

383HT

Undercounter High Temperature
Freshwater Rinse Dishwashing Machine
with Built-in Booster Heater



NEW LCD Display Graphic

SPECIFIER STATEMENT

Specified unit will be a fresh water rinse type high temperature undercounter dishwashing machine with built-in booster. Machine will be equipped with: LCD temperature readouts and cycle progress indicators. It will feature a II sentry device to ensure proper II and rinse performance as well as a drain sentry to monitor and ensure proper draining of the machine. It will have an automatic pumped drain with no standpipe and an auto-clean feature that washes the chamber at shutdown. Machine will have standard liquid detergent and rinse-aid dispensing pumps as well as a rinse-sentry feature to ensure proper 180°F final rinse temperature.

STANDARD FEATURES

- **NEW Intuitive LCD Control Display**– clearly identifies temperature and cycle time
- Solid state controls
- **Automatic Pumped Drain** no stand pipe
- **Auto Clean** washes chamber at shutdown
- **Advanced Service Diagnostics**
- **Fill Sentry** – monitors incoming water pressure to ensure proper II level and rinse performance
- **Drain Sentry** – monitors and ensures proper draining of machine
- **Rinse Sentry** – ensures proper 180°F final rinse temperature
- Automatic II at start-up
- Robust, counter-balanced, double skin door, synonymous with Moyer Diebel quality
- All standard peristaltic liquid detergent and rinse-aid dispensing pumps, top and side panels, 2 kW tank heater, flexible fill and drain lines with water strainer and pressure regulating valve for trouble-free operation
- **ENERGY STAR® Qualified**
- Low 0.84 US gal. water usage per rack
- Energy efficient – standard 30 amp. breaker, 70° rise 4 kW booster heater
- 120 second cycle time, 30 racks per hour
- Complete with one peg and one at bottom rack (20" x 20" / 508mm x 508 mm)

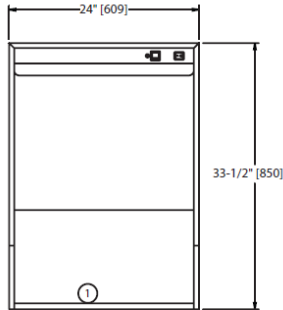
OPTIONS & ACCESSORIES

| | |
|--|-------------|
| <input type="checkbox"/> 6" kW Booster High Speed Recovery | - |
| <input type="checkbox"/> 6" Stand | P/N 0712393 |
| <input type="checkbox"/> 17RS – 17" Stand | P/N 0708757 |
| <input type="checkbox"/> Drain Tempering Kit | P/N 0714330 |
| <input type="checkbox"/> 1" Roller Kit | P/N 0712480 |
| <input type="checkbox"/> Flat Bottom Dishrack | P/N 101273 |
| <input type="checkbox"/> Peg Dishrack | P/N 101285 |

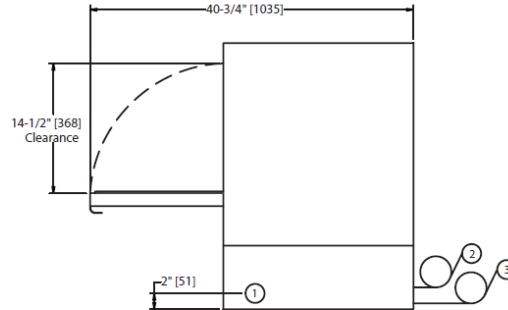


*Note: Allow additional 3" clearance from wall.

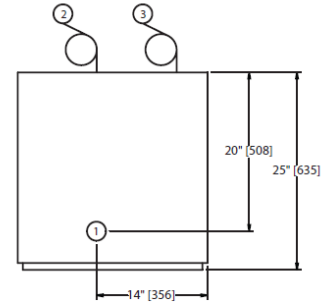
Dimensions shown in inches and [millimeters]



Front View



Side View



Plan View

Utilities

- 1 Electrical**
208-240/60/1; 3 wire + ground; hard wiring required (see boxes below)
- 2 Hot water**
140°F/60°C Min recommended, connection for 4 kW rise booster.
110°F/43°C Min., connection for 6 kW rise booster.
5 ft. long 1/2" I.D. exible II hose with 3/4" FNPT connection.
Flow pressure: 18-22 psi (124-152 kPa), PRV supplied standard
- 3 Drain Connection**
6 ft. long, 3/4" I.D. exible hose supplied with machine
Max. drain ow: 8 US gpm; 7 imp gpm

383HT with 4 kW Electric Rise Booster, 70° rise

383HT with 6 kW High Speed Recovery Booster

| Elec. Specs | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Overcurrent Protective Device |
|-------------|------------|---------------------------------|---------------------------------------|
| 208/60/1 | 22 | 30 | 30 |
| 240/60/1 | 24 | 30 | 30 |

| Elec. Specs | Rated Amps | Minimum Supply Circuit Ampacity | Maximum Overcurrent Protective Device |
|-------------|------------|---------------------------------|---------------------------------------|
| 208/60/1 | 29 | 40 | 40 |
| 240/60/1 | 31 | 40 | 40 |

| | Uncrated | Crated |
|--------------|---------------|----------------|
| Height | 33-1/2" [851] | 39-1/2" [1003] |
| Width | 24" [609] | 25" [635] |
| Depth | 25" [635] | 25-1/2" [647] |
| Ship Wt. lbs | 148/67 | 165/75 |

* Front leveling feet provided.

Warranty: One (1) year parts and labor within the United States and Canada per limited warranty terms.

Moyer Diebel – USA
3765 Champion Blvd., NC 27105
336-661-1979 • Fax: 336-661-1979

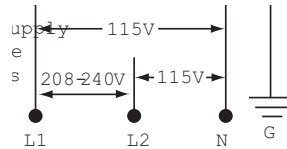
www.moyerdiebel.com

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

SPECIFICATIONS

| | |
|------------------------------|----------------|
| Capacity | |
| Racks per hr. | 30 |
| Motor horsepower | |
| Wash | 1 |
| Water consumption | |
| Gal. per hr. (max use) | |
| US Gal. / Liters | 20.1 (16.7/76) |
| Gal. per rack | |
| US Gal. / Liters | 0.84 (0.7/3.2) |
| Temperatures °F/°C | |
| Wash (min) | 150/66 |
| Rinse (min) | 180/82 |
| Heating | |
| Tank heat, electric, kW | 2 |
| Electric booster, kW | 4/6 |
| Time cycle in seconds | |
| Wash | 100 |
| Rinse | 15 |
| Drain/fill | 5 |
| Total cycle | 120 |

* Excludes 30 second NSF load/unload time



*Note: Electrical supply service must be a 3-wire plus ground for connection as shown.

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

Plumbing Notes: Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating valves (PRVs) may be needed. (Water PRV is standard on machines with booster.) The PRVs can either be purchased from Champion or obtained locally.

Champion does not endorse using on-demand (tankless) water heating systems, as well as PEX and other plumbing materials that may limit water flow, as these could impair machine performance. For optimal results, we recommend using appropriately sized conventional hot water tanks and standard copper water supply lines that adhere to our specifications. Not following these recommendations may void the manufacturer's warranty.

Water hardness of 3 grains/US Gal (0.83 Imp Gal) - 5.3 Mg/L or less