

# Champion®

The Dishwashing Machine Specialists

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

## STANDARD FEATURES

- Automatic tank fill
- Detergent/chemical connection provisions
- Door safety switches
- Automatic electric drain valve
- One gas heating system for boosting the final rinse and tank heat
- Interchangeable upper and lower spray arms
- Low-water tank heat protection
- Pump motor, drip-proof 1 Hp
- Stainless steel pump impeller
- Stainless steel front and side panels
- Top-mounted, splash-proof control console
- Single point electrical connection (see chart)
- Balanced door lift system



## D-H1 GAS

Door-type  
 Gas Heated  
 High Temperature Dishwasher



**D-H1 GAS DOOR-TYPE**

## OPTIONS & ACCESSORIES

- ☐ Corner Model
- ☐ Drain Tempering Kit
- ☐ Vent Fan Control Switch

## SPECIFIER STATEMENT

Specified unit will be Champion model D-H1 gas heated high temperature dishwashing machine. Features top mounted control cabinet, balanced door-lift with door safety switch, interchangeable stainless steel wash and rinse arms, 55 racks/hr., 1.1 US gals/rack. Constructed of Type 304 SST. 1 year parts and labor warranty.

Champion Industries, Inc.  
 P. O. Box 4149, Winston-Salem, NC 27115  
 Tel: 336/661-1556 Fax: 336/661-1979  
[www.championindustries.com](http://www.championindustries.com)

