

Champion®

The Dishwashing Machine Specialists

Project _____
Item No. _____
Quantity _____

GENESIS HOOD-TYPE

STANDARD FEATURES

- **ENERGY STAR® Qualified**
- **NEW Exclusive** Built-in booster configured for both 40° and 70° Rise
- **NEW Exclusive** Field convertible from three to single phase or from straight to corner operation
- 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

Genesis

DH5000 High Temperature Hood-type Dishwashing Machine



Direct Vent



Ventless Heat Recovery Condensate Removal

GENESIS

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



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.
3765 Champion Blvd., Winston-Salem, NC 27105
Tel: 336/661-1556 Fax: 336/661-1979
www.championindustries.com

GENESIS HOOD-TYPE

GENESIS

DH5000 High Temperature Hood-type Dishwashing Machine

Champion®

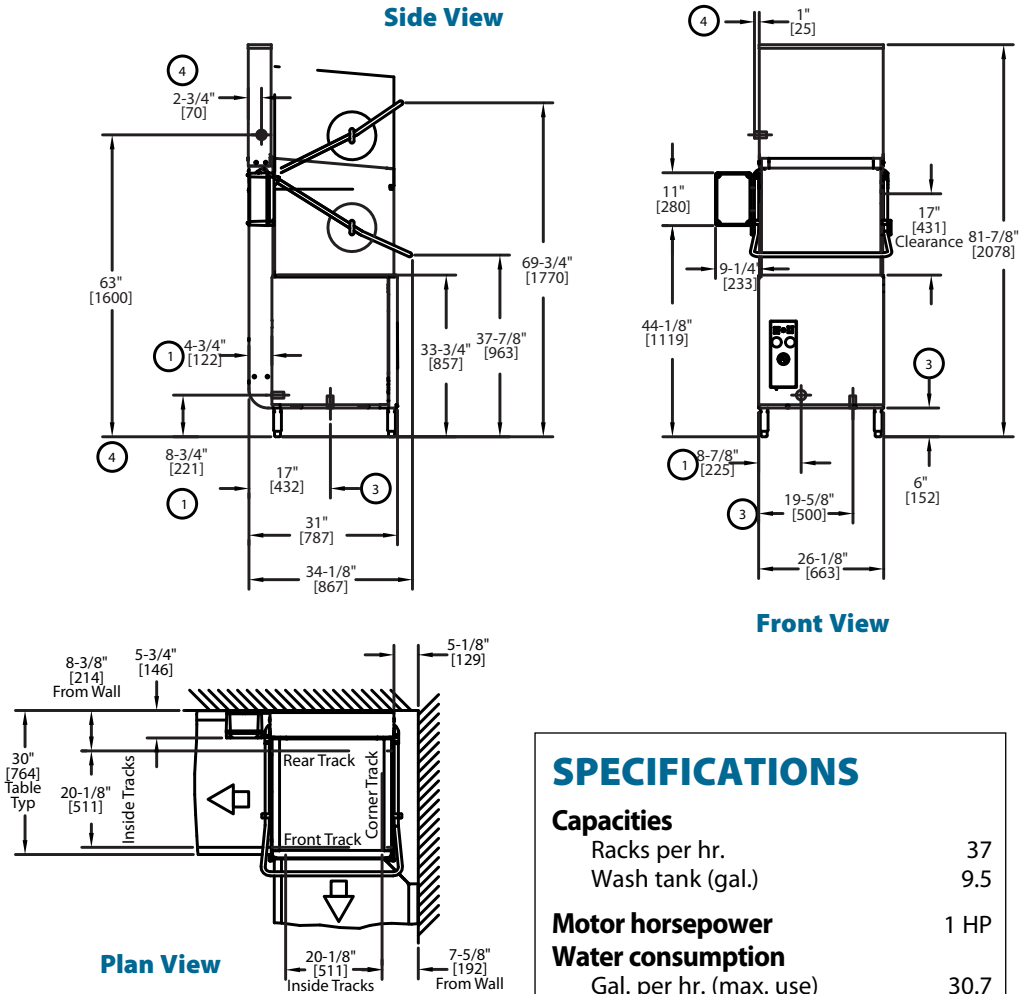
The Dishwashing Machine Specialists

Shipping weight crated: 350 lbs.

Dimensions shown in inches and [mm]

VENTLESS/HEAT RECOVERY/CONDENSATE REMOVAL 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.



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

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 70°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

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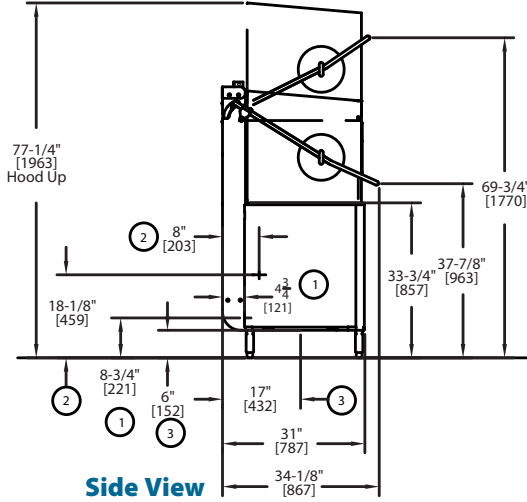
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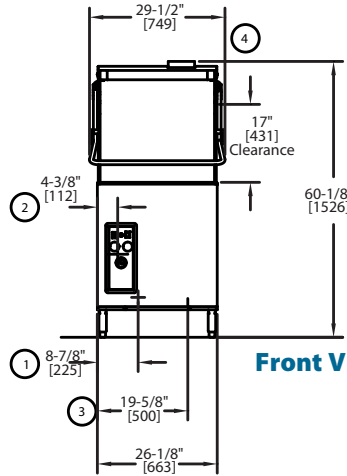
DH5000 High Temperature Hood-type Dishwashing Machine

Shipping weight crated: 300 lbs.

