HOBART

Project _____

AIA #_____ SIS #_____

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

COMMERCIAL DISHWASHERS

CL SERIES – CL66C-DWR STEAM

# CL66C-DWR STEAM

## High Temperature Rack Conveyor Dishwashing Machine



CL66C-DWR with optional standard vent hood and vent stack damper shown

## SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL66C Drain Water Energy Recovery steam tank heat model. Features include 22" corner scrapper, Drain Water Energy Recovery (DWER), 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 pot and pan cycle mode. The wash tank utilizes durable precision pressure sensor monitors in lieu of conventional mechanical floats.

## STANDARD FEATURES

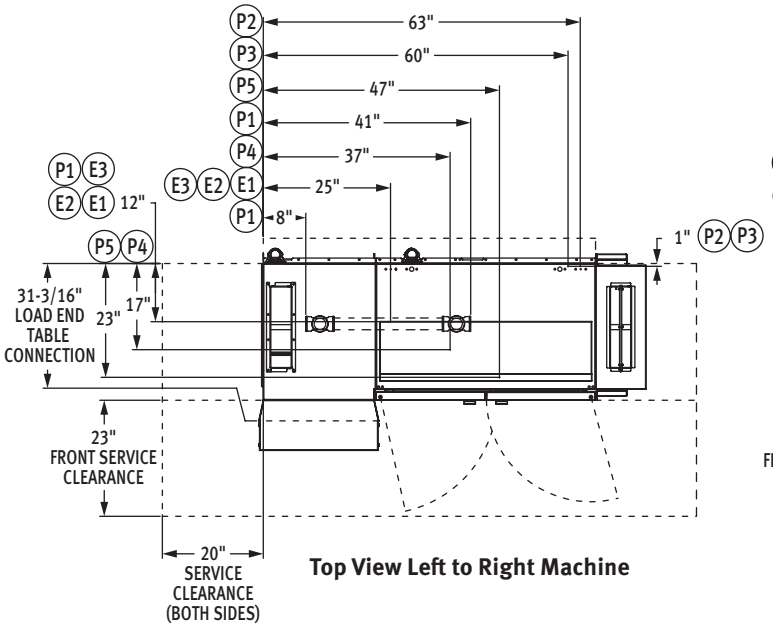
+ 90 gallons per hour pumped final rinse
+ 202 racks per hour
+ 22" corner scrapper
+ Drain Water Energy Recovery (DWER)
+ Drain water tempering kit (factory installed)
+ Complete Delime™ with Delime Notification, Auto Dispensing and Booster Guard™
+ Internal stainless steel pressure-less 18 kW booster 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
+ Doors are insulated & hinged with door interlock switches
+ User-friendly smart touchscreen controls with diagnostics & troubleshooting
+ WiFi connectivity
+ SmartConnect app and cloud 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
+ Sloping scrap screens and deep scrap baskets
+ Rapid return conveyor drive mechanism
+ Service diagnostics
+ Door actuated drain closure
+ Vent fan control

## OPTIONS & ACCESSORIES (Available at extra cost)

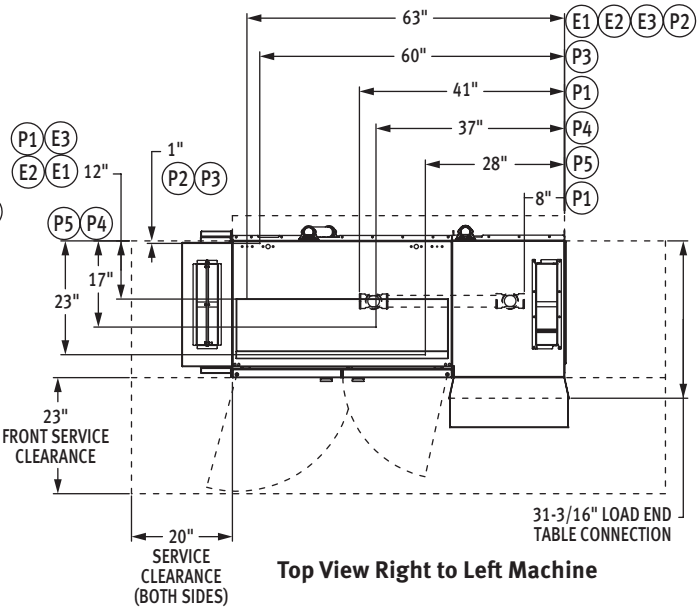
❑ Standard, short, and extended stainless steel vent hoods (unload side only)
❑ Vent stack damper kit – to direct connect vent (load side only)
❑ Direct drive unloader – adds 38" length; Reference spec F48944 for more details
❑ Blower-dryer – adds 33¼" to length; Reference spec F48945 (electric blower-dryer) and F48950 (steam blower-dryer) for more details (ships separate from dishmachine, contact Hobart Service for installation)
❑ Flanged feet kit (requires three kits)
❑ Higher than standard chamber (24" opening)
❑ External #150 steam booster heater
❑ 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)

