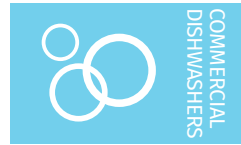


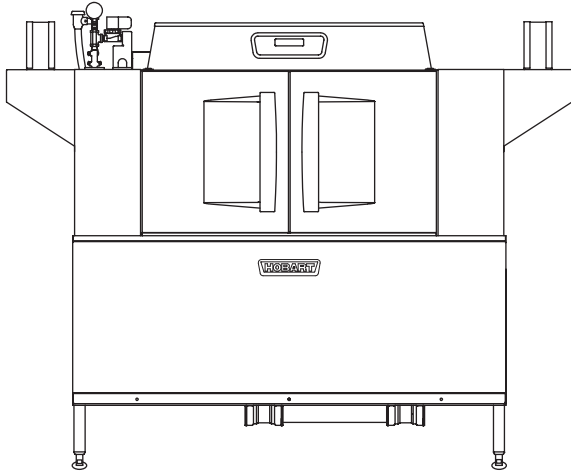


Project \_\_\_\_\_  
AIA # \_\_\_\_\_ SIS # \_\_\_\_\_  
Item # \_\_\_\_\_ Quantity \_\_\_\_\_ C.S.I. Section 114000



## CL64e-NAVY SHIPBOARD DISHWASHER

High Temperature Rack Conveyor Dishwashing Machine



### SPECIFIER STATEMENT

Specified dishwasher will be Hobart hatchable CL64e-NAVY Base electric tank heat model with 480/60/3 electric configuration, 30KW stainless electric booster, standard height, flanged feet, Opti-Rinse™. Includes 342 racks per hour capacity, dirty water indicator, configurable intelligent de-lime notification, 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.

### STANDARD FEATURES

- + 342 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-processor 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
- + Stainless steel internal 30 KW electric booster
- + 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
- + Single electrical connection for tank heat, motors and controls (three phase only), does not include the booster heater
- + Hatchable machine includes removable control box, legs and chamber
- + Vent fan control
- + Booster heater control
- + Flanged feet
- + ENERGY STAR® Certified

### OPTIONS

- ☐ Right to left (R-L) operation
- ☐ Left to right (L-R) operation

### ACCESSORIES (Available at extra cost)

- ☐ Standard or short stainless steel vent hoods
- ☐ Direct drive unloader – adds 38" length. Reference spec F39520 for more details
- ☐ Side loader – SL23 adds 23" length, SL30 adds 30" length. Reference specs F40926 and F40927 for more details
- ☐ Insinger or Champion backfit adapter kit: WWACCCL-SEFGAV. Use this kit when replacing an Insinger Galleymaster Series (model 135, 185 or the 250) dishwasher or Champion USN72 (model 250, 185, 135, 85, 60) with a Hobart CL64e-NAVY. Kit includes (4) feet adapters, (2) vent hood adapters, (2) tabling adapters, plus fasteners and silicone sealant. Form F40989 provides installation instructions and revised machine dimensions resulting from the kit installation.
- ☐ Dish racks

