HOBART

Project _____

AIA # _____ SIS # _____

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

COMMERCIAL DISHWASHERS

CL SERIES – CL66C-BAS ELECTRIC

CL66C-BAS ELECTRIC

High Temperature Rack Conveyor Dishwashing Machine

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

SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL66C Base electric tank heat model. Features include 22" corner scrapper, 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, ENERGY STAR®, 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

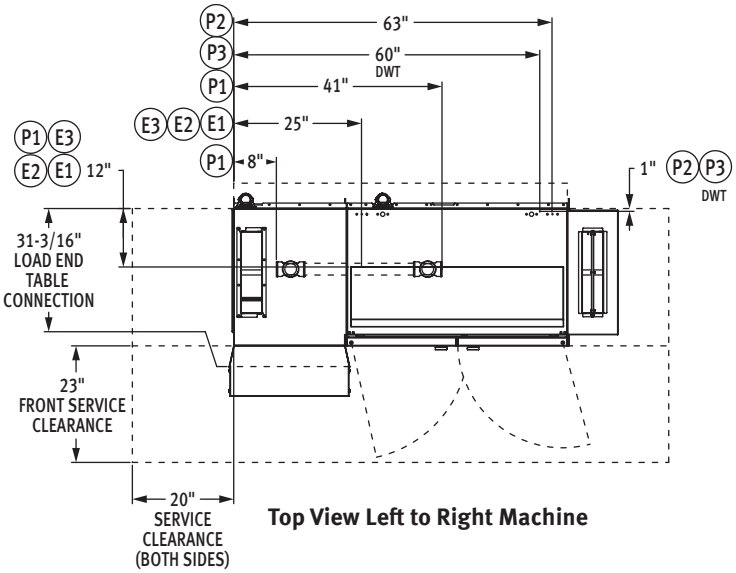
+ 90 gallons per hour pumped final rinse
+ 202 racks per hour
+ 22" corner scrapper
+ ENERGY STAR® Certified
+ Complete Delime™ with Delime Notification, Auto Dispensing and Booster Guard™
+ Internal stainless steel pressure-less 18 kW booster heater (70°F rise)
  — Single point electrical connection standard
+ Capless, anti-clogging wash arms
+ 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
+ Self-aligning wash manifolds
+ 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)

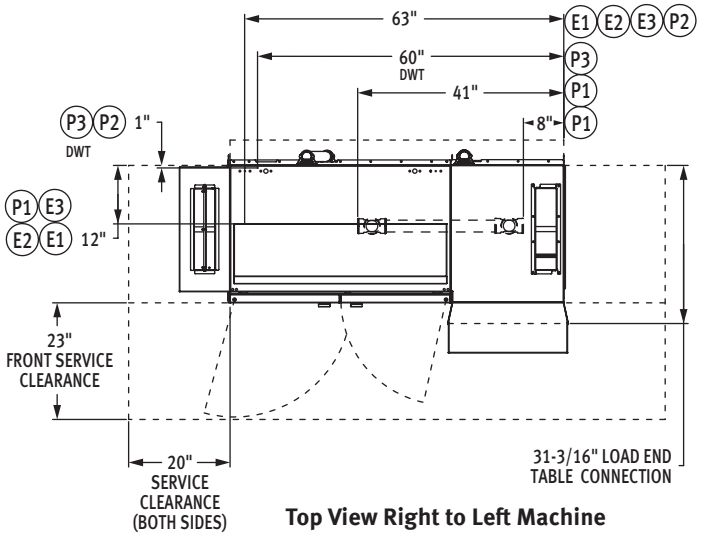
❑ Standard, short, and extended stainless steel vent hoods (unload side only)
❑ Vent stack damper kit - to direct connect vent (load side only)
❑ Direct drive unloader – adds 38" length; Reference spec F48944 for more details
❑ Blower-dryer – adds 33¼" to length; Reference spec F48945 (electric blower-dryer) and F48950 (steam blower-dryer) for more details (ships separate from dishmachine, contact Hobart Service for installation)
❑ Drain water tempering kit
❑ Flanged feet kit (requires three 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)

