

Project:

Dover ASD Leib ES Hobart 4.29.26

From:

11400 Inc.
Danielle Cargile
2551 Horseshoe Road
Lancaster, PA 17601
(717) 392-7429

Job Reference Number: 26690

QUOTE IS VALID THROUGH 8/15/26

QUOTE BASED ON INCOMPLETE SPECS. CUSTOMER TO VERIFY ALL INFORMATION AND SPECS FOR ACCURACY.

CUSTOMER SHOULD INDICATE TO US IF WE NEED TO REFERENCE A CERTAIN CONTRACT NUMBER, PURCHASING CO-OP, ETC. (I.E. COSTARS, TIPS, PA DGS, DE STATE CONTRACT, ETC.)

CHANGING ANY PART OF QUOTE MAY REQUIRE ENTIRE QUOTE TO BE REPRICED.

NOTE: End user is responsible for ensuring Energy Star Compliance in their state (specifically in MD, NY, NJ, CA, MA, RI).

Proposals are not transferable from recipient.

Recipient:

Item	Qty	Description	Sell	Sell Total
1	1 ea	DISHWASHER, CONVEYOR TYPE Hobart Model No. CL44-BAS+BUILDUP Conveyor Dishwasher, single tank, (202) racks/hour, insulated hinged doors, .45 gallon/rack, Complete Delime with Booster Guard, Touch Screen Controls with diagnostics, troubleshooting, and SmartConnect App, capless wash arms, NSF Pot & Pan mode, cULus, NSF, ENERGY STAR®, Factory Startup - Free for installations within 100 miles (accessible by public roadway) of a Hobart Service Office during normal business hours with appropriate notice; Installation beyond 100 miles or those not accessible by public roadway will be quoted by Service.	\$22,664.95	\$22,664.95
	1 ea	Oversized units with crated shipping dimensions greater or equal to 72" in length and/or 90" in height. If delivery is to a facility without a standard height dock, additional shipping charges will apply depending on the service requested. consult Factory.		



Item	Qty	Description	Sell	Sell Total
	1 ea	Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA		
	1 ea	CL44BAS-ELE0AX 208v/60/3-ph Single point connection standard (field convertible to dual point)		
	1 ea	CL44BAS-HGTSTD Standard Height 19.5"H x 22"W opening, fits full-sized sheet pan, horizontal		
	1 ea	CL44HTE-GAS Gas Tank Heat	\$6,929.31	\$6,929.31
	1 ea	CL44BAS-ERH0NO Remote Booster / Chemical Sanitizing Remote Gas Booster (supplied by others)		
	1 ea	CL44BAS-DIR0RL Right to left operation		
	1 ea	CL-BDR0NO Without Blower Dryer		
	1 ea	NOTE: For water of 3-grains of hardness or more, Hobart suggests adding a water softener.		
	1 ea	DWT-CL Drain water tempering kit for CL models	\$1,420.43	\$1,420.43
	1 ea	ACC-INSTALL-HOB Accessory Installation - For installations within 100 miles (accessible by public roadway) of a Hobart Service Office during normal business hours with appropriate notice; Installation beyond 100 miles locations in Alaska, Hawaii or New York City or those not accessible by public roadway will be quoted by Service. Includes installation of this item only, final electrical or plumbing connections by others. Recommendation: coordinate accessory installation with machine assembly/ installation (NET)	\$650.00	\$650.00
	2 ea	VNTHD/E-ADJ E-series vent hood domestic (adjustable)	\$1,056.37	\$2,112.74
	1 ea	TBLIM-CL Table limit switch for CL & CLEN series	\$432.57	\$432.57
	1 ea	CL44EN-BASFETSTD Standard feet Existing machine: 851008934		
			ITEM TOTAL:	\$34,210.00

1A	1 ea	DISHWASHER, CONVEYOR TYPE Hobart Model No. CL44-DWR+BUILDUP Conveyor Dishwasher, single tank, Drain Water Energy Recovery with factory-installed drain water tempering kit;, (202) racks/hour .45 gallon/rack, Complete Delime with Booster Guard, Touch Screen Controls with diagnostics, troubleshooting, and SmartConnect App, capless wash arms, NSF Pot & Pan mode, pumped rinse, insulated hinged doors, cULus, NSF, ENERGY STAR®, Factory Startup - Free for installations within 100 miles (accessible by public roadway) of a Hobart Service Office during normal business hours with appropriate notice; Installation beyond 100 miles or those not accessible by public roadway will be quoted by Service.	\$30,867.38	<Alternate>
	1 ea	Oversized units with crated shipping dimensions greater or equal to 72" in length and/or 90" in height. If delivery is to a facility without a standard height dock, additional shipping charges will apply depending on the service requested. consult Factory.		<Alternate>