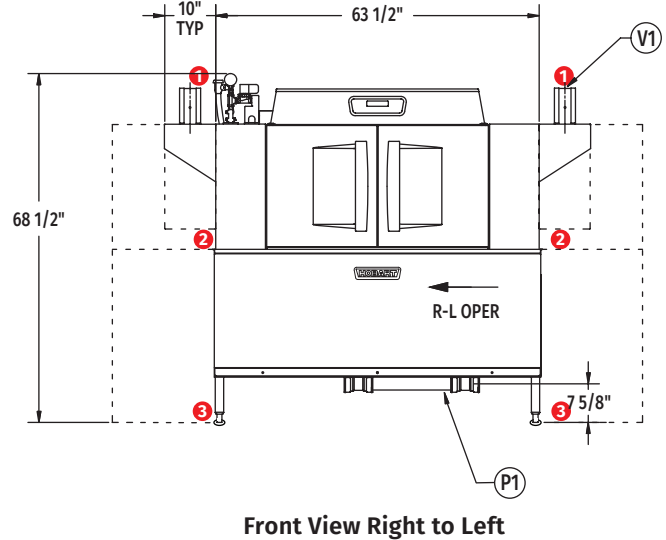
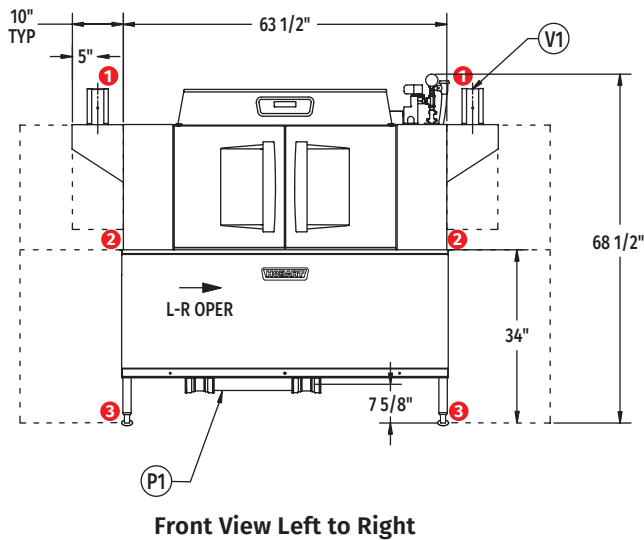
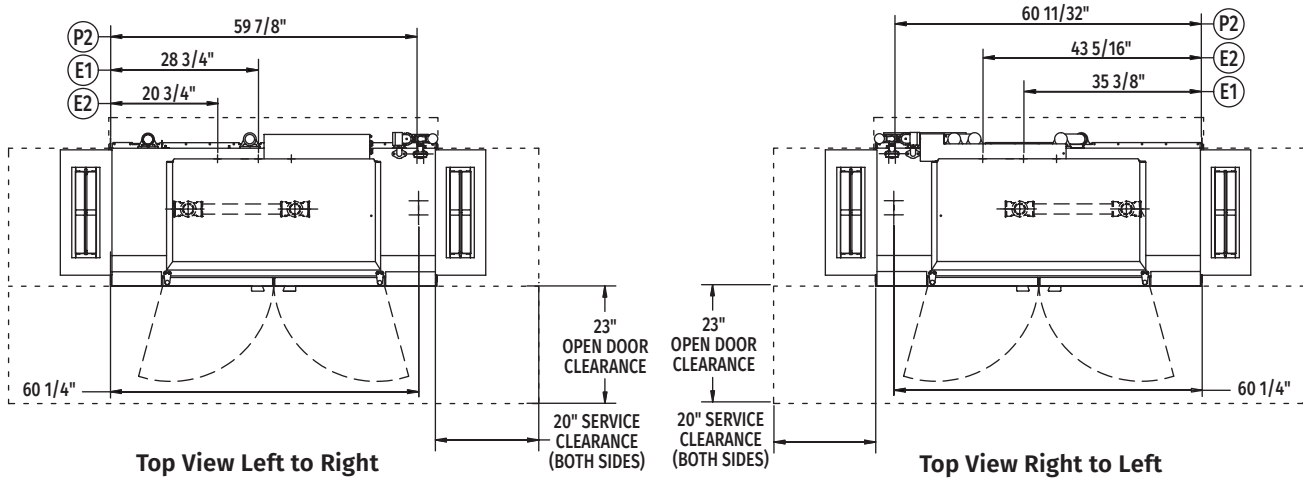
CL64e-NAVY SHIPBOARD DISHWASHER

Approved by \_\_\_\_\_ Date \_\_\_\_\_ Approved by \_\_\_\_\_ Date \_\_\_\_\_

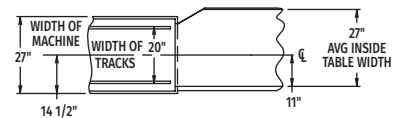
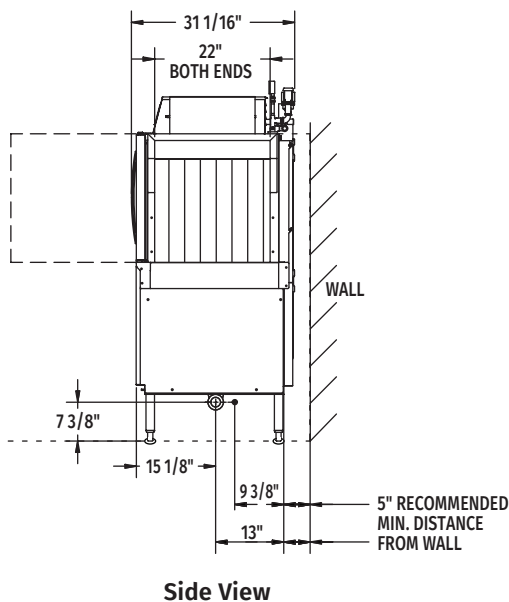
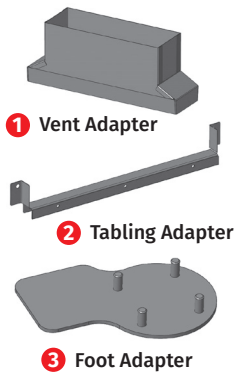