Approved by_____ Date_____ Approved by_____ Date_____

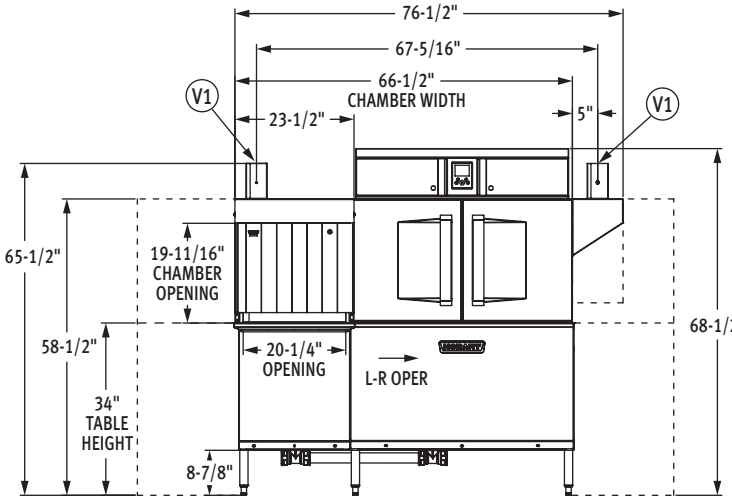
CL66C-BAS ELECTRIC
High Temperature Rack Conveyor Dishwashing Machine



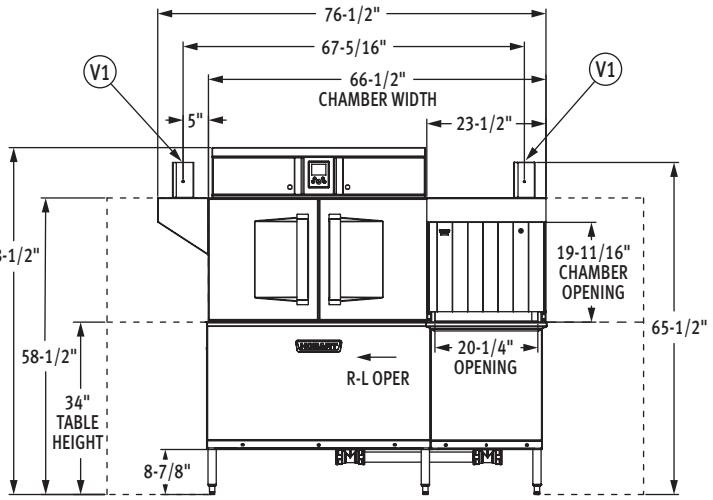
Top View Left to Right Machine



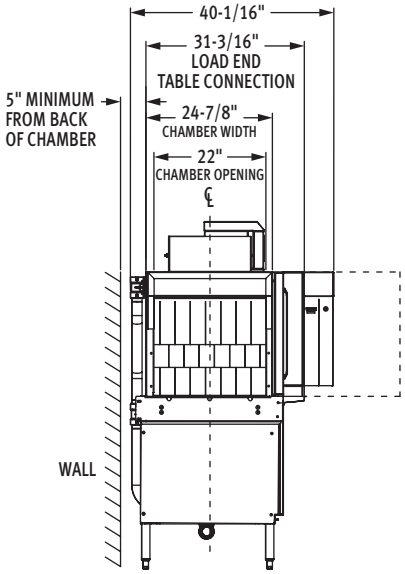
Top View Right to Left Machine



Front View Left to Right Machine



Front View Right to Left Machine



Side View

MODEL:
CL66C-BAS ELECTRIC
L-R OPERATION
00-563924
REV B

MODEL:
CL66C-BAS ELECTRIC
R-L OPERATION
00-563934
REV B

CAD and/or Revit Files Available

HOBART

CL66C-BAS ELECTRIC
High Temperature Rack Conveyor Dishwashing Machine

LEGEND

Electrical Connections	
SINGLE POINT CONNECTION	
E1	Electric connection, single point: motors, controls, tank heat, with 18 kW electric booster heater, 65" AFF.
DUAL POINT CONNECTION WITH BOOSTER	
E2	Electric connection: motors, tank heat, 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.
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

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, Electric (kW) 15
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) . . . . . .855 lbs.

