Champion®
The Dishwashing Machine Specialists

PROJECT: _____

ITEM # _____ QTY: _____

MODEL # _____

AIA # _____ SIS # _____

DH6000 VHR

VENTLESS HEAT RECOVERY DOOR MACHINE HOOD-TYPE

Rendered image is for general visual representation only. Please refer to specifications for the latest detailed product information.

OPTIONS & ACCESSORIES

- ☐ Built-in detergent and rinse aid pumps
- ☐ Drain water tampering Kit (mounted)
- ☐ Racks (Peg & Flat)
- ☐ Corner operation splash baffle
- ☐ Water hammer kit (unmounted)
- ☐ Pumped drain
- ☐ Dual point electrical connection
- ☐ Hose Install Kit
- ☐ Direct Link & Plus+ Connectivity Solution

STANDARD FEATURES

- **Ventless Heat Recovery**
- **Advanced Touchscreen Display**
  intuitive condition alerts, with multi-lingual user-friendly cleaning and operational guidance
- **Enhanced Visual On-Board Diagnostics**
  quickly identify machine faults for rapid resolution and less downtime
- **Energy Saving Programmable Sleep Mode**
  heaters power down after user determined period of inactivity
- **Rinse Sentry**
  extends wash cycle until booster reaches optimal sanitization temperature before final rinsing process
- **40 Racks Per Hour**
- **0.73 Gallons Per Rack**
- **Factory Authorized Startup**
- **Field Convertible Electrical**
  ability to convert from three phase to single phase incoming power
- **Door Interlock**
  ensures maximum energy recovery and limits condensation from entering the dishroom
- **Automated Delime Function**
  customizable alert intervals based on site water quality
- **Field Convertible Feed Orientation**
  configurable for front load, corner installation, and pass through
- **NSF Dual**
  rated conforms to nsf standards for stationary rack dish machine and pot and pan machine
- **Auto Start**
  machine automatically starts selected wash cycle when door is closed
- **High Efficiency 2 HP Wash Pump**
- **Automatic Drain Valve**
  heavy duty, gear driven full port ball valve stainless and brass construction
- **Vent Fan, Detergent, And Rinse Aid Signal Provided**
- **Four User Selectable Wash Cycles**
  users can select 1, 2, 4, and 6 minute wash cycles depending on soil load
- **Cycle Counter**
  records number of cycles machine has run since installation
- **Energy Star Certified**

SPECIFIER STATEMENT

Specified unit will be Champion model DH6000 with Ventless Heat Recovery and Condensate Removal, high temperature hood-type dishwashing machine. Features HMI controls, Rinse Sentry, Auto start, up to 40 racks/hour, 0.73 US gals/rack [2.76 liters/rack, 0.61 imp. gals/rack].

1 Year parts and labor warranty.

Certifications apply to the machine only.

In the USA:
3765 Champion Blvd, Winston-Salem, NC 27105
Tel: (336) 661-1556 Fax: (336) 661-1979
www.championindustries.com

In Canada:
2674 N. Service Rd., Jordan Station, Ontario, Canada L0R1S0
Tel: (905) 562-4195 Fax: (905) 562-4618
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APPROVAL: _____ DATE: _____

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DH6000 VHR

VENTLESS HEAT RECOVERY DOOR MACHINE HOOD-TYPE

Shipping weight crated: 450 lbs. Dimensions shown in inches

SPECIFICATIONS

Capacities

Racks per hr. (NSF rated)	40
Wash tank (gal.)	10
Motor Horsepower	2 HP
Water Consumption	
Gal. per hr. (max. use)	39
Gal. per rack	0.73
Temperature °F	
Wash	150
Rinse	180
Heating	
Tank heat, electric	5.2 kW
Electric Booster	7.5 kW

	Dish-washer Mode	Pot & Pan Mode		
Selectable cycle times in minutes	1	2	4	6
Time cycles in seconds				
Wash	36	94	214	334
Rinse	8	10	10	10
Sanitary Dwell	16	16	16	16
Vent Fan	30	30	30	30
Total	**90**	**150**	**270**	**390**

Note: Water Hammer Arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

Machine & Built-in Booster (Standard)

Elec. Specs	Rated Amps	Min. Supply Ckt. Conductor Ampacity	Max. Overcurrent Protective Device
208-240/60/1	72-81	100	100
208-240/60/3	48-50	60	60
480/60/3	21	30	30

Machine Only (two point electrical connection or no built-in booster)

Elec. Specs	Rated Amps	Min. Supply Ckt. Conductor Ampacity	Max. Overcurrent Protective Device
208-240/60/1	36-39	50	50
208-240/60/3	26-27	30	30
480/60/3	10	15	15

Booster Only (two point electrical connection or no built-in booster)

Elec. Specs	Rated Amps	Min. Supply Ckt. Conductor Ampacity	Max. Overcurrent Protective Device
208-240/60/1	36-42	50	50
208-240/60/3	21-24	30	30
480/60/3	11	15	15

Plumbing Notes: Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating valves (PRVs) may be needed. (Water PRV is standard on machines with booster.) The PRVs can either be purchased from Champion or obtained locally.