Item	Qty	Description	Sell	Sell Total
	1 ea	Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA		<Alternate>
	1 ea	CL44DWR-HTE15K Electric tank heat 15kW	\$2,470.17	<Alternate>
	1 ea	CL44DWR-ELE0AX 208v/60/3-ph Single point connection standard (field convertible to dual point)		<Alternate>
	1 ea	CL44DWR-HGTSTD Standard Height 19.5"H x 22"W opening, fits full-sized sheet pan, horizontal		<Alternate>
	1 ea	CL44DWR-ERH18K With 18 kW Booster (default)		<Alternate>
	1 ea	CL44DWR-DIR0RL Right to left operation		<Alternate>
	1 ea	CL-BDR0NO Without Blower Dryer		<Alternate>
	1 ea	NOTE: For water of 3-grains of hardness or more, Hobart suggests adding a water softener.		<Alternate>
	2 ea	VNTHD/E-ADJ E-series vent hood domestic (adjustable)	\$1,053.11	<Alternate>
	1 ea	TBLLIM-CL Table limit switch for CL & CLEN series	\$431.23	<Alternate>
	1 ea	CL44EN-BASFETSTD Standard feet		<Alternate>
		Existing machine: 851008934		<Alternate>
			ITEM TOTAL: <Alternate>	\$35,875.00
2	1 ea	BOOSTER HEATER, GAS Hatco Model No. PMG-100 Powermite® Booster Heater, gas, 4.75 gal storage capacity, blended phosphate water treatment system, low water cut-off, temp./pressure relief valve, pressure reducing valve, (2) temp./pressure gauges, indicator light & on/off switch, stainless steel tank & front, painted body & legs, 105,000 BTU, UL EPH Classified, CSA, Made in USA	\$10,832.80	\$10,832.80
	1 ea	NOTE: Sale of this product must comply with Hatco's Minimum Resale Price Policy; consult order acknowledgement for details		
	1 ea	NOTE: Includes 24/7 parts & service assistance, call 414-671-6350		
	1 ea	Gas to be specified		
	1 ea	120v/60/1-ph, 360 w, 3.0 amps		
			ITEM TOTAL:	\$10,832.80
2A	1 ea	BOOSTER HEATER, GAS Hatco Model No. PMG-200 Powermite® Booster Heater, gas, 4.75 gal storage capacity, blended phosphate water treatment system, low water cut-off, temp./pressure relief valve, pressure reducing valve, (2) temp./pressure gauges, indicator light & on/off switch, stainless steel tank & front, painted body & legs, 195,000 BTU, UL EPH Classified, CSA, Made in USA	\$12,848.55	<Alternate>
	1 ea	NOTE: Sale of this product must comply with Hatco's Minimum Resale Price Policy; consult order acknowledgement for details		<Alternate>
	1 ea	NOTE: Includes 24/7 parts & service assistance, call 414-671-6350		<Alternate>
	1 ea	Gas to be specified		<Alternate>

Item	Qty	Description	Sell	Sell Total
	1 ea	120v/60/1-ph, 360 w, 3.0 amps		<Alternate>
			ITEM TOTAL: <Alternate>	\$12,848.55
3	1 ea	INSTALLATION Custom Model No. INSTALLATION Service: -Conveyor Dishwasher & Stand Alone -Booster Statement of Work: Hobart Notes-Standard hours M-F 8 to 5 Hobart Service to disconnect all utilities from existing Dish machine, remove from kitchen, haul away and dispose. Hobart Service to receive, deliver, set in place, and fully install new dish machine. Install new stand-alone gas booster supplied by others Verify operation, do a start-up and train operators. Customer Notes- Responsible for contacting chemical company to reconnect chemicals to new machine Responsible for all electrical needs for new dishwasher and booster Responsible for proper exhaust from remote booster Included: • New equipment must match the location's current specifications: electrical, gas lines, plumbing/drains, and venting • Installations completed during normal business hours. Monday – Friday; 8:00am – 5:00pm • Receipt of equipment at local installer's office or delivery to customer's facility at a pre-scheduled time • Removal and disposal of existing equipment • Uncrating and set-in place in existing location on the ground level • Final hook-ups (within 5 feet) to existing utilities • Validation equipment is working properly upon completion of installation • Removal of packaging materials and rubbish	\$7,400.00	\$7,400.00
			ITEM TOTAL:	\$7,400.00
			Merchandise	\$52,442.80
			Freight	\$96.50
			Subtotal	\$52,539.30
			Total	\$52,539.30

****For smallwares and disposables pricing as well as best and final equipment pricing on new quote requests, please contact orders@11400inc.com.****

Acceptance: _____ Date: _____

Printed Name: _____

Project Grand Total: \$52,539.30



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



CL44-BAS ELECTRIC

High Temperature Rack Conveyor Dishwashing Machine



SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL44 Base electric 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, ENERGY STAR®, insulated ergonomic cabinet style doors, touchscreen controls with WiFi connectivity, and NSF approved 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
- + 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
- + 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 33-1/4" 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)