# D-H1 GAS

Door-type  
Gas Heated  
High Temperature Dishwasher

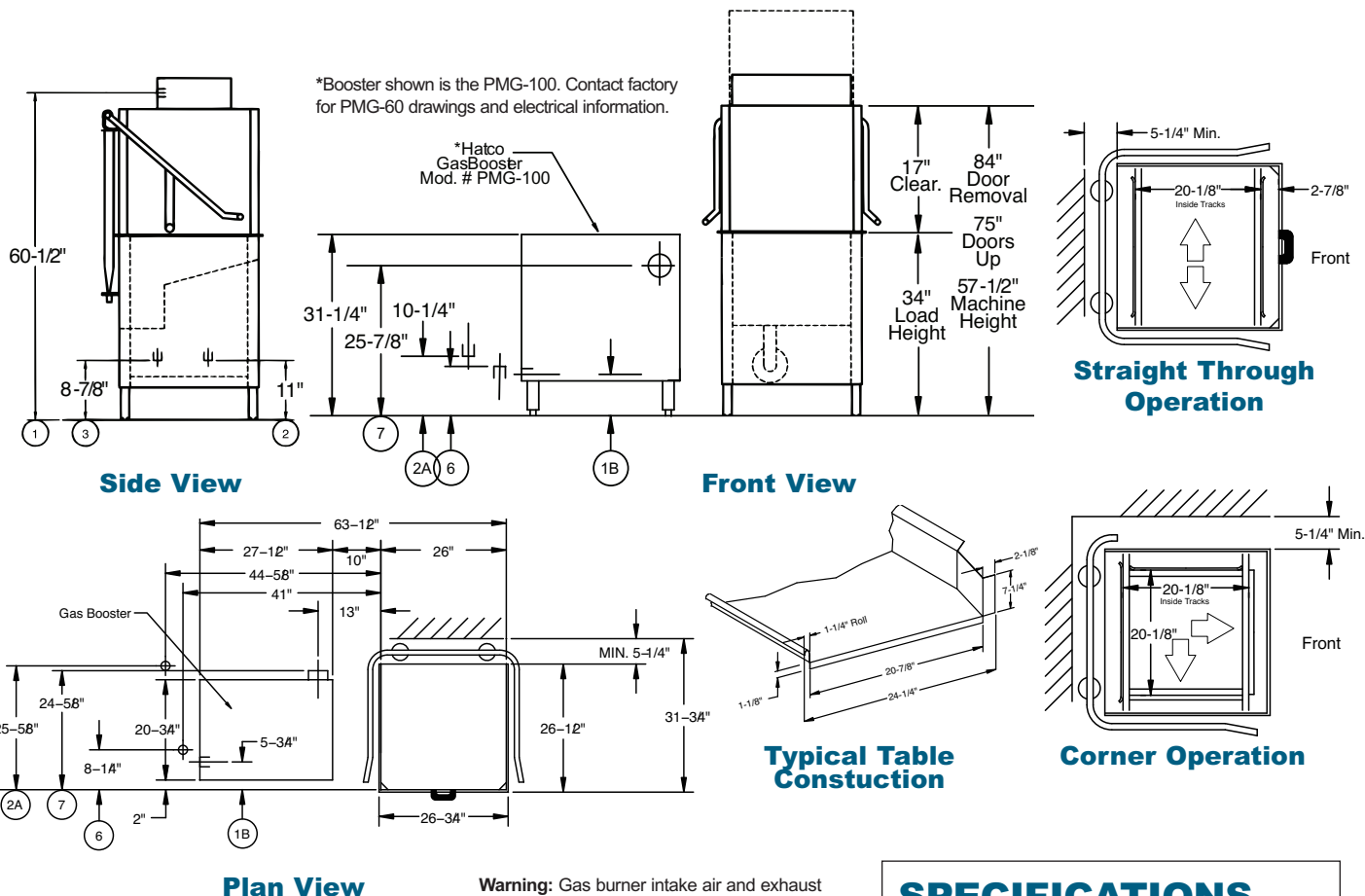


# Champion®

The Dishwashing Machine Specialists

Length between table connections: **25-3/4"**  
Shipping weight crated: **775 lbs.**

Dimensions shown in inches



## Utilities

### 1 Electrical

- A. Machine connection (see box)
- B. Booster connection requires 15 amps @ 120/60/1

### 2 Hot Water

- 3/4" NPT hot water 140°F for 40°F rise booster. 3/4" NPT hot water 110°F for 70°F rise booster. Flow pressure 20-22 psi.

### 3 Drain

- A. 2" OD machine connection
- B. 3/4" NPT relief valve to open drain
- C. 1/2" NPT vent to open drain
- D. 3/4" male threaded hose end

### 4 Gas

- 40°F rise - LP Gas 25 CFH for 60,000 BTU/hr. Natural 60 CFH for 60,000 BTU/hr.
- 70°F rise - LP Gas 41 CFH for 100,000 BTU/hr. Natural 100 CFH for 100,000 BTU/hr.
- PMG-60 requires 1/2" NPT.
- PMG-100 requires 3/4" NPT.

### 5 Gas Flue - 4" OD exhaust

- A. Rear of booster

**Warning:** Gas burner intake air and exhaust venting required in accordance with local codes. Exhaust must be vented outside.

**Plumbing Note:** Because of variation in house-supplied water pressure, pressure regulating valves (PRV's) for incoming water may be needed. The PRV's can be purchased from Champion or obtained locally.

**Note:** Water Hammer Arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

**Note:** Specify vent location option on booster when ordering.

**Note:** For corner application, contact Factory

#### Machine Load Amps

Voltage	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
115/60/1	22	30	30
208/60/1	13	20	20
240/60/1	11	15	15
208/60/3	6	15	15
240/60/3	6	15	15
480/60/3	3	15	15

**Warning:** Plumbing, gas and electrical connections should be made by qualified personnel who will observe all the applicable plumbing, sanitary and safety codes and the National Electrical Code.

## SPECIFICATIONS

### Capacities

Racks per hr. (NSF rated)	55
Wash tank (gal.)	9

### Motor horsepower

1

### Water consumption

Gal. per hr. (max. use)	61
Gal. per rack	1.1

### Temperature °F

Wash	150
Rinse	180

### Heating

Gas

PMG60 (40°F rise)	58,000 BTU/hr
PMG100 (70°F rise)	105,000 BTU/hr

### Time cycle in seconds

Wash	40
Dwell	10
Rinse	10
Total cycle	60

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

Champion Industries, Inc., P. O. Box 4149, Winston-Salem, NC 27115 • 336/661-1556 • Fax: 336/661-1979 • www.championindustries.com