimum Supply Circuit Ampacity/ Maximum Protective Device |
| 208/60/3 | 64.6 | 80 |
| 240/60/3 | 57.0 | 70 |
| 480/60/3 | 30.2 | 40 |

| E2 E3 | Dual Point Electrical Connection with Internal Booster (Field Conversion Only) | | | |
|---|---|---|---|---|
| Voltage | (E2) Motors | | (E3) Controls, 18 kW Booster Heater | |
| | Rated Amps | Minimum Supply Circuit Ampacity/ Maximum Protective Device | Rated Amps | Minimum Supply Circuit Ampacity/ Maximum Protective Device |
| 208/60/3 | 6.1 | 15 | 58.5 | 70 |
| 240/60/3 | 5.2 | 15 | 51.8 | 70 |
| 480/60/3 | 3.0 | 15 | 27.2 | 35 |

**WARNING:** Electrical and grounding connections must comply with the applicable portions of the National Electrical Code and/or other local electrical codes.

**CAUTION:** Certain materials including silver, aluminum, and pewter are attacked by sodium hypochlorite (liquid bleach).

**ATTN:** Plumbing connections must comply with applicable sanitary, safety and plumbing codes.

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## High Temperature Rack Conveyor Dishwashing Machine

**Plumbing Notes:** Water hammer arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

Recommended water hardness to be 3 grains or less for best results.

Minimum incoming hot water temperatures:
110°F for 18kW internal booster
140°F for 12kW field converted internal booster
180°F without internal booster for high temperature sanitizing
130°F without internal booster for chemical sanitizing

Building flowing water pressure to dish machine is 20 to 65 PSI at the machine.

For convenience when cleaning, water tap should be installed near machine with heavy duty hose and squeeze valve.

For chemical sanitizing applications, feeder must be certified to NSF Standard 29.

Flowing steam pressures above 50 PSI must have a pressure regulator (by others) installed in the steam line.

Shut off valve must be supplied (by others) in the steam line to the dishwasher.

**Miscellaneous Notes:** All dimensions taken from floor line may be increased approximately 3/4" or decreased 1/2".

For HTS, add 4-5/16" to all dimensions above table line.

For HTS, add 15 lbs. to the domestic shipping weight of each model.

**Electrical Note:** Dishmachine not provided with internal GFCI protection.

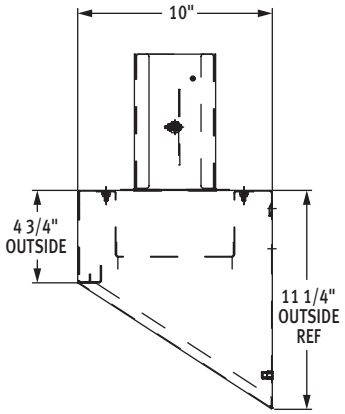
| CL44-BAS Steam Heat Dissipation | | |
|---|---|---|
| Booster | BTU/HR. | |
| | Latent | Sensible |
| Without Booster | 20,600 | 8,800 |
| 12kW Booster | 28,700 | 12,300 |
| 18kW Booster | 34,100 | 14,600 |

**NOTE:** 18kW Booster Heater field convertible to 12kW when 140°F incoming water provided. (Conversion instructions located in machine control box. Contact factory for 12kW booster amperage ratings.)

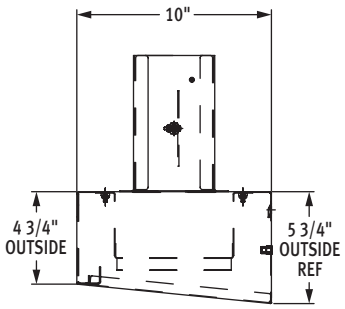
**NOTE:** Additional Voltages and Amperages are available, see document F48913.

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

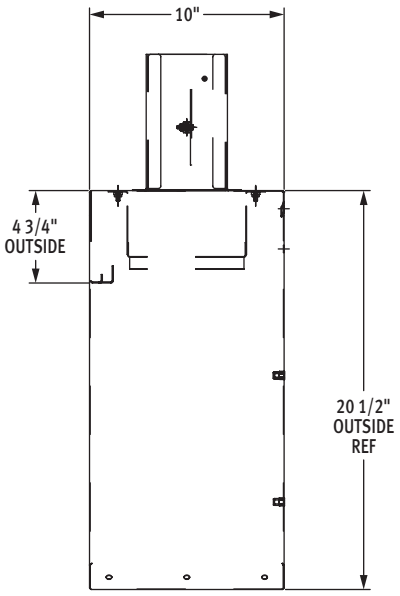
**Standard**




**Short**

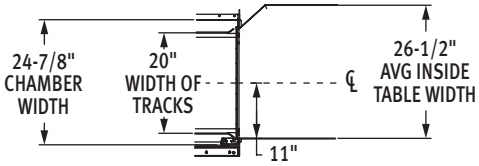



**Extended**

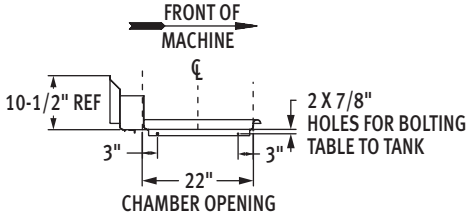



## TABLE CONNECTION DETAILS

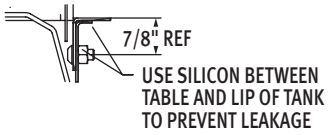
**Tabling Connection: 44" inside tank (at table connection)**




**Suggested Track and Table Layout**




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




**Sectional View Showing Table Connections**

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

Commercial Kitchen Equipment Parts

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