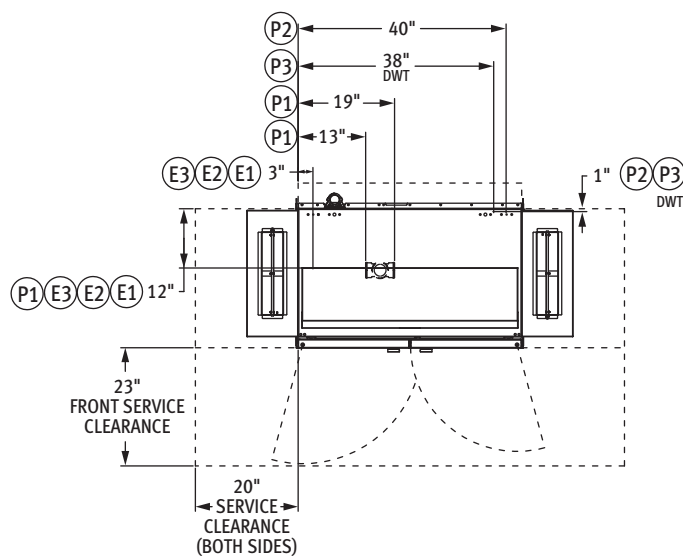
CL SERIES – CL44-BAS ELECTRIC

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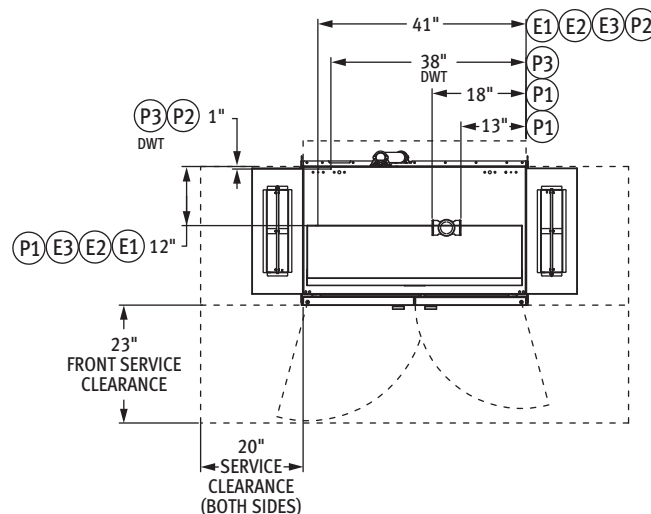


CL44-BAS ELECTRIC

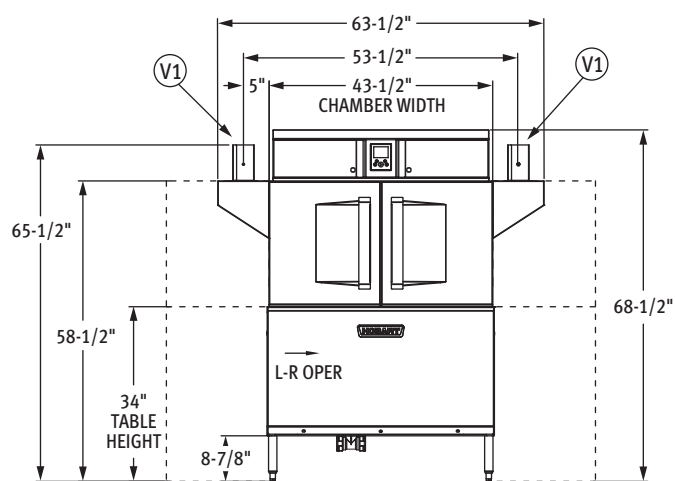
High Temperature Rack Conveyor Dishwashing Machine



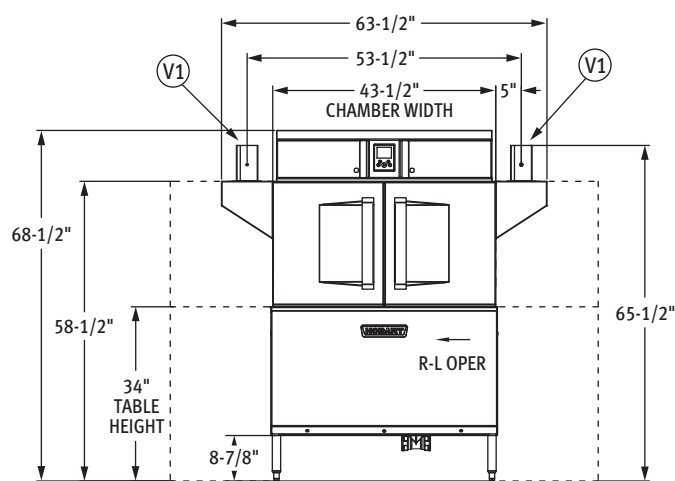
Top View Left to Right Machine



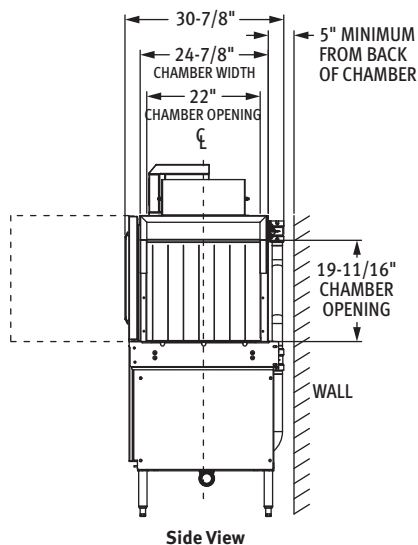
Top View Right to Left Machine



Front View Left to Right Machine



Front View Right to Left Machine



Side View

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

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

CAD and/or Revit Files Available



CL44-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
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, 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) 600 lbs.

