

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
- Field convertible from straight to corner operation
- Dual NSF listed as both a dishwasher and potwasher
- Rinse Sentry – ensures 180°F final rinse
- Auto start – starts unit when hood is closed
- Single point electrical connection
- High efficiency 2 HP pump
- Up to 60 racks per hour
- Self draining pump
- Automatic tank fill
- Detergent/chemical connections
- Interchangeable upper and lower spray arms
- Automatic drain valve – drains wash tank when power is off
- Vent fan control (with 120 Volt interwiring by others)
- Bottom mounted digital controls
- PRV (Mounted Pressure Reducing Valve)
- Sloped hood keeps hot vapors away from operator
- Standard and Heavy Duty wash cycles
- 4 selectable cycles
- 27" [686mm] extended clearance

Genesis

DH5000T High Temperature
Hood-type Dishwashing Machine



GENESIS

GENESIS HOOD-TYPE

OPTIONS & ACCESSORIES

- ☐ Drain Water Tempering Kit
- ☐ Ventless/Heat Recovery/Condensate Removal option
- ☐ Door interlock – locks door closed during the vent fan cycle
- ☐ Hot water coil with gas booster (contact factory for info)
- ☐ Single phase option
- ☐ Racks
 - ☐ Peg
 - ☐ Flat
 - ☐ Sheet Pan rack
- ☐ Corner operation splash baffle
- ☐ **NEW** Champion ION scale prevention system



SPECIFIER STATEMENT

Specified unit will be Champion model Genesis, DH5000T high temperature hood-type dishwashing machine.

Features sloped hood, electronic controls, Rinse Sentry, Auto start, interchangeable stainless steel wash and rinse arms, up to 60 racks/hr., .85 US gals [3.37 liters, 0.74 imp. 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

2674 N. Service Road
Jordan Station, Ontario, Canada L0R 1S0
Tel: 800/263-5798 Fax: 905/562-4618

www.championindustries.com

Champion®

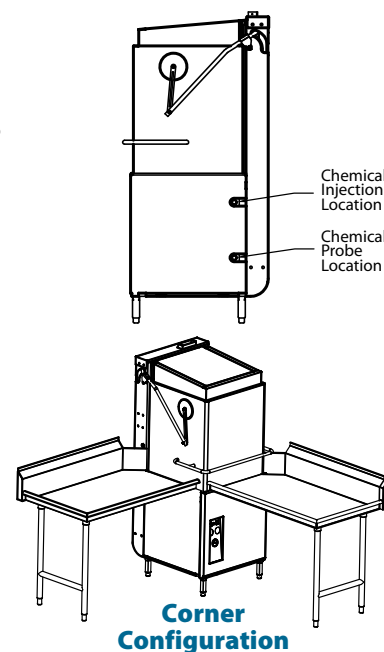
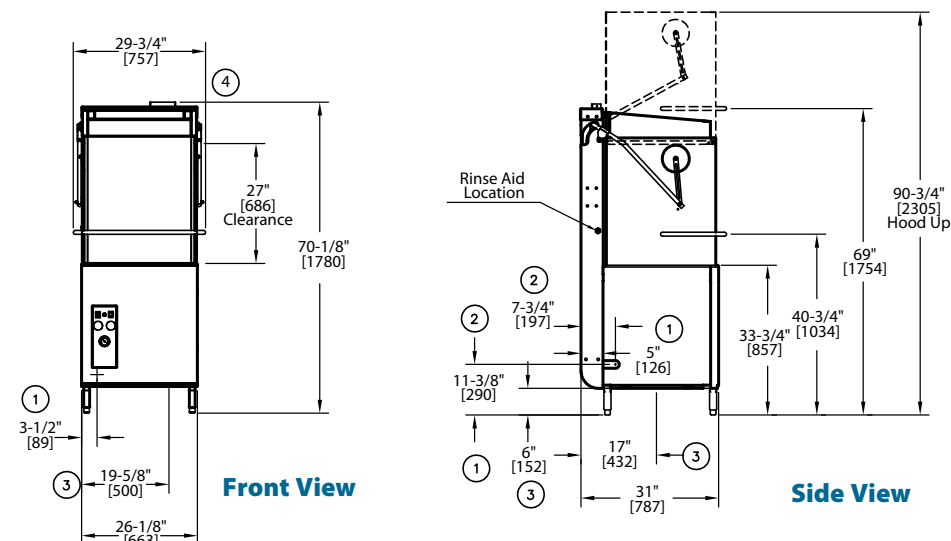
The Dishwashing Machine Specialists

