

# Champion®

The Dishwashing Machine Specialists

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

## STANDARD FEATURES

- **NEW Factory authorized startup**
- **ENERGY STAR® Qualified**
- **NEW Exclusive** Built-in booster configured for both 40° and 70° Rise
- **New Dry Assist** – Speeds normal drying process (Direct Vent and Ventless HR Models)
- 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 53 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

## OPTIONS & ACCESSORIES

- ☐ Drain Water Tempering Kit
- ☐ Direct Vent Option with fan
- ☐ Ventless/Heat Recovery/Condensate Removal option
- ☐ Door interlock – locks door closed during the vent fan cycle (DV & VHR)
- ☐ Hot water coil with gas booster
- ☐ Racks
  - ☐ Peg
  - ☐ Flat
- ☐ **NEW** Champion ION scale prevention system

## Genesis

DH5000 High Temperature Hood-type Dishwashing Machine



Direct Vent



Ventless  
Heat Recovery  
Condensate Removal

## GENESIS



## SPECIFIER STATEMENT

Specified unit will be Champion model Genesis, DH5000 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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# Champion®

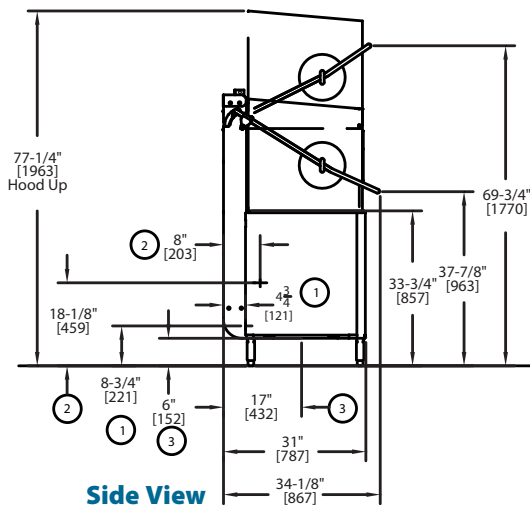
The Dishwashing Machine Specialists

# GENESIS

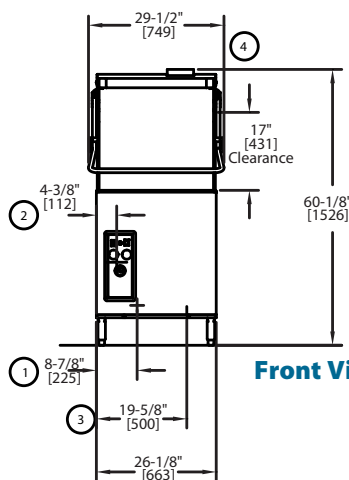
DH5000 High Temperature  
Hood-type Dishwashing Machine

Shipping weight crated: 300 lbs.

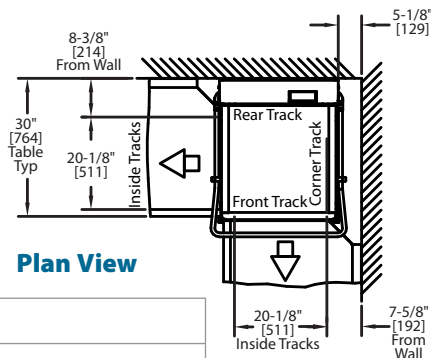
Dimensions shown in inches and [mm]