Crated Dimensions 53"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	109.6	150
240/60/3	99.9	125
480/60/3	51.7	60
600/60/3	39.1	50

E2	Dual Point Electrical Connection with Internal Booster (Field Conversion Only)			
E3	(E2) Motors, Tank Heat		(E3) Controls, 18 kW Booster Heater	
Voltage	Rated Amps	Minimum Supply Circuit Ampacity/Maximum Protective Device	Rated Amps	Minimum Supply Circuit Ampacity/Maximum Protective Device
208/60/3	51.1	70	58.5	80
240/60/3	48.1	60	51.8	70
480/60/3	24.5	30	27.2	35
600/60/3	16.7	20	22.4	30

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.



CL44-BAS ELECTRIC

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 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.

CL44-BAS Electric Heat Dissipation

Booster	BTU/HR.	
	Latent	Sensible
Without Booster	18,500	7,900
12kW Booster	26,600	11,400
18kW Booster	32,100	13,700

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.

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

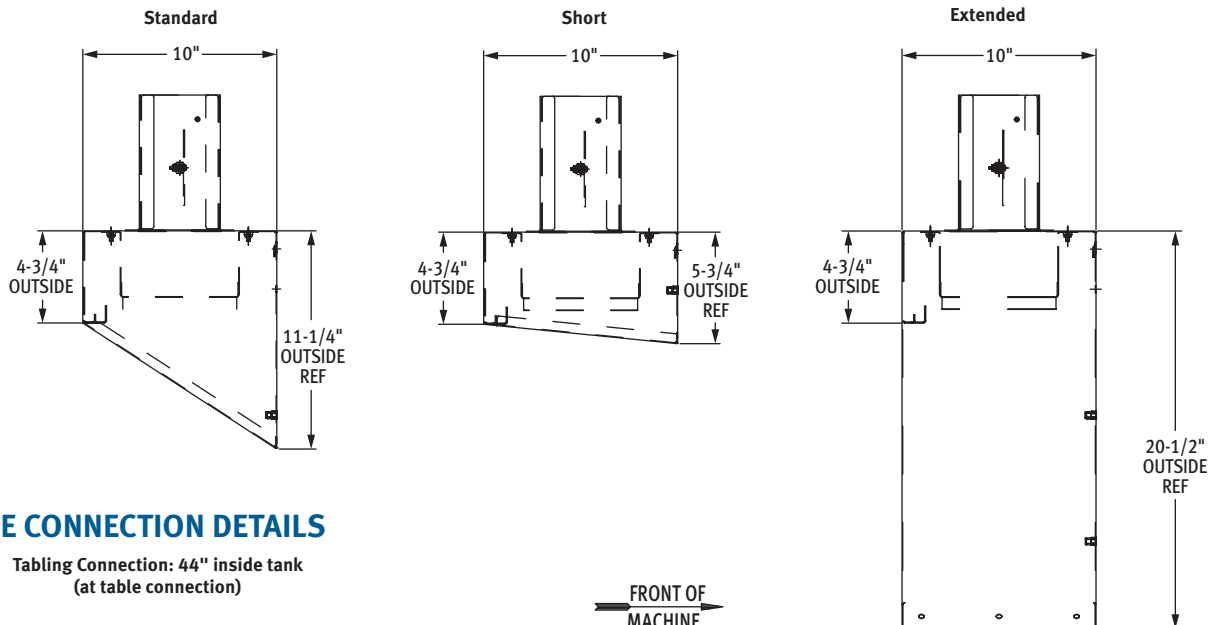
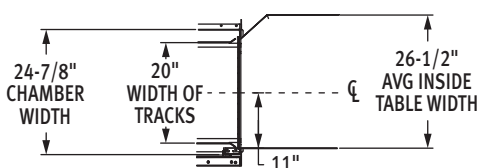
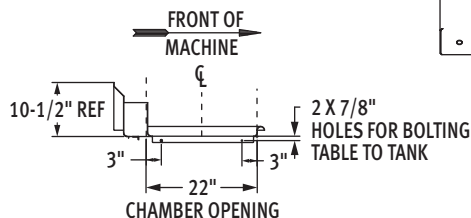


TABLE CONNECTION DETAILS

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.



Oversized Equipment Quick Reference Guide

Oversized units with crated shipping dimensions greater or equal to 72" in length and/or 90" in height. If delivery is to a facility without a standard height dock, additional shipping charges will apply depending on the service requested.