# CL64e-NAVY SHIPBOARD DISHWASHER

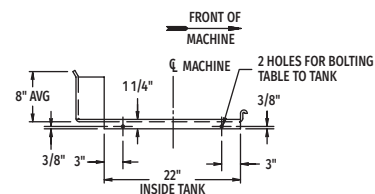
High Temperature Rack Conveyor  
Dishwashing Machine



## INSINGER OR CHAMPION BACKFIT ADAPTER KIT



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



MODEL:  
CL64e-NAVY  
L-R OPERATION  
D-974805  
REV B

MODEL:  
CL64e-NAVY  
R-L OPERATION  
D-974804  
REV B



# CL64e-NAVY SHIPBOARD DISHWASHER

## 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	Internal electric booster 1-1/4" or 2" conduit, 63-3/4" AFF.
<b>NOTE:</b> Common electrical connection (true 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. 1/2", 11-3/16" AFF. See plumbing notes for required temperatures.
Vent Connections	
V1	Optional vent hoods, 4" x 16" vent stack with damper.

### SPECIFICATIONS

#### Capacities

Racks Per Hour (NSF rated) . . . . .	342
Wash Tank (U.S. gallons) . . . . .	23
Rinse Tank (U.S. gallons) . . . . .	22
Conveyor Speed (feet per minute) . . . . .	9.5

#### Motor Horsepower

Drive . . . . .	1/6
Wash . . . . .	.2
Rinse . . . . .	.2

#### Water Consumption

U.S. Gallons per Hour (maximum use at 20 PSI) . . . . .	132
U.S. Gallons per Rack . . . . .	0.39
Peak Drain Flow (U.S. gallons per minute) . . . . .	38

#### Heating

Tank Heat, Electric (kW) . . . . .	25
Electric Booster (built-in) (kW for 70°F rise) . . . . .	30

#### Venting

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

**Shipping Weight (approximate)** . . . . .840 lbs.

**Crated Dimensions.** . . . . .74"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
	480/60/3	44.9	60
			Maximum Protective Device
			60
<b>NOTE:</b> 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
	480/60/3	40.1	50
			Maximum Protective Device
			50

**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:** Minimum incoming water temperatures: 110°F for 30kW internal booster, 140°F for 15kW field converted internal booster, 180°F without internal booster. Building flowing water pressure to dish machine is 20 PSI, (+/- 5 PSI). For non-booster machines, a PRV with internal expansion bypass is required.

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

CL64e-NAVY Electric Heat Dissipation		
Booster	BTU/HR.	
	Latent	Sensible
30kW Booster	51,900	22,200



# CL64e-NAVY SHIPBOARD DISHWASHER

High Temperature Rack Conveyor  
Dishwashing Machine

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

Common Electrical Connection (Includes Motors & Controls, Electric Wash Tank Heat, Electric Rinse Tank Heat & Electric Booster Heater)			
Voltage	MACHINE AND 30kW BOOSTER		
	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
480/60/3	85	100	100

## FIELD CONVERTIBLE SERVICE CONNECTIONS

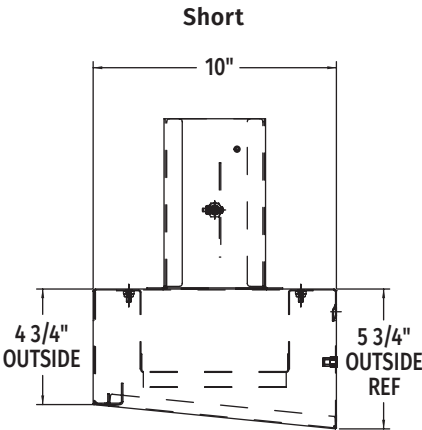
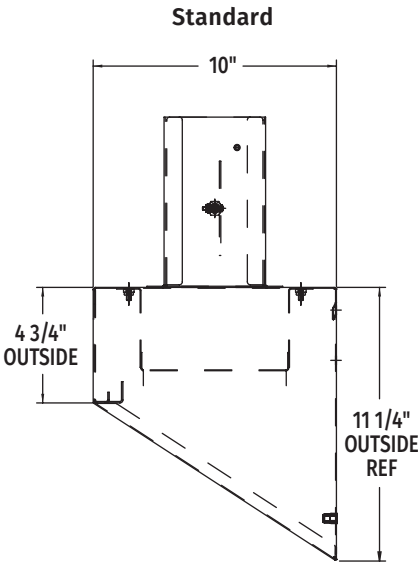
At time of installation, service connections for motors, controls, and electric tank heat can be split as necessary for installation.

