

383HT-E

Undercounter High Temperature
Overflow Type Dishwashing Machine
with Built-in Booster Heater



NEW LCD Display Graphic

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 fill level and rinse performance
- **Drain Sentry** – monitors and ensures proper draining of machine
- **Rinse Sentry** – ensures proper 180°F final rinse temperature
- Automatic fill 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)

SPECIFIER STATEMENT

Specified unit will be Moyer Diebel 383HT-E undercounter high temperature dishwashing machine with built-in booster. Features include 14-1/2" [368 mm] door opening clearance, top and side panels. Unit will have Rinse Sentry feature to ensure proper 180°F/ 82°C final rinse temperature and stainless steel rinse arms with removable end caps for easy cleaning.

OPTIONS & ACCESSORIES

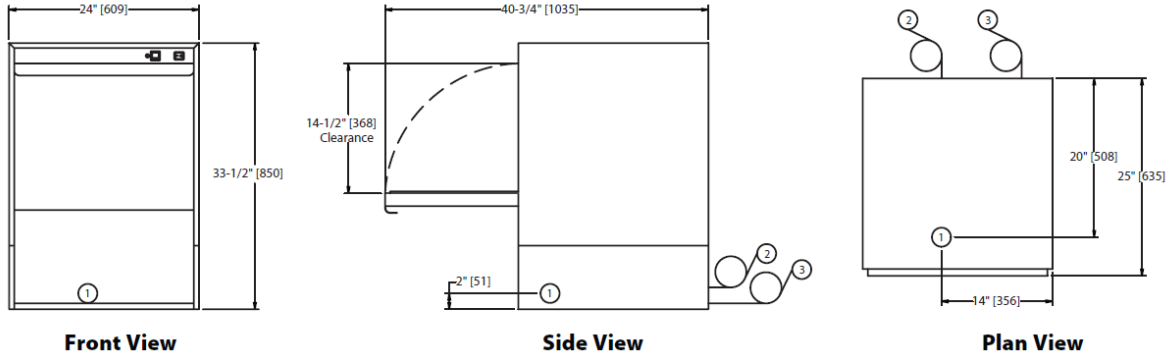
- | | |
|---|-------------|
| <input type="checkbox"/> 6" Stand | P/N 0712393 |
| <input type="checkbox"/> 17RS – 17" Stand | P/N 0708757 |
| <input type="checkbox"/> Drain Tempering Kit | P/N 0714330 |
| <input type="checkbox"/> 1" Roller Kit | P/N 0712480 |
| <input type="checkbox"/> Flat Bottom Dishrack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



International



Dimensions shown in inches (in)



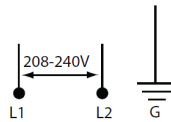
Utilities

1 Electrical	208-240/50-60/1; 2 wire + ground; hard wiring required (see boxes below)
2 Hot water	140°F/60°C Min., connection for 40°F/4.4°C rise booster. 5 ft. [1524] long, 1/2" [12] I.D. flexible fill hose with 3/4" [19] NPT connection. Flow pressure: 18-22 psi (124-152 kPa)
3 Drain Connection	6 ft. [1829] long, 1" [25] I.D. flexible hose. Max. drain flow: 8 US gpm/6.9 Imp. gals.

383HT-E M2 with **40°F/22°C Rise** Electric Booster

Electrical Specs	Rate Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/50-60/1	22	30	30
240/50-60/1	24	30	30

	Uncrated	Crated
Height	33-1/2" [851]	39-1/2" [1003]
Width	24" [609]	25" [635]
Depth	25" [635]	25-1/2" [648]
Ship Wt. (lbs.)	148 [67 kg]	165 [57 kg]



* Front leveling feet provided.

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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.

SPECIFICATIONS

Capacity	Racks per hr.	24
Motor horsepower	Wash	1
Water consumption	Gal. per hr. (max use)	
	US Gal. / Liters	20.4 / 77.3
	Gal. per rack	
	US Gal. / Liters	0.85 / 3.2
Temperatures °F/°C	Wash (min)	150/66
	Rinse (min)	180/82
Heating	Tank heat, electric, kW	2.0
	Electric booster (kW required for 40°F/4.4°C rise)	6
Time cycle in seconds	Wash	100
	Rinse	15
	Drain/fill	5
	Total cycle	120

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