GENESIS

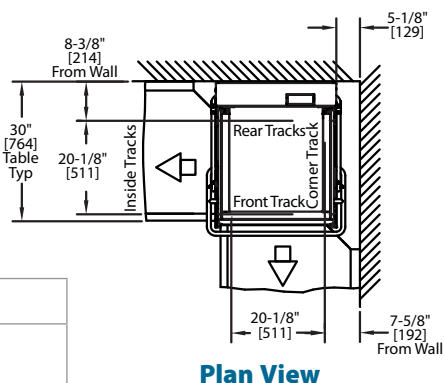
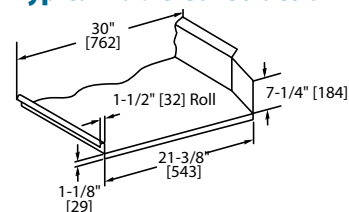
DH5000T High Temperature
Hood-type Dishwashing Machine

Shipping weight crated: 300 lbs.

Dimensions shown in inches and [mm]



Typical Table Construction



Plan View

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.

Utilities

1 Electrical	Machine Connection (See Electrical Box)
2 Hot Water	3/4" NPT Hot Water 110° - 140°F/43° - 60°C 20-22 PSI Flow Pressure
3 Drain	2" [51mm] OD Connection 15 GPM Max Flow
4 Exhaust	250 CFM Hood Required

Electric Heat, No Booster

Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	35-39	45	45
208-240/60/3	21-24	30	30
460-480/60/3	11	20	20

Electric Heat, 40°/70° Rise Booster

Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	71-81	100	100
208-240/60/3	42-48	60	60
460-480/60/3	20-21	30	30

SPECIFICATIONS

Capacities

Racks per hr.	60
Wash tank (gal.)	9.5
[liters/imp gal.]	[36/7.9]

Motor horsepower

2 HP

Water consumption

Gal. per hr. (max. use)	47
[liters/imp gal.]	[177/39]
Gal. per rack (dishwasher)	0.85
[liters/imp gal.]	[3.2/0.7]
Gal. per rack (pot & pan washer)	1.18
[liters/imp gal.]	[4.5/0.98]

Temperature °F/°C

Wash	150/66
Rinse	180/82

Heating

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

Time cycle in seconds

	Dishwasher Mode		Pot/Pan Mode	
Wash	35	65	214	334
Rinse	10	10	15	15
Sanitary Dwell	15	15	11	11
Total cycle	60	90	240	360

'USGBC' and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.

Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

Champion Industries, Inc., 3765 Champion Blvd., NC 27105 • 336/661-1556 • Fax: 336/661-1979 • www.championindustries.com

Champion Industries, Inc. www.championindustries.com/canada • sales@moyerdiebellimited.com

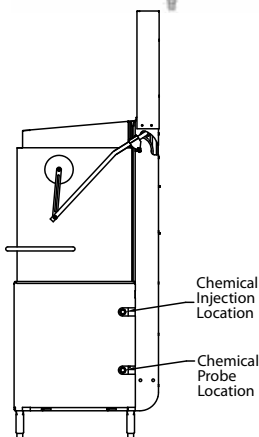
2674 N. Service Road, Jordan Station, Ontario, Canada L0R 1S0 • 800/263-5798 • Fax: 905/562-4618

Shipping weight crated: 350 lbs.