HOBART

DOOR TYPES	CONVEYOR TYPES (CL, FT)	PREP WASHERS	TURBOWASHERS (TW), TOTEWASHERS (CL64T) WASTE PULPERS (WPS)	WRAPPING SYSTEM (NGW)
- AM15T - AM15VLT	- CL44eN-ADV - CL44eNVL - All 54" Models or Greater - All FT Models	- PW10eR - PW20eR - PWVeR	All Models	All Models



G, R and A SERIES	UNDERCOUNTERS (UHT, UHD, ULT, TU)	PREP TABLES (UST, USD, UPT, UPD, TS, TB)	EQUIPMENT STANDS (TE)	UNDERCOUNTERS (CLUC) & PREP TABLES (CLPT)
- All Roll-In & Roll-Thru Models - All Three Section Models	All 72" Models or Greater	- TB - 60" Models or Greater - TS - 66" Models or Greater - All 72" Models or Greater	All Models 48" or Greater	All 72" Models or Greater



THE INFORMATION PROVIDED IS TO BE USED AS A QUICK REFERENCE GUIDE ONLY. PLEASE CONSULT ITW FEG CUSTOMER CARE FOR UNITS NOT LISTED OR ANY QUESTIONS SURROUNDING DELIVERY OPTIONS.



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



CL44-DWR ELECTRIC

High Temperature Rack Conveyor Dishwashing Machine



SPECIFIER STATEMENT

Specified dishwasher will be Hobart CL44 Drain Water Energy Recovery electric tank heat model. Features include 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, 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. 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
- + Drain Water Energy Recovery (DWER)
- + Drain water tempering kit (factory installed)
- + 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
- + 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
- + Single, sloping scrap screen and deep scrap basket
- + 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 1/4" 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)
- ☐ 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)

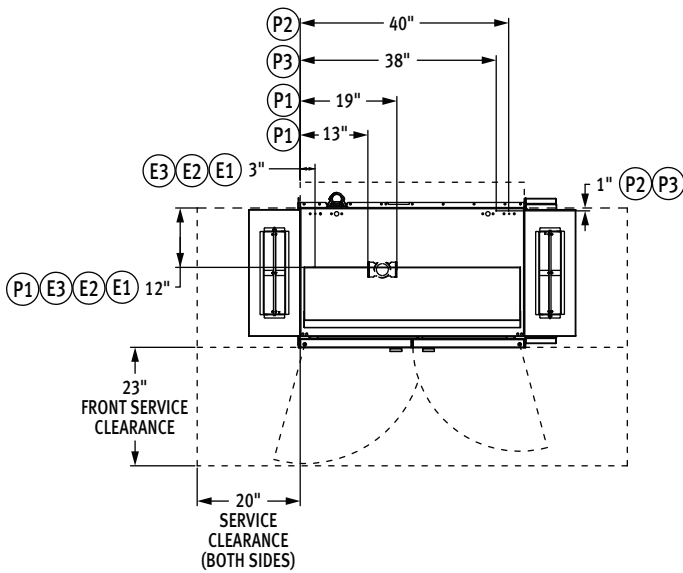
CL SERIES – CL44-DWR ELECTRIC

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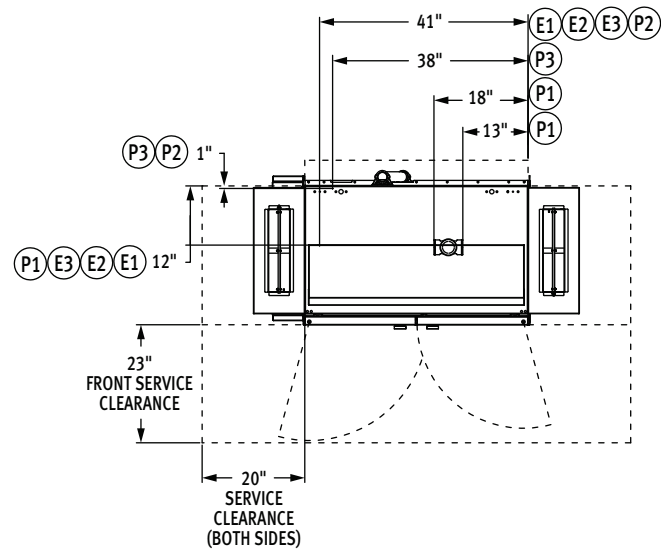


CL44-DWR ELECTRIC

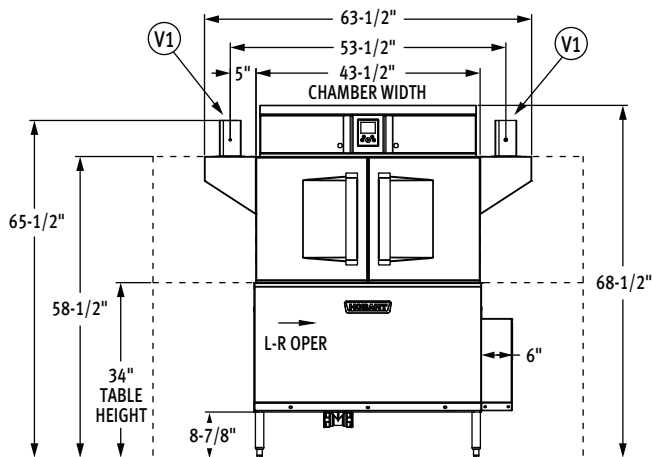
High Temperature Rack Conveyor Dishwashing Machine



