



Simply Engineered Better

Project \_\_\_\_\_

Item No. \_\_\_\_\_

Quantity \_\_\_\_\_

383HT UNDERCOUNTER

# 383HT

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



Top and side panels  
are standard

## SPECIFIER STATEMENT

Specified unit will be a high temperature undercounter dishwashing machine with built-in booster and the following characteristics.

Machine will be equipped with: digital temperature readouts as well as cycle progress indicators. It will feature a fill sentry device to ensure proper fill 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 as well as 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. Specified unit will be a Moyer Diebel 383 HT or an identically equipped equivalent.

Vent hood is not recommended as unit does not produce excessive steam. Always follow local building code guidelines.

## STANDARD FEATURES

- **NEW Smart Display** – digital temperature readouts and cycle progress indicators to simplify daily operation
- **NEW** Solid state controls
- **NEW Automatic Pumped Drain** no stand pipe
- **NEW Auto Clean** washes chamber at shutdown
- **NEW Advanced Service Diagnostics**
- **NEW Fill Sentry** – monitors incoming water pressure to ensure proper fill level and rinse performance
- **NEW 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 (optional 6kW high speed recovery booster)
- 120 second cycle time. 30 racks per hour capacity
- Complete with one peg and one flat bottom rack (20" x 20"/ 508mm x 508 mm)

## OPTIONS & ACCESSORIES

- 6 kW High Speed Recovery Booster
- 6" Stand P/N 0712393
- 17RS – 17" Stand P/N 0708757
- Drain tempering kit P/N 0712949
- 1" roller kit P/N 0712480
- Flat bottom dishrack P/N 101273
- Peg dishrack P/N 101285

MD034 Printed in USA

**Moyer Diebel – USA**

3765 Champion Blvd, Winston-Salem, NC 27105 Tel: 336/661-1992 Fax: 336/661-1979 800/228-8350

www.moyerdiebel.com

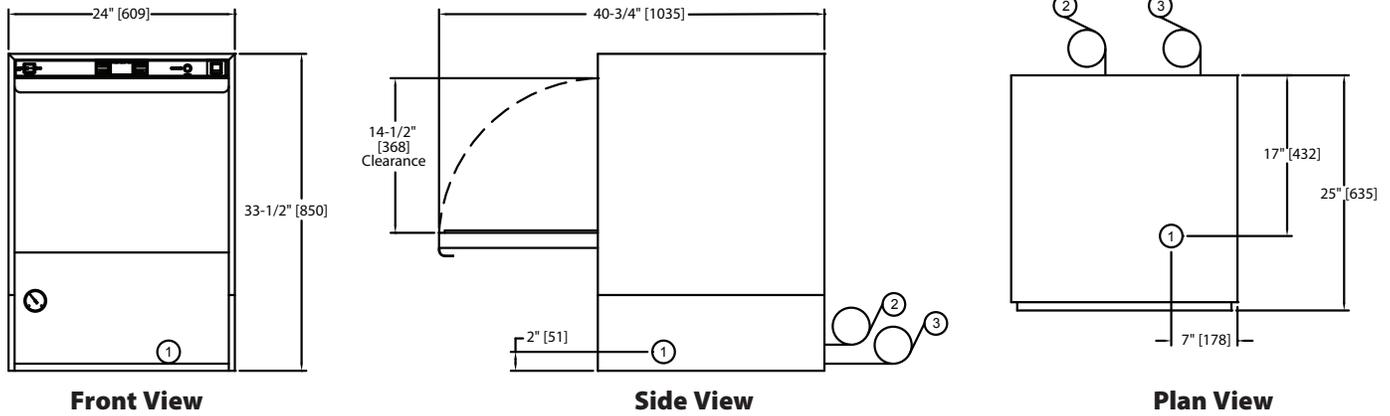


Simply Engineered Better

# 383HT

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

Dimensions shown in inches and [millimeters]



\*Note: Allow additional 3" clearance from wall.

Utilities	
<b>1 Electrical</b>	208-240/60/1; 3 wire + ground; hard wiring required (see boxes below)
<b>2 Hot Water</b>	<b>110°F/43°C Min., connection for 4 kW rise booster.</b> 5 ft. long 1/2" I.D. flexible fill hose with 3/4" FNPT connection. Flow pressure: 18-22 psi (124-152 kPa), PRV supplied
<b>3 Drain Connection</b>	6 ft. long, 3/4" I.D. flexible hose. Max. drain flow: 8 US gpm; 7 imp gpm

## SPECIFICATIONS

<b>Capacity</b>	
*Racks per hr.	27
<b>Motor Horsepower</b>	
Wash	1
<b>Water Consumption</b>	
Gal. per hr. (max. use)	
US gal. (imp gal/liters)	20.1 (16.7/76)
Gal. per rack	
US gal. (imp gal/liters)	0.84 (0.7/3.2)
<b>Temperatures °F</b>	
Wash (minimum)	150/66
Rinse (minimum)	180/82
<b>Heating</b>	
Tank heat, electric (kW)	2
Electric booster (kW)	4/6
<b>Time Cycle in Seconds</b>	
Wash	100
Rinse	15
Dwell	5
Total	120

\* Excludes 30 second NSF load/unload time

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

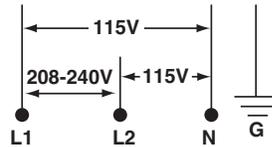
383HT with **6 kW** High Speed Recovery Booster

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

\* Front leveling feet provided.



\*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.

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

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

moyerdiebel.com

an Ali Group Company



The Spirit of Excellence