Crated Dimensions . . . . . 76"L x 38"W x 79"H

E1	Single Point Electrical Connection with Internal Booster	
Voltage	(E1) Motors, Controls, Tank Heat, 18 kW Booster Heater	
	Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device
208/60/3	115.7	150
240/60/3	105.1	125
480/60/3	54.7	70

E2 E3	Dual Point Electrical Connection with Internal Booster (Field Conversion Only)			
Voltage	(E2) Motors, Tank Heat		(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	57.2	70	58.5	80
240/60/3	53.3	70	51.8	70
480/60/3	27.5	35	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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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.

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).

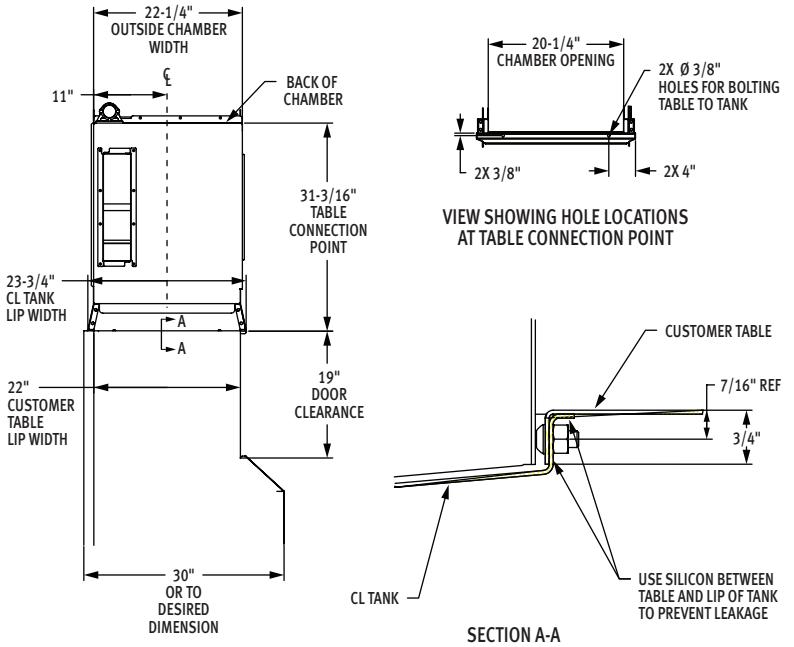
Electrical Note: Dishmachine not provided with internal GFCI protection.

CL66C-BAS Electric Heat Dissipation		
Booster	BTU/HR.	
	Latent	Sensible
Without Booster	20,700	8,900
12kW Booster	28,800	12,300
18kW Booster	34,200	14,700

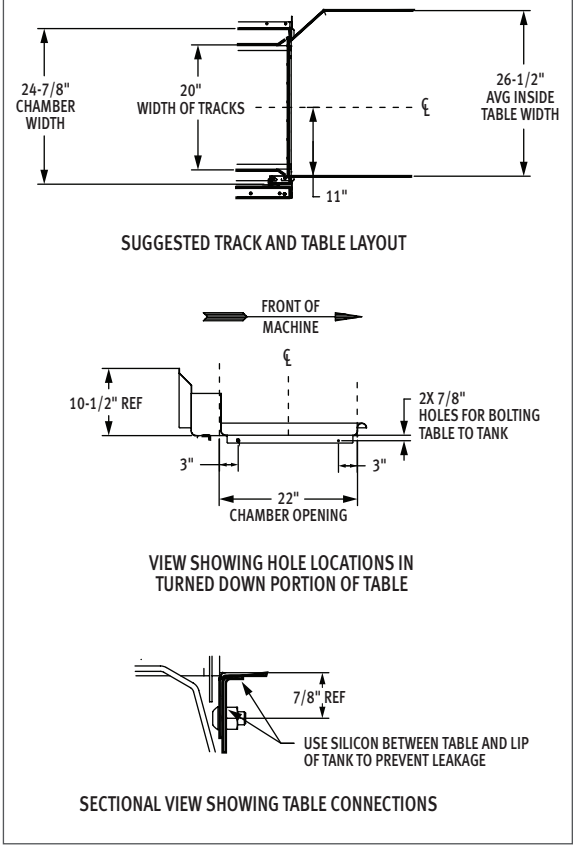
NOTE: 18kW Booster Heater field convertible to 12kW when 140°F incoming water provided. (Conversion instructions located in machine control box. Contact factory for 12kW booster amperage ratings.)

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

TABLING - LOAD END



TABLING - UNLOAD END



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

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