

# Champion®

The Dishwashing Machine Specialists

Project \_\_\_\_\_  
Item No. \_\_\_\_\_  
Quantity \_\_\_\_\_

## STANDARD FEATURES

- **NEW** Factory authorized startup
- **ENERGY STAR®** Qualified
- **Exclusive** cold water feed only!
- **NEW Exclusive** Built-in 70° Rise booster configured
- **New Dry Assist** – Speeds normal drying process
- Rinse Sentry – ensures 180°F final rinse
- Auto start – starts unit when hood is closed
- Single point electrical connection
- High efficiency 1 HP pump
- Up to 37 racks per hour
- Self draining pump
- Automatic tank fill
- Detergent/chemical connections
- Interchangeable upper and lower spray arm
- Automatic drain valve – drains wash tank when power is off
- Vent fan control
- Bottom mounted digital controls
- PRV (Pressure Reducing Valve)
- Sloped hood keeps hot vapors away from operator
- Standard and Heavy Duty wash cycles

## DH5000-VHR

High Temperature  
Hood-type Dishwashing Machine

*Ventless  
Heat Recovery  
Condensate  
Removal*



DH5000-VHR HOOD-TYPE

## OPTIONS & ACCESSORIES

- ☐ Drain Water Tempering Kit
- ☐ Door interlock – locks door closed during the vent fan cycle
- ☐ Racks
  - ☐ Peg
  - ☐ Flat
- ☐ **NEW** Champion ION scale prevention system



## SPECIFIER STATEMENT

Specified unit will be Champion model DH5000-VHR high temperature hood-type dishwashing machine.

Features sloped hood, electronic controls, Rinse Sentry, Auto start, interchangeable stainless steel wash and rinse arms, up to 53 racks/hr., .83 US gals/rack.

1 year parts and labor warranty.

Champion Industries, Inc.  
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# DH5000-VHR

High Temperature Hood-type  
Dishwashing Machine

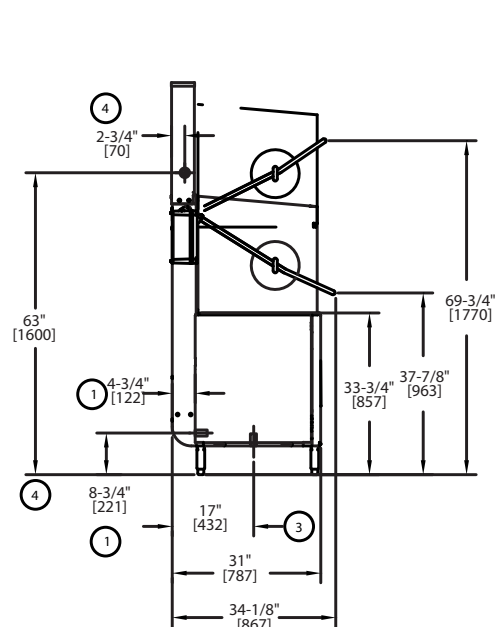
**Champion®**  
The Dishwashing Machine Specialists

Shipping weight crated: 350 lbs.

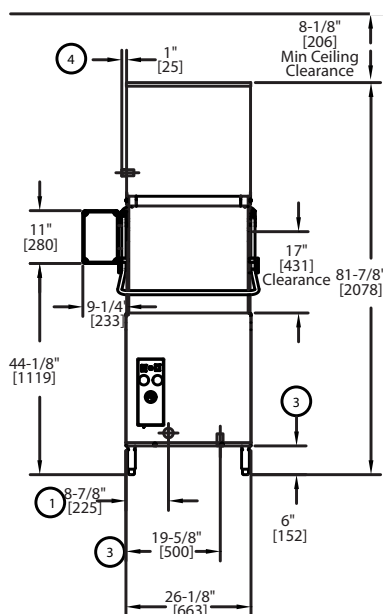
Dimensions shown in inches and [mm]

## VENTLESS/HEAT RECOVERY/CONDENSATE REMOVAL

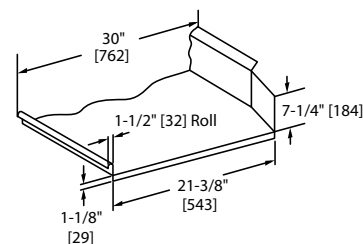
Removes heat and water vapor at the end of the cycle while recovering the normally exhausted heat and transferring it to the required 70°F riser. No vent hood required.



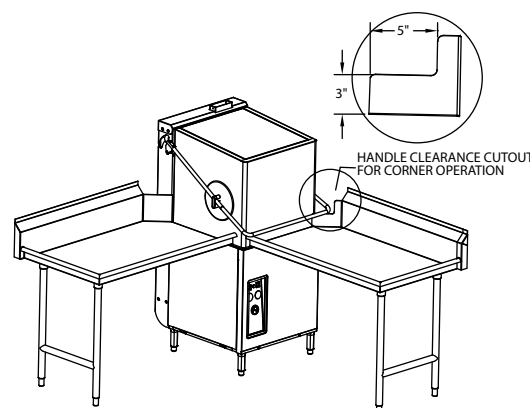
**Side View**



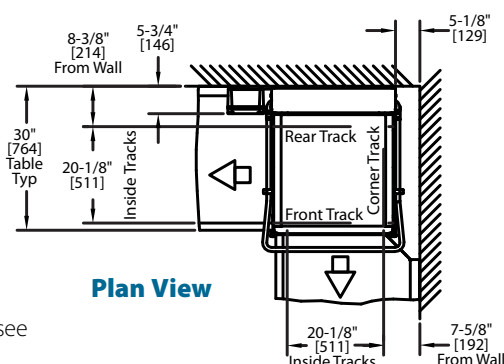
**Front View**



**Typical Table Construction**



**Corner Configuration**



**Plan View**

For standard machine dimensions see  
DH5000 drawing

### Utilities

- 1 Electrical**  
Machine Connection (See Electrical Box)
- 3 Drain**  
2" OD Connection  
15 GPM max flow
- 4 Cold Water**  
3/4" NPT Cold Water from 50°F to 80°F  
40-45 PSI Flow pressure (machine operates at 20)

**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.

### Machine and Built-in 70°F Rise Booster

Voltage	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/1	79	100	100
240/60/1	90	100	100
208/60/3	48	60	60
240/60/3	54	60	60
480/60/3	22	25	25

## SPECIFICATIONS

### Capacities

Racks per hr.	37
Wash tank (gal.)	9.5

### Motor horsepower

1 HP

### Water consumption

Gal. per hr. (max. use)	30.7
Gal. per rack	0.83

### Temperature °F

Wash	150
Rinse	180

### Heating

Tank heat, electric	5.2 kW
Electric Booster	10 kW

### Time cycle in seconds

	Standard	Extended
Wash	35	65
Rinse	10	10
Sanitary Dwell	15	15
Vent Fan	30	30
Total cycle	90	120

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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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