

# **CL64-DWR STEAM**

**High Temperature Rack Conveyor Dishwashing Machine** 





#### SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL64 Drain Water Energy Recovery steam tank heat model. Features include Drain Water Energy Recovery (DWER), Complete Delime<sup>™</sup> with Delime Notification, Auto Dispensing and Booster Guard<sup>™</sup>, capless anticlogging wash arms, 342 racks per hour, 114 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. The 19.5" standard chamber height will accommodate up to (6) standard sheet pans at a time on an open-end sheet pan rack.

Project SIS # AIA # Quantity \_\_\_\_ \_\_\_ C.S.I. Section 114000

## STANDARD FEATURES

- + 114 gallons per hour pumped final rinse
- + 342 racks per hour
- + Drain Water Energy Recovery (DWER)
- Drain water tempering kit (factory installed)
- Complete Delime<sup>™</sup> with Delime Notification, Auto Dispensing and Booster Guard<sup>™</sup>
- + Internal stainless steel pressure-less 24 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 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
- 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 33<sup>1</sup>/<sub>4</sub>" 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 two 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)
- **U** Water hammer arrester
- □ Factory-mounted circuit breakers (contact Hobart for details)

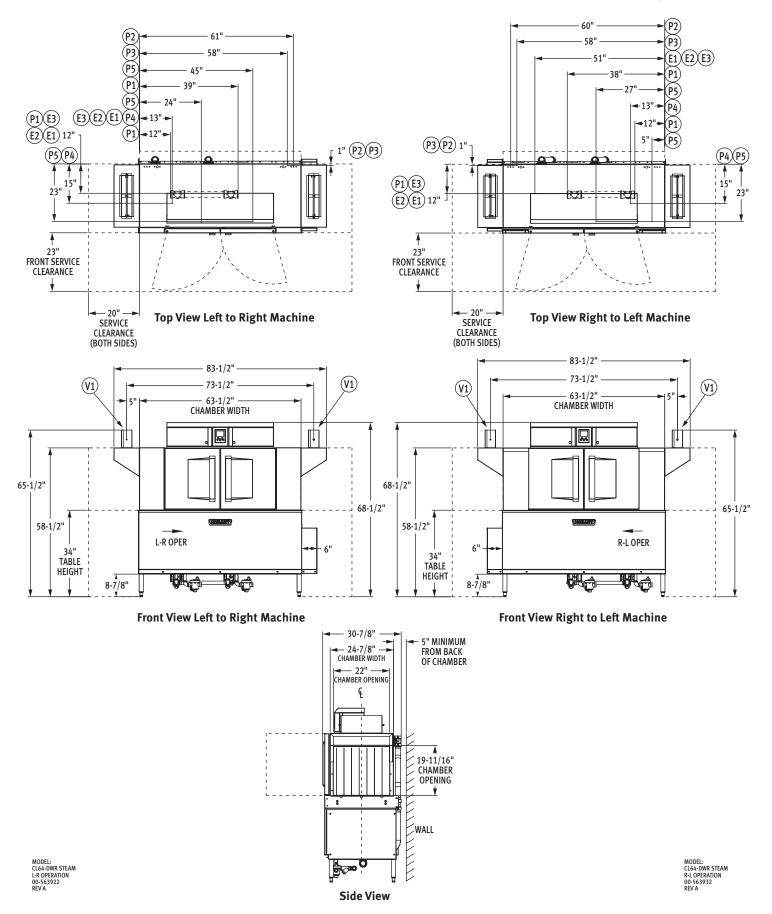
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Item #



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# HOBART

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#### **LEGEND**

Electrical Connections						
	SINGLE POINT CONNECTION					
E1	Electric connection, single point: motors, controls, with 24kW electric booster heater, 65" AFF.					
DUAL POINT CONNECTION WITH BOOSTER						
E2	Electric connection: motors, 62" AFF.					
E3	Electric connection: controls, 24kW 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. 24kW booster, 110°F minimum.					
P3	Cold water connection: 1/2" FPT, 12" AFF, 55°F minimum, 80°F maximum.					
P4	Steam coils: 10 to 50 PSI flowing, 3/4" FPT, 6" AFF.					
Р5	Condensate return: a 10 PSI minimum differential pressure across the steam traps must be maintained. 3/4" FPT, 5" AFF, two connections (two bucket type traps furnished).					
	Vent Connections					
V1	Optional vent hoods: 4" x 16" vent stack with damper. Load end 200 CFM, unload end 400 CFM.					

## **SPECIFICATIONS**

#### Capacities

capacities					
Racks per Hour (NSF rated)					
Wash Tank (U.S. gallons)					
Power Rinse Tank (U.S. gallons) 22					
Conveyor Speed (feet per minute)					
Motor Horsepower					
Drive					
Wash 2					
Power Rinse 2					
Final Rinse					
Drain Water Energy Recovery					
Water Consumption					
U.S. Gallons per Hour 114					
U.S. Gallons per Rack0.33					
Peak Drain Flow (U.S. gallons per minute)					
Heating					
Tank Heat, Steam Coils (pounds per hour)					
Electric Booster (built-in) (kW for 70°F rise)					
Venting					
Load End (minimum CFM) 200					
Unload End (minimum CFM) 400					
Shipping Weight (approximate)					
<b>Crated Dimensions</b>					

E1	Single	gle Point Electrical Connection with Internal Booster				
Voltage		(E1) Motors, Controls, 24kW Booster Heater				
		Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device			
20	8/60/3	87.3	100			
240/60/3		76.6	90			
480/60/3		40.5	50			

E2 E3	Dual Point Electrical Connection with Internal Booster (Field Conversion Only)					
	(E2) Motors		(E3) Controls, 24kW Booster Heater			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device	Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device		
208/60/3	12.2	15	75.1	90		
240/60/3	10.4	15	66.2	80		
480/60/3	6.0	15	34.5	40		

**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.



**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.

**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.

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

### CL64-DWR STEAM High Temperature Rack Conveyor

# Dishwashing Machine

CL64-DWR Steam Heat Dissipation						
Booster	BTU/HR.					
Booster	Latent	Sensible				
24kW Booster	56,000	24,000				

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

