MOYER DIEBEL®
Simply Engineered Better

Project _____
Item No. _____
Quantity _____

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 ll sentry device to ensure proper ll 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 ll level and rinse performance
- **Drain Sentry** – monitors and ensures proper draining of machine
- **Rinse Sentry** – ensures proper 180°F final rinse temperature
- **Drain Sentry** – monitors and ensures proper draining of machine
- **StemSure™** – soft start to protect glasses and dishes from chipping and breaking
- Automatic ll 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

☐ 6" kW Booster High Speed Recovery	-
☐ 6" Stand	P/N 0712393
☐ 17RS – 17" Stand	P/N 0708757
☐ Drain Tempering Kit	P/N 0714330
☐ 1" Roller Kit	P/N 0712480
☐ Flat Bottom Dishrack	P/N 101273
☐ Peg Dishrack	P/N 101285

ENERGY STAR NSF c ETL US

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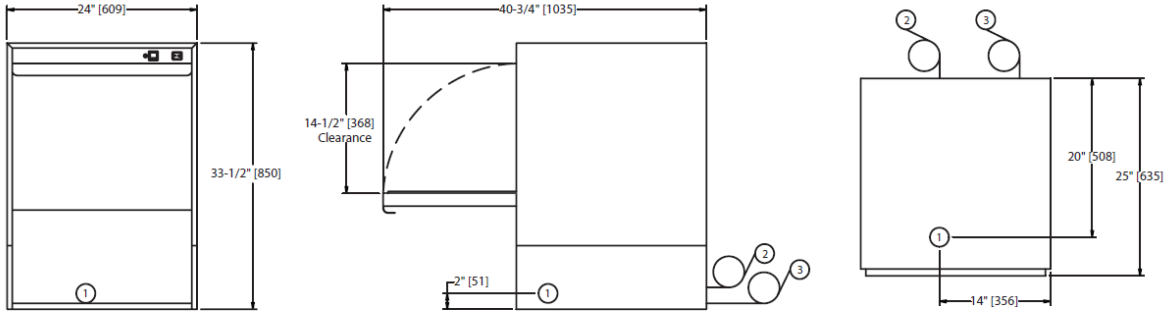
*Note: Allow additional 3" clearance from wall.

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 ll 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

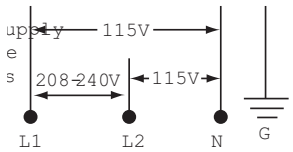
Elec. Specs	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/1	22	30	30
240/60/1	24	30	30

383HT with **6 kW** High Speed Recovery Booster

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.



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

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

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

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

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

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