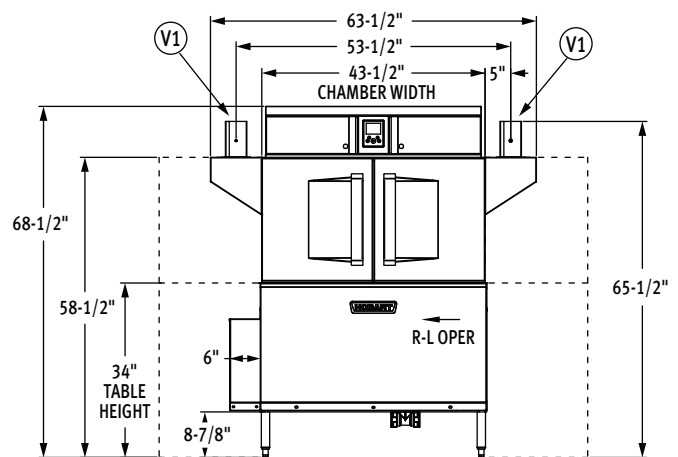
Top View Left to Right Machine



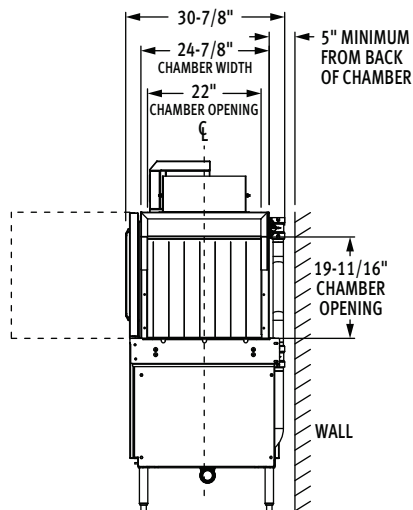
Top View Right to Left Machine



Front View Left to Right Machine



Front View Right to Left Machine



Side View

MODEL:
CL44-DWR ELECTRIC
L-R OPERATION
00-563920
REV A

MODEL:
CL44-DWR ELECTRIC
R-L OPERATION
00-563930
REV A



CL44-DWR 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	Hot water connection: 1/2" FPT, 12" AFF, 18kW booster, 110°F minimum.
P3	Cold water connection: 1/2" FPT, 12" AFF, 55°F minimum and 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
Conveyor Speed (feet per minute)	5.6

Motor Horsepower

Drive	1/6
Wash	2
Final Rinse	2/3
Drain Water Energy Recovery	1/5

Water Consumption

U.S. Gallons per Hour	90
U.S. Gallons per Rack	.045
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

Venting

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

Shipping Weight (approximate) 640 lbs.

Crated Dimensions 53"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	109.6	150
240/60/3	99.9	125
480/60/3	51.7	60
600/60/3	39.1	50

E2	Dual Point Electrical Connection with Internal Booster (Field Conversion Only)			
E3	(E2) Motors, Tank Heat		(E3) Controls, 18 kW Booster Heater	
Voltage	Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device	Rated Amps	Minimum Supply Circuit Ampacity/ Maximum Protective Device
208/60/3	51.1	70	58.5	80
240/60/3	48.1	60	51.8	70
480/60/3	24.5	30	27.2	35
600/60/3	16.7	20	22.4	30

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.



CL44-DWR ELECTRIC

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.

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.

CL44-DWR Electric Heat Dissipation

Booster	BTU/HR.	
	Latent	Sensible
18kW Booster	32,100	13,700

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

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

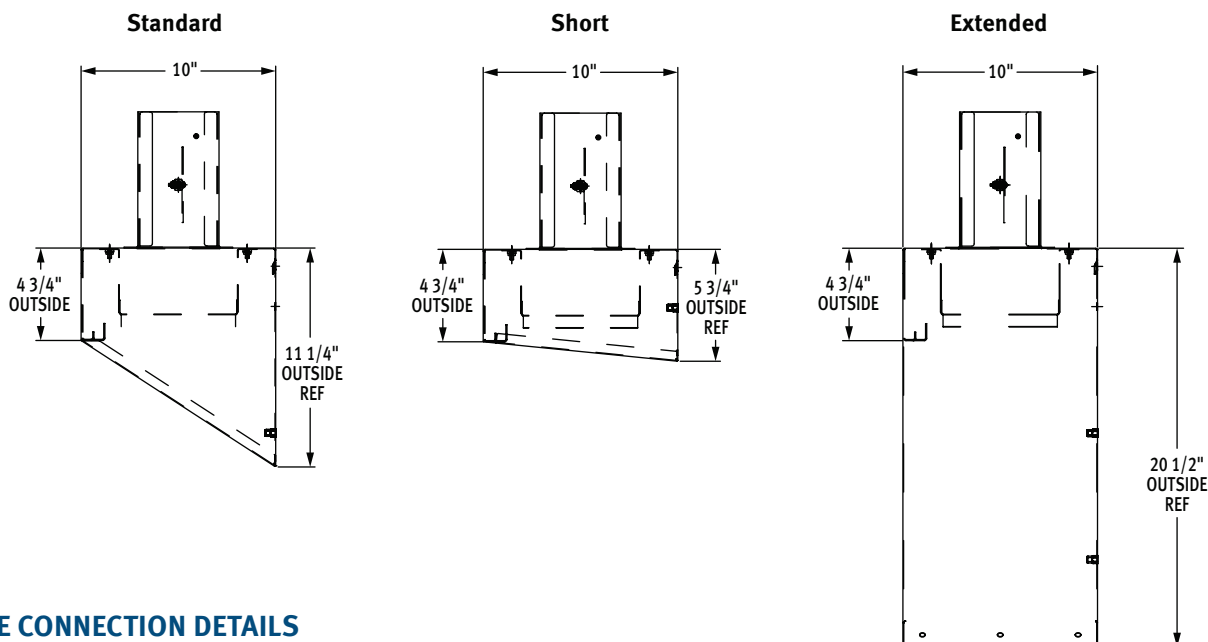
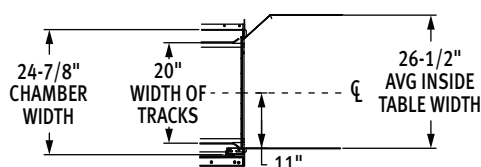
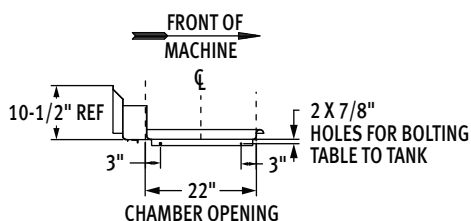