Approved by_____ Date_____ Approved by_____ Date_____

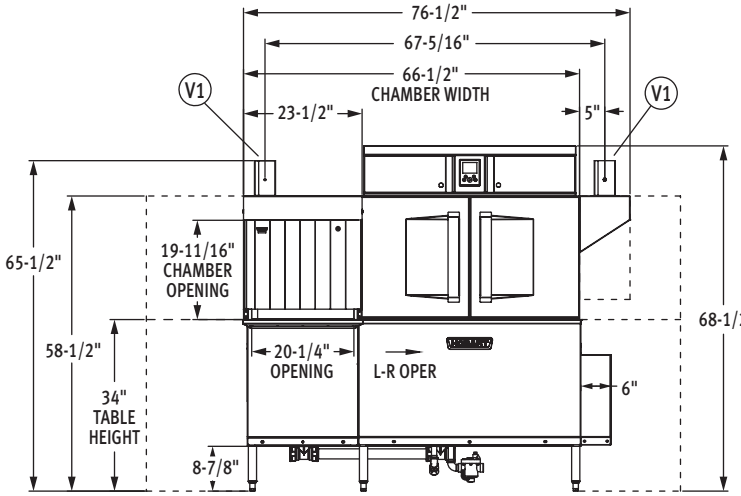
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## High Temperature Rack Conveyor Dishwashing Machine



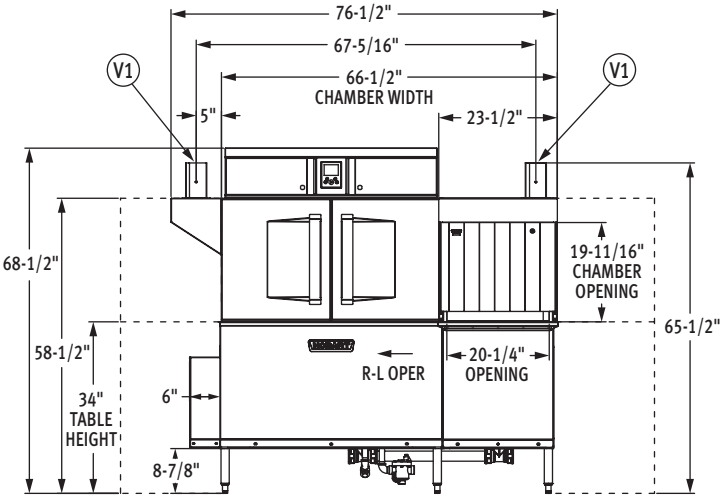

**Top View Left to Right Machine**



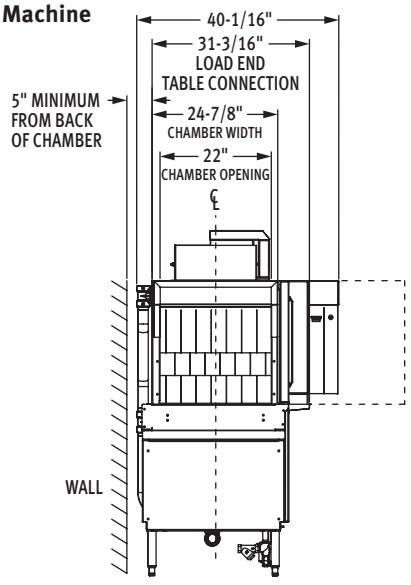

**Top View Right to Left Machine**




**Front View Left to Right Machine**




**Front View Right to Left Machine**




**Side View**

MODEL:
CL44C-DWR STEAM
L-R OPERATION
00-563924
REV A

MODEL:
CL44C-DWR STEAM
R-L OPERATION
00-563924
REV A



CAD and/or Revit Files Available

HOBART

# CL66C-DWR 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** | Hot water connection: 1/2" FPT, 12" AFF. 18kW booster, 110°F minimum. |
| **P3** | Cold water connection: 1/2" FPT, 12" AFF, 55°F mimimum. |
| **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
- Corner Scrapper (U.S. gallons) . . . . . 23
- Conveyor Speed (feet per minute) . . . . . 5.6

**Motor Horsepower**

- Drive . . . . . 1/6
- Wash . . . . . 2
- Corner Scrapper . . . . . 2
- Final Rinse . . . . . 2/3
- Drain Water Energy Recovery . . . . . 1/5

**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

**Venting**

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

**Shipping Weight (approximate)** . . . . . .895 lbs.

**Crated Dimensions** . . . . . 76"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 | 70.7 | 90 |
| 240/60/3 | 62.2 | 80 |
| 480/60/3 | 33.2 | 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 | 12.2 | 15 | 58.5 | 70 |
| 240/60/3 | 10.4 | 15 | 51.8 | 70 |
| 480/60/3 | 6.0 | 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.

