Champion®
The Dishwashing Machine Specialists

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

DH3000

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

- ☐ Drain water tempering kit (mounted)
- ☐ Corner operation splash baffle
- ☐ Built-in booster configured to ensure 180° rinse
- ☐ Water hammer kit (unmounted)
- ☐ Pumped drain
- ☐ Racks Peg & Flat additional

STANDARD FEATURES

- **Advanced 4.3" 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
- **Varicycle**
  allows user to extend wash time up to 16 minutes for maximum cleaning of heavily soiled wares
- **Rinse Sentry**
  extends wash cycle until booster reaches optimal sanitization temperature before final rinsing process
- **55 Racks Per Hour**
- **0.76 Gallons Per Rack**
- **Factory Authorized Startup**
- **Field Convertible Electrical**
  ability to convert from three phase to single phase power, 208 or 240 Volt compatible
- **Automated Delime Function**
  customizable alert intervals based on site water quality
- **Automatic Drain Valve**
  heavy duty, gear driven full port ball valve stainless and brass construction
- **Auto Start**
  machine automatically starts selected wash cycle when door is closed
- **Flexible Configuration Options**
  can be field configured for corner or straight through operation
- **Standard Single Point Connection**
- **Vent Fan, Detergent, And Rinse Aid Signal Provided**
- **Low Water Tank Heat Protection**
- **Energy Star Certified**

SPECIFIER STATEMENT

Specified unit will be Champion Model DH3000 High Temperature Door-Type dishwashing machine. Features top mounted splash proof controls, user intuitive 4.3" color display, Varicycle extendable wash timer, rinse sentry, autostart, automatic drain, automatic delime function, and on-board diagnostics. Machine can also be field or factory converted to display French/English and Fahrenheit/Celsius.

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

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APPROVAL: _____ DATE: _____

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DH3000

HIGH TEMPERATURE DOOR MACHINE HOOD-TYPE

Shipping weight crated: 450 lbs. Dimensions shown in inches

Utilities

1	**Electrical** Machine Connection (see electrical box)
2	**Hot Water** 3/4" NPT Hot Water 110° - 140°F 45 PSI dynamic min. incoming Final rinse 20 PSI
3	**Drain** 1" NPT Connection Gravity flow 15 Drain Max Flow Rate (g/min)
4	**Drain Water Tempering** 1/2" NPT Cold Water 25 PSI Dynamic Minimum Incoming

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: 1/2" NPT cold water connection required. 1/2" NPT drain connection from back flow preventer to house drain. (FIELD INSTALLED and PLUMBED).

Note: 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 optimal performance results.

Machine & Built-in Booster (Standard)			
Electrical Rating	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	65-75	80	80
208-240/60/3	40-45	50	50

Machine Only (Dual Point)			
Electrical Rating	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	31-35	45	45
208-240/60/3	21-23	30	30

Booster Only (Dual Point)			
Electrical Rating	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	36-42	45	45
208-240/60/3	21-25	30	30

Water hardness of 3 grains/US Gal (0.83 Imp Gal) - 5.3 Mg/L or less

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.

SPECIFICATIONS

Capacity

Racks per hr (NSF rated)	60
Wash tank (US gal.)	9.5
Motor Horsepower	1 HP

Water Consumption

US Gal. per rack	0.76

Temperature

Wash (°F)	150
Rinse (°F)	180

Heating

Tank heat, electric (kW)	5.2
Electric booster (kW)	7.5

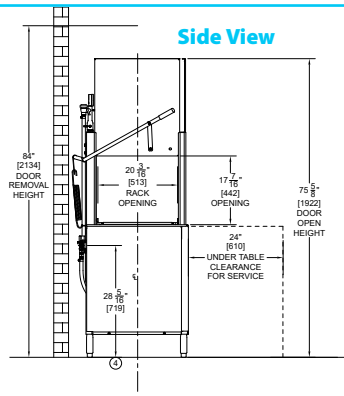
Time cycles in minutes

Wash cycle time	1	
Varicycle extended wash		Up to 16

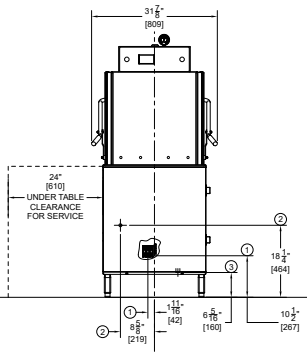
Time cycles in seconds

Wash	35	Up to 960
Dwell	1	1
Rinse	7	7
Sanitary Dwell	17	17
Total	**60**	**Up to 985**

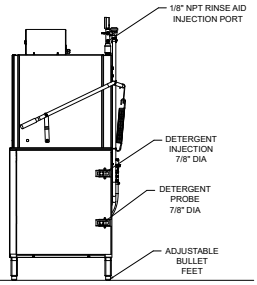
Side View

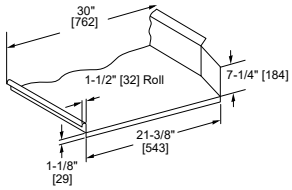


Front View

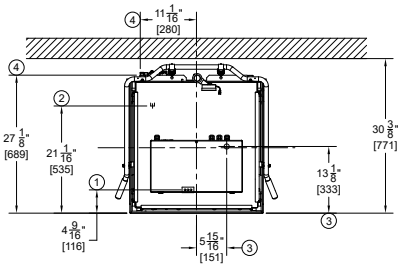


Side View

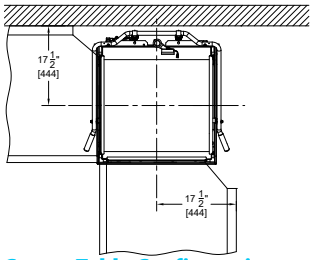




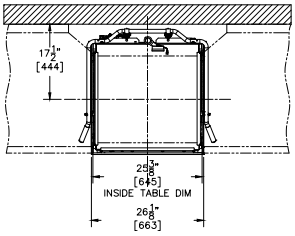
Typical Table Construction



Plan View



Corner Table Configuration



Straight Through Configuration

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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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