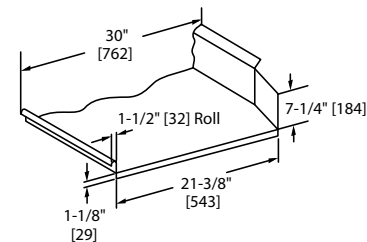
Side View



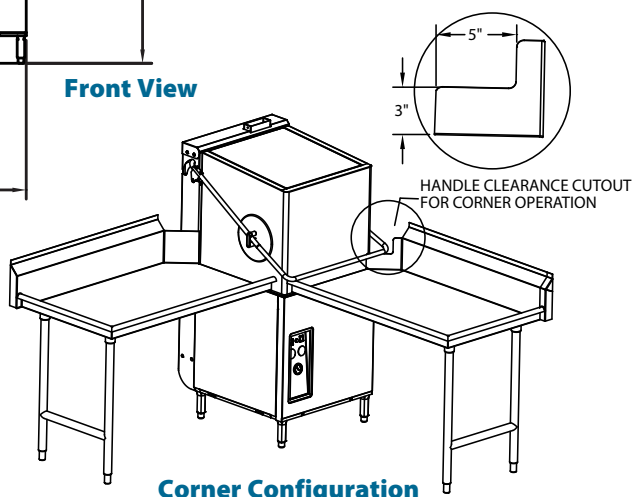
Front View



Plan View



Typical Table Construction



Corner Configuration

## Utilities

<b>1 Electrical</b>	Machine Connection (See Electrical Box)
<b>2 Hot Water</b>	3/4" NPT Hot Water 110° - 140°F 20-22 PSI Flow Pressure
<b>3 Drain</b>	2" OD Connection 15 GPM Max Flow
<b>4 Exhaust</b>	250 CFM Hood Required

**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.

## Electric Heat, No Booster

Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	31-35	45	45
208-240/60/3	20-22	30	30
460-480/60/3	10	15	15

## Electric Heat, 40°/70° Rise Booster

Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	67-76	80	80
208-240/60/3	41-47	60	60
460-480/60/3	21-22	25	25

## SPECIFICATIONS

### Capacities

Racks per hr. (NSF rated)	53
Wash tank (gal.)	9.5

### Motor horsepower

1 HP

### Water consumption

Gal. per hr. (max. use)	45.7
Gal. per rack	0.83

### Temperature °F

Wash	150
Rinse	180

### Heating

Tank heat, electric	5.2 kW
Electric Booster	7.5-10 kW

### Time cycle in seconds

	Standard	Extended
Wash	35	65
Rinse	10	10
Sanitary Dwell	15	15
Total cycle	60	90

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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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# GENESIS

DH5000 High Temperature  
Hood-type Dishwashing Machine

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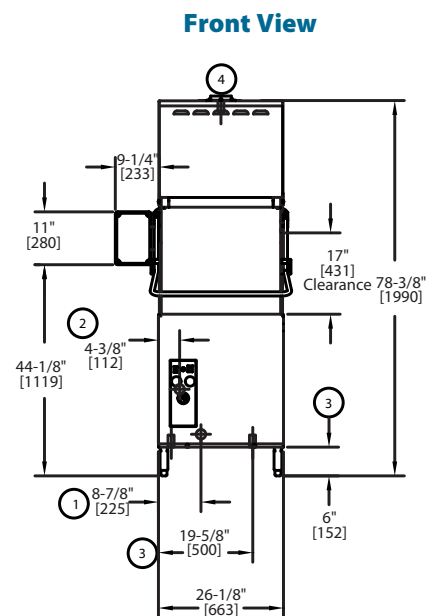
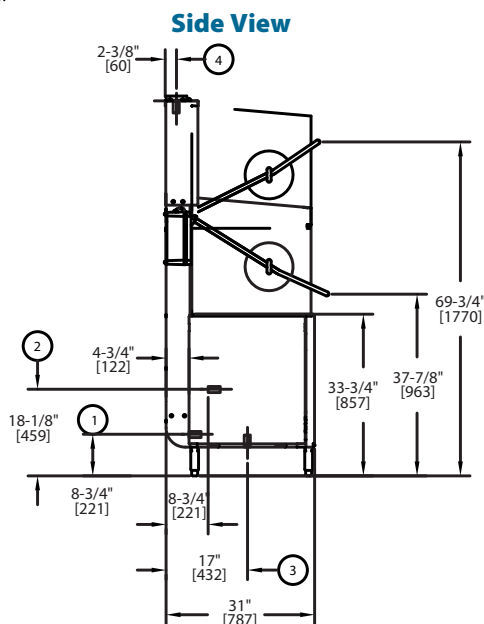
GENESIS HOOD-TYPE

Shipping weight crated: 350 lbs.

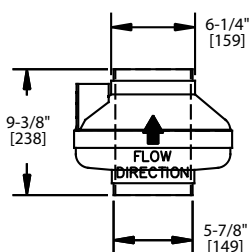
Dimensions shown in inches and [mm]

## DIRECT VENT OPTION

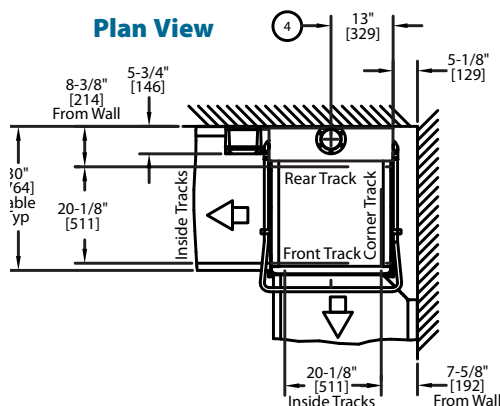
Allows unit to vent directly to the outside.  
No vent hood required.



