Champion®
The Dishwashing Machine Specialists

PROJECT: _____
ITEM # _____ QTY: _____
MODEL # _____
AIA # _____ SIS # _____

# DH6000

## HIGH TEMPERATURE 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)
- ☐ Ventless/Heat Recovery/Condesnsate Removal Option
- ☐ Racks (Peg & Flat)
- ☐ Corner operation splash baffle
- ☐ Built-In booster configured to ensure 180° rinse
- ☐ Water hammer kit (unmounted)
- ☐ Pumped drain
- ☐ Dual point electrical connection
- ☐ Door interlock
- ☐ Hose Install Kit
- ☐ Direct Link & Plus+ Connectivity Solution

## STANDARD FEATURES

- **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
- **60 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
- **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 high temperature hood-type dish washing machine. Features HMI controls, Rinse Sentry, Auto start, up to 60 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:**
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APPROVAL: _____ DATE: _____

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# DH6000

## HIGH TEMPERATURE DOOR MACHINE HOOD-TYPE

Shipping weight crated: 450 lbs. Dimensions shown in inches

## SPECIFICATIONS

**Capacities**

| | |
|---|---|
| Racks per hr. (NSF rated) | 60 |
| 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 |
| Total | **60** | **120** | **240** | **360** |

**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 | 48-54 | 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.

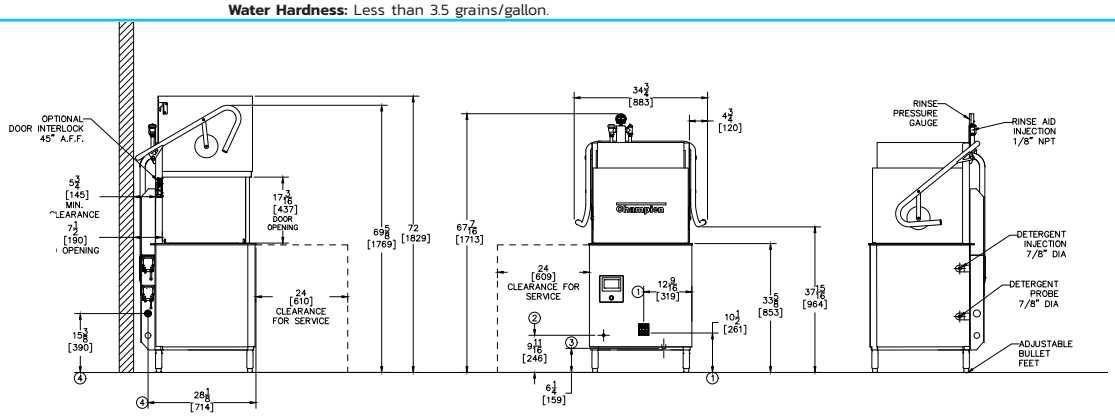
**Water Hardness:** Less than 3.5 grains/gallon.

## Utilities

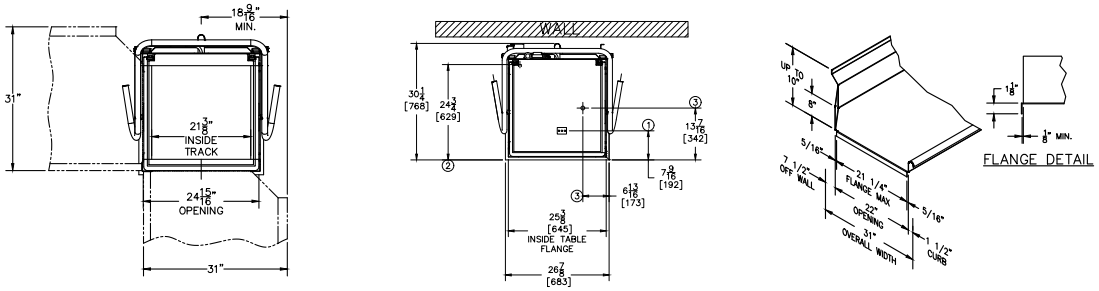
| | |
|---|---|
| **1** | **Electrical**<br>Machine Connection<br>(see electrical box) |
| **2** | **Hot Water**<br>3/4" NPT Hot Water 110° - 140°F<br>45 PSI dynamic min. incoming<br>Final rinse 18 PSI |
| **3** | **Drain**<br>1" NPT Connection Gravity flow<br>15 Drain Max Flow Rate (g/min) |
| **4** | **Drain Water Tempering**<br>1/2" Cold water line with customer supplied cut-off valve (optional) |
| **5** | **Integrated Detergent System**<br>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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