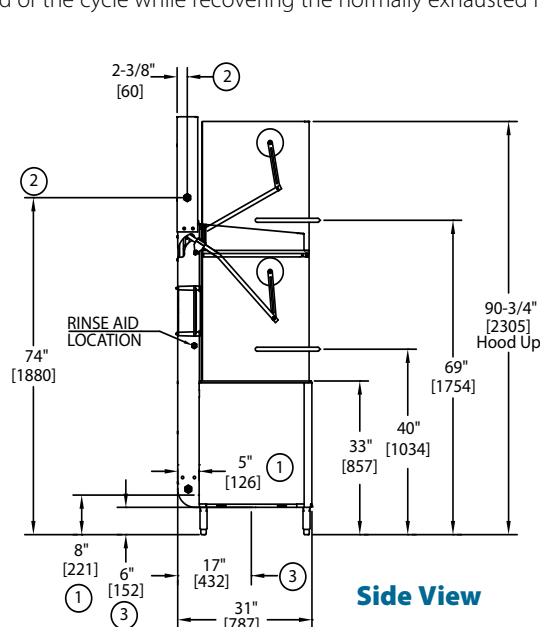
Dimensions shown in inches and [mm]

VENTLESS/HEAT RECOVERY/CONDENSATE REMOVAL OPTION

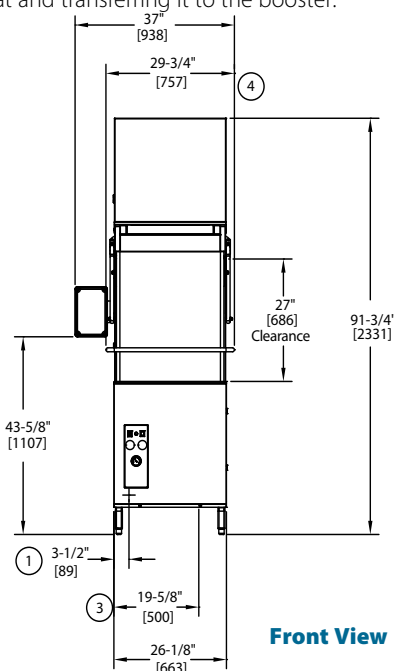
Removes heat and water vapor at the end of the cycle while recovering the normally exhausted heat and transferring it to the booster. No vent hood required.



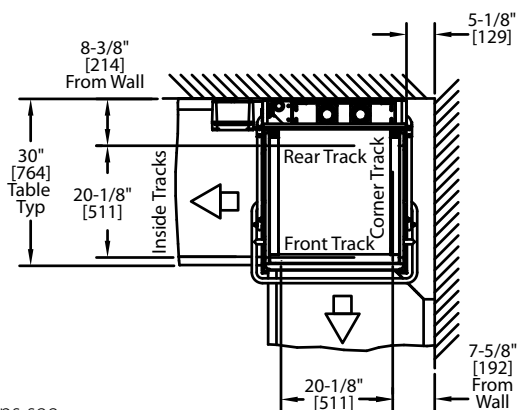
For standard machine dimensions see DH5000 drawing



Side View



Front View



Plan View

Utilities

1 Electrical	Machine Connection (See Electrical Box)
2 Cold Water	3/4" NPT Cold Water 70°F [21°C] 40 - 45 PSI (machine operates at 20 - 22)
3 Drain	2" [51mm] OD Machine Drain Connection 15 GPM max flow

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
208-240/60/1	83-95	125	125
208-240/60/3	49-56	60	60
460-480/60/3	23-24	30	30

SPECIFICATIONS

Capacities

Racks per hr.	40
Wash tank (gal.)	9.5
[liters/imp gal.]	[36/7.9]

Motor horsepower

2 HP

Water consumption

Gal. per hr. (max. use)	32
[liters/imp gal.]	[121/26.6]
Gal. per rack (dishwasher)	0.85
[liters/imp gal.]	[3.2/0.7]
Gal. per rack (pot & pan washer)	1.18
[liters/imp gal.]	[4.5/0.98]

Temperature °F

Wash	150/66
Rinse	180/82

Heating

Tank heat, electric	5.2 kW
Electric Booster	10 kW

Time cycle in seconds

	Dishwasher Mode		Pot/Pan Mode	
Wash	35	65	214	334
Rinse	10	10	15	15
Sanitary Dwell	15	15	11	11
Vent Fan	30	30	30	30
Total cycle	90	120	270	390

'USGBC' and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.

Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

Champion Industries, Inc., 3765 Champion Blvd., NC 27105 • 336/661-1556 • Fax: 336/661-1979 • www.championindustries.com

Champion Industries, Inc. www.championindustries.com/canada • sales@moyerdiebellimited.com

2674 N. Service Road, Jordan Station, Ontario, Canada L0R 1S0 • 800/263-5798 • Fax: 905/562-4618