110°F minimum incoming hot water temperature.

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.

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.

Tank heat, steam coils (pounds per hour) – 65.

**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.

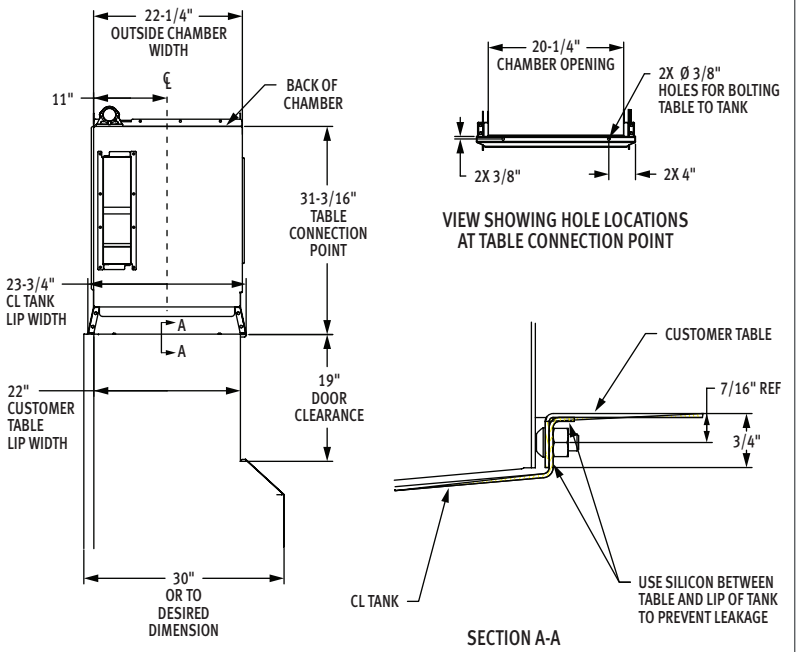
For optimal performance, Hobart recommends maintaining a dishroom temperature of 65°F (18°C) or higher, as lower temperatures may hinder the machine's capacity to operate effectively (with lower performance as ambient temperature decreases).

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

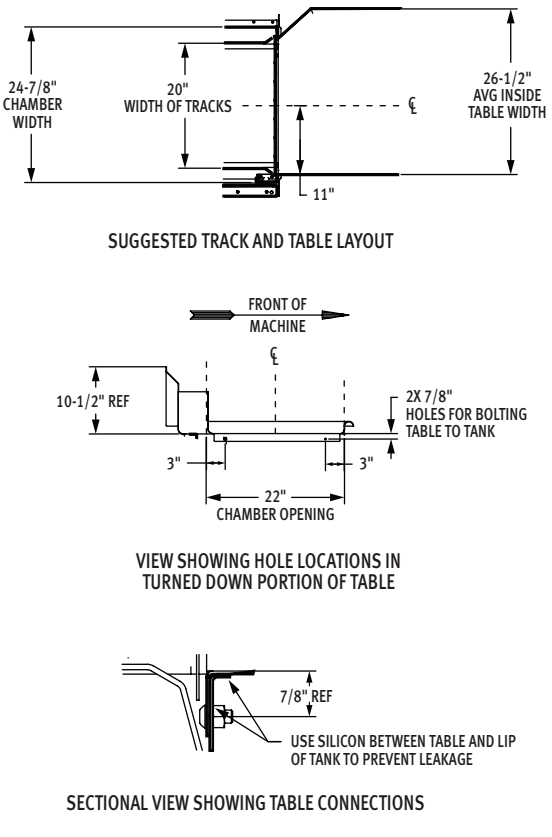
| CL66C-DWR Steam Heat Dissipation | | |
|---|---|---|
| Booster | BTU/HR. | |
| | Latent | Sensible |
| 18kW Booster | 36,300 | 15,500 |

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

### TABLING - LOAD END




### TABLING - UNLOAD END




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