TABLE CONNECTION DETAILS

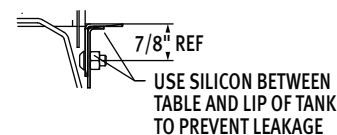
Tabling Connection: 44" inside tank (at table connection)



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.



Powermite® Gas Booster Water Heaters

Models: PMG-100, -200

The Hatco Powermite® Gas Booster Water Heater provides 180°F (82°C) sanitizing hot water and long life dependability. Designed to fit under the dishtable, near the dishwasher, to minimize the heat loss that can occur when heaters are installed in a remote location. They can operate on either natural or propane gas and feature a burner system that utilizes both primary and secondary air for consistent ignition.

Standard features

- Stainless steel tanks
- Stainless steel front and top, with powdercoated sides and back (stainless steel body available)
- Finned tube copper heat exchanger
- Spark to light with standing pilot
- Three tube type burners in the PMG-100, six tube type burners in the PMG-200
- Temperature/pressure relief valve
- Pressure reducing valve
- Two temperature/pressure gauges
- Low-water cut-off
- Blended phosphate water treatment system
- Shock absorber

BOOSTER SIZING

Water Temperature Recovery Table in GPH (LPH) and °F (°C)

Model	Input MBH (1,000 BTU/HR)	Temperature Rise				
		30° (16°)	40° (22°)	50° (28°)	60° (33°)	70° (39°)
PMG-100	105	321 (1215)	241 (912)	193 (731)	161 (610)	138 (522)
PMG-200	195	602 (2279)	452 (1711)	361 (1367)	301 (1139)	258 (977)

Note: Installations above 2,000 ft. (610 m) will reduce the above capacities and may require orifice changes to meet IAS safety compliance. Consult "Installation and Operating Manual" for sizing adjustments and orifice changes.

WATER QUALITY REQUIREMENTS

Incoming water in excess of 3.0 grains of hardness per gallon (GPG) (.75 grains of hardness per liter) must be treated and softened before being supplied to booster heater(s). Water containing over 3.0 GPG (.75 GPL) will decrease the efficiency and reduce the operating life of the unit.

Note: Product failure caused by liming or sediment buildup is not covered under warranty.

Project _____
Item # _____
Quantity _____



Options (available at time of purchase only)

- ☐ Stainless steel body and base
- ☐ Security package (Torx® screws and control cover)

Accessories

- ☐ Brass Pressure Reducing Valve
- ☐ Stainless steel floor mounting leg assembly
- ☐ 6"-7" (152-178 mm) Adjustable Stainless Steel Legs (4)
- ☐ Air Interlock Switch
- ☐ Back Pressure Relief Valve
- ☐ High Altitude Orifice Kit (PMG-200 only)



IFS anti-microbial coatings use naturally-occurring, environmentally sustainable, silver ions to help inhibit the growth of microbes on the powder coated surface. See www.hatcocorp.com/antimicrobial-paint for more information.



For operation, location and safety information, please refer to the Installation and Operating Manual.