### Fan Detail



### Plan View



## SPECIFICATIONS

### Capacities

Racks per hr.	48
Wash tank (gal.)	9.5

### Motor horsepower

1 HP

### Water consumption

Gal. per hr. (max. use)	39.8
Gal. per rack	0.83

### Temperature °F

Wash	150
Rinse	180

### Heating

Tank heat, electric	5.2 kW
Electric Booster	7.5-10 kW

### Time cycle in seconds

	Standard	Extended
Wash	35	65
Rinse	10	10
Sanitary Dwell	15	15
Vent Fan	10	10
Total cycle	70	100

For standard machine dimensions  
see DH5000 drawing

### Utilities

<b>1 Electrical</b>	Machine Connection (See Electrical Box)
<b>2 Hot Water</b>	3/4" NPT Hot Water 110° - 140°F 20-22 PSI Flow pressure
<b>3 Drain</b>	2" OD Connection 15 GPM max flow
<b>4 Exhaust</b>	250 CFM Fan 4" Round Duct

**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.

### Electric 40°/70° Rise Booster

Voltage	Rated Amps	Min. Supply Ckt. Conductor Ampacity	Max. Overcurrent Protective Device
208-240/60/1	67-76	80	80
208-240/60/3	41-47	60	60
460-480/60/3	21-22	25	25

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## DH5000 High Temperature Hood-type Dishwashing Machine

Shipping weight crated: 350 lbs.

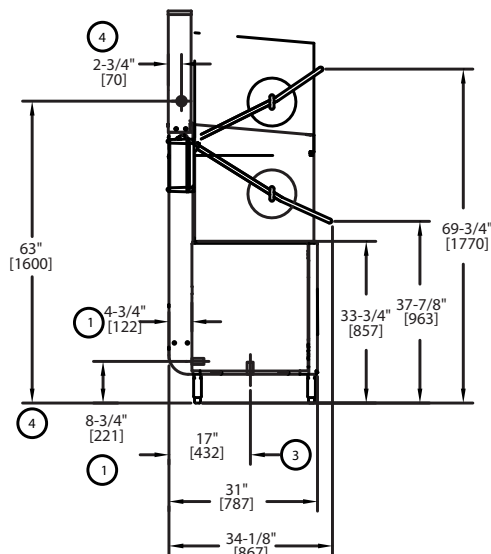
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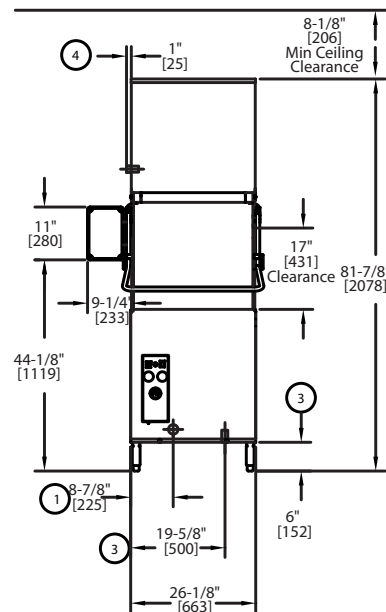
Dimensions shown in inches and [mm]

## VENTLESS/HEAT RECOVERY/CONDENSATE REMOVAL OPTION

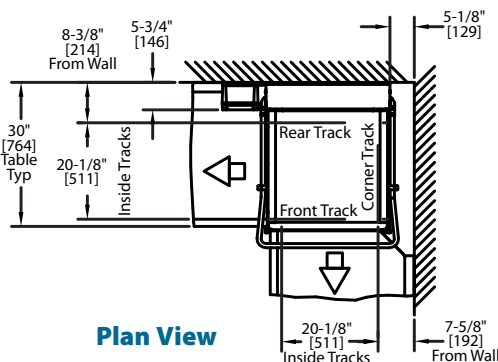
Removes heat and water vapor at the end of the cycle while recovering the normally exhausted heat and transferring it to the booster. No vent hood required.



Side View



Front View



Plan View

For standard machine dimensions see DH5000 drawing

### Utilities

<b>1 Electrical</b>	Machine Connection (See Electrical Box)
<b>3 Drain</b>	2" OD Connection 15 GPM max flow
<b>4 Cold Water</b>	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.

### Electric 70° 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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