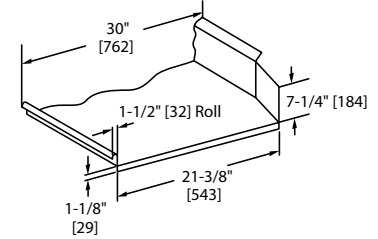
Dimensions shown in inches and [mm]



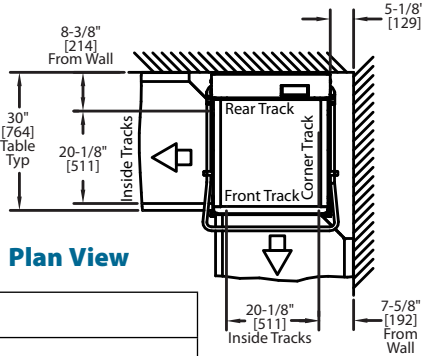
Side View



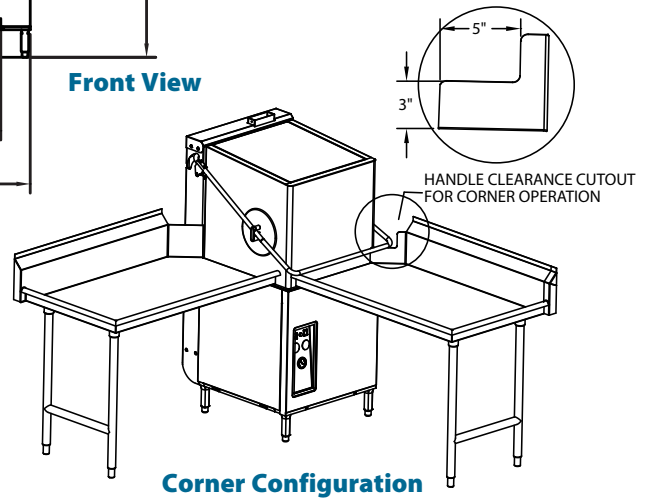
Front View



Typical Table Construction



Plan View



Corner Configuration

Utilities	
1	Electrical Machine Connection (See Electrical Box)
2	Hot Water 3/4" NPT Hot Water 110° - 140°F 20-22 PSI Flow Pressure
3	Drain 2" OD Connection 15 GPM Max Flow
4	Exhaust 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	50	50
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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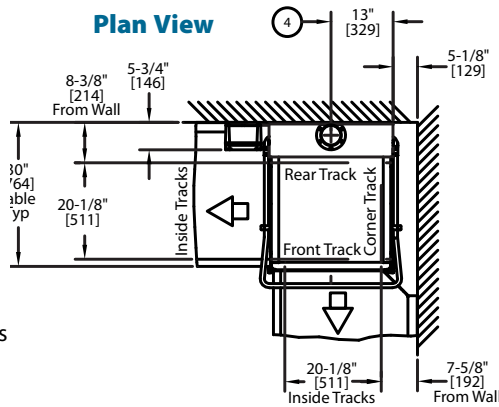
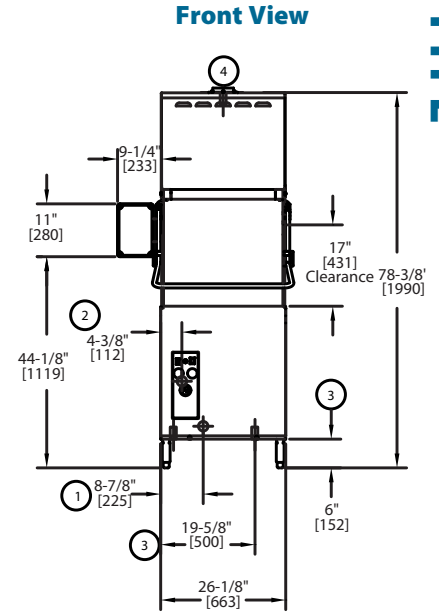
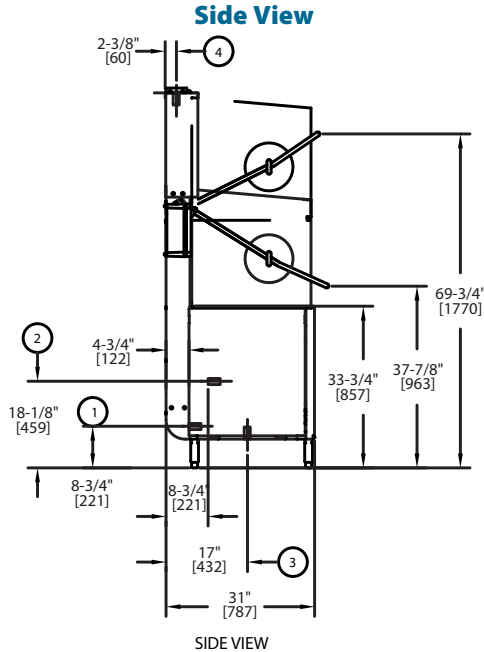
DH5000 High Temperature Hood-type Dishwashing Machine

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.



For standard machine dimensions see DH5000 drawing

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

Utilities	
1 Electrical Machine Connection (See Electrical Box)	
2 Hot Water 3/4" NPT Hot Water 110° - 140°F 20-22 PSI Flow pressure	
3 Drain 2" OD Connection 15 GPM max flow	
4 Exhaust 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	50	50
460-480/60/3	21-22	25	25

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