ANSI/NSF 5



**MADE IN
THE USA**

HATCO CORPORATION

P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. | (414) 671-6350



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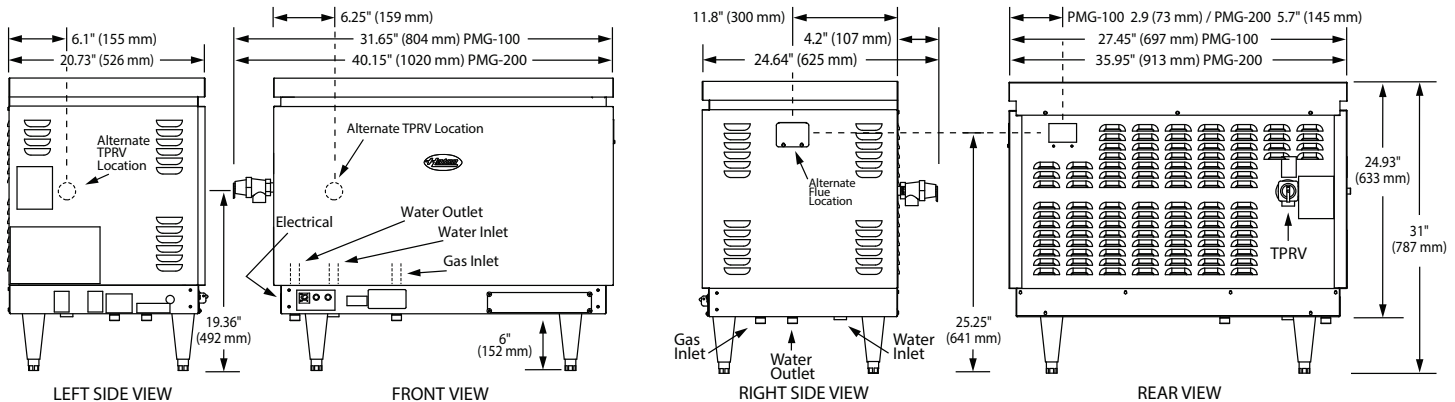
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Powermite® Gas Booster Water Heaters

Models: PMG-100, -200



Models PMG-100 & PMG-200

SPECIFICATIONS

Powermite® Gas Boosters

Model	Dimensions (Width x Depth x Height*)	Capacity	Fuel	Vent [^]	Ship Weight*
PMG-100	27.45" x 20.73" x 31" (720 x 625 x 787 mm)	Input 105,000 BTUs/Hour Output – 84,800 = 24.8kW	Natural at 3.5" (89 mm) high burn or Propane/LP at 10" (254 mm) high burn	Forced draft system with 4" (102 mm) diameter vent pipe adapter	193 lbs. (88 kg) dry
PMG-200	35.95" x 24.64" x 31" (913 x 625 x 787 mm)	Input 195,000 BTUs/Hour Output – 156,000 = 45.7kW			228 lbs. (103 kg) dry

* Shipping weight includes packaging.

* Height includes 6" (152 mm) legs.

If using supplied right angle duct adaptor, add 6" (152 mm) to width or depth of unit.

[^] Before installing any method of venting you should contact the local code authority or your gas supplier to make sure that the final installation will be acceptable to the authorities who have jurisdiction. The proper method of venting a power vented gas appliance is too complicated to cover in this specification sheet and is explained in detail in the National Fuel Gas Code. Before installing the venting system, the person or agency making the installation must be familiar and experienced with the guidelines of the National Fuel Gas Code.

ALL INSTALLATIONS MUST BE MADE BY A QUALIFIED INSTALLER IN ACCORDANCE WITH THE NATIONAL FUEL GAS CODE OR LOCAL CODES.

Electrical

120 VAC, 360 watt, 3.00 amps

Connections

Gas – ¾" NPT, Water – ¾" NPT

Electric – 120 VAC, 15 amp

Fluing

Direct – combustion air enters bottom, flue gasses exit right side or back at top of unit. 4" (102mm) flue round

Operating Water Pressure

150 PSI (1034 kPa) max. Relief valve set at 150 PSI (1034 kPa), 210° F (99° C)

Operating Pressure Specifications at Manifold

Gas Type	Water Column at Pressure Tap
	High Burn
Natural	3.5" (89 mm)
Propane/LP	10" (254 mm)

Gas Inlet Pressure

Gas Type	Water Column	
	Minimum	Maximum
Natural	5" (127 mm)	10.5" (267 mm)
Propane/LP	11" (254 mm)	13" (330 mm)

PRODUCT SPECS

Gas Booster Water Heaters

The Gas Booster Water Heater shall be a Powermite® model manufactured for commercial use by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The booster shall have the capacity to heat ... gph (lph) from 110°F to 180°F (43°C to 82°C) and it shall be rated at ... btu, 120 volts, single phase. The stainless steel tank shall be designed for a working pressure of 150 psi (1034 kPa) and hydrostatically tested at 300 psi (2069 kPa).

The heater shall be complete with all internal plumbing, including ¾" NPT pipe and fittings from inlet and outlet. All controls shall be built-in, and carry safety approval in accordance with ANSI 21.10.3. Sanitary approval shall be in accordance with NSF Standard 5. Proper surface mounting circuit breaker or fused disconnect switch shall be provided by electrical contractor.

The gas fired heating system shall be controlled by close tolerance immersion thermostats. The booster shall be protected with high temperature limit switch (ECO) and low water cut-off.

The heater shall consist of stainless steel front, top and stainless steel adjustable legs or stainless steel front and silver-gray hammertone sides and back with standard 6" (152 mm) legs.

The heater shall include a temperature/pressure relief valve, high-temperature limit, pressure reducing valve with bypass, indicating temperature/pressure gauge, shock absorber, and blended phosphate water treatment system.

Warranty consists of 24/7 parts and service assistance (US and Canada only).

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