Separate Service Connection for Wash Tank			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
480/60/3	22.0	30	30

Separate Service Connection for Motors & Controls			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
480/60/3	9.1	20	20

Separate Service Connection for 10 kW Rinse Tank			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
480/60/3	14.3	20	20

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

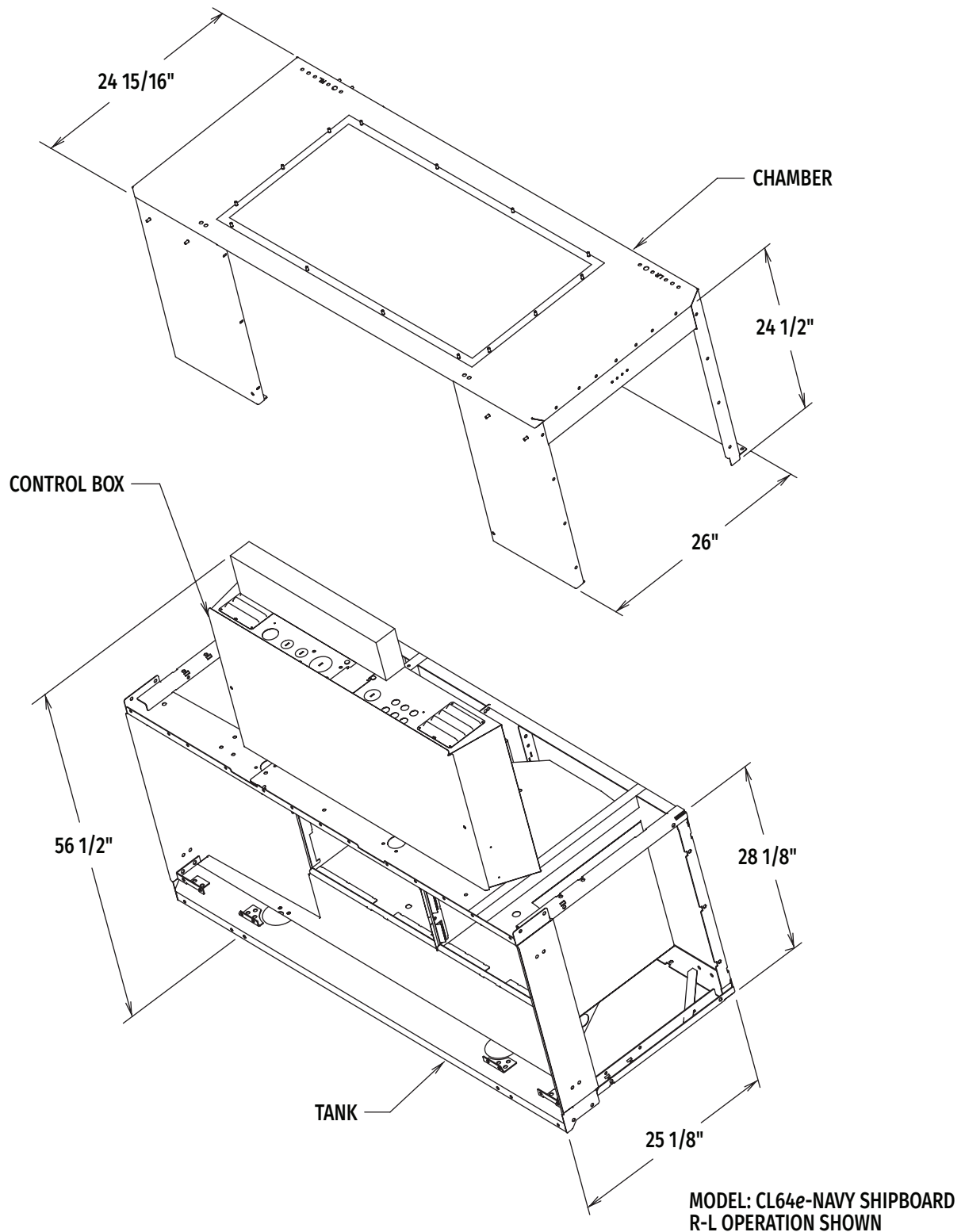




# CL64e-NAVY SHIPBOARD DISHWASHER

High Temperature Rack Conveyor  
Dishwashing Machine

CL64e-NAVY SHIPBOARD DISHWASHER Includes removable chamber, legs, and control box (removable chamber and control box shown).



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