Champion does not endorse using on-demand (tankless) water heating systems, as well as PEX and other plumbing materials that may limit water flow, as these could impair machine performance. For optimal results, we recommend using appropriately sized conventional hot water tanks and standard copper water supply lines that adhere to our specifications. Not following these recommendations may void the manufacturer's warranty.

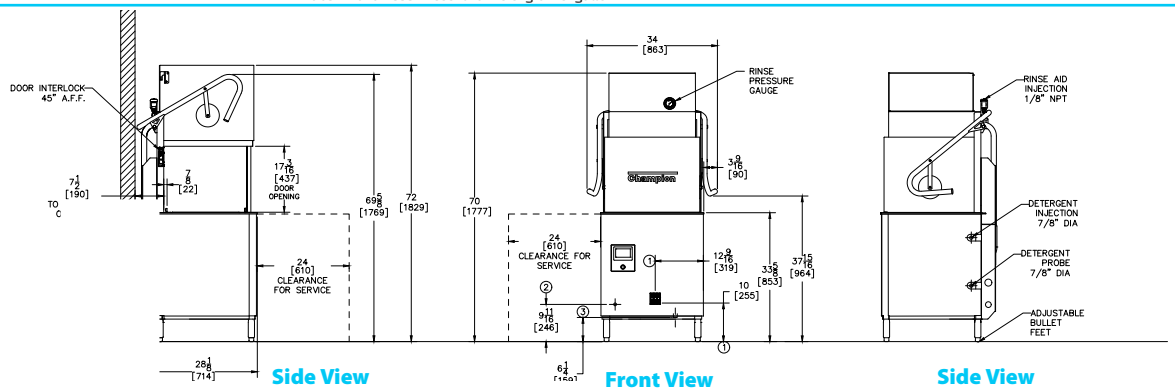
Water Hardness: Less than 3.5 grains/gallon.

Utilities

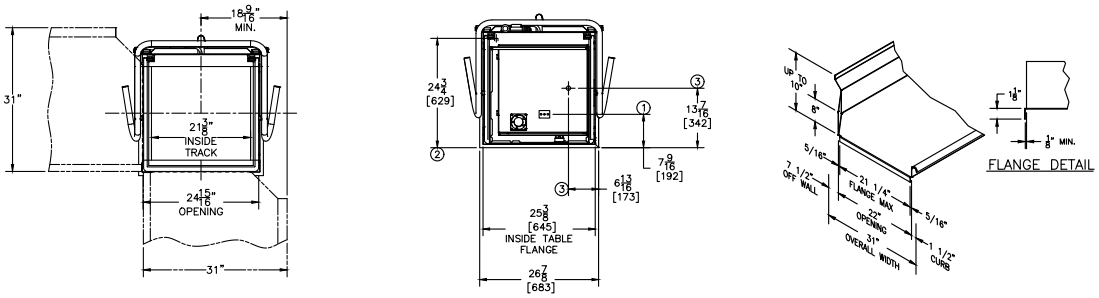
1	**Electrical** Machine Connection (see electrical box)
2	**Cold Water** 3/4" NPT Cold Water 50° - 75°F 45 PSI dynamic incoming Final rinse 18 PSI
3	**Drain** 1" NPT Connection Gravity flow 15 Drain Max Flow Rate (g/min)
4	**Drain Water Tempering** 1/2" Cold water line with customer supplied cut-off valve (optional)
5	**Integrated Detergent System** Detergent bottle supply connections (optional)

Warning: Plumbing, electrical connections should be made by qualified personnel who will observe all the applicable plumbing, sanitary and safety codes and the National Electrical Code.

Note: Optional Drain Tempering: 3/4" NPT cold water connection required. 3/4" NPT drain connection from back flow preventer to house drain. (FIELD INSTALLED and PLUMBED).



Side View | Front View | Side View



Corner Table Configuration | Plan View | Typical Table Construction

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Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

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