



Simply Engineered Better

301HT

Undercounter High Temperature Dishwashing Machine with Built-in Booster Heater



SPECIFIER STATEMENT

Specified unit will be Moyer Diebel 301HT undercounter high temperature dishwashing machine with built-in booster.

Features include maximum 13" door opening clearance, standard liquid detergent & rinse-aid dispensing pumps, top and side panels. Unit will have standard pumped drain and rinse-sentry feature to ensure proper 180°F final rinse temperature. Optionally, if required, unit will be supplied in 208-240/60/3 voltage.

1 yr. parts and labor warranty.



Project _____

Item No. _____

Quantity _____

301HT UNDERCOUNTER

STANDARD FEATURES

- **ENERGY STAR® Qualified**
- **NEW** Counterbalanced doors. Minimizes wear and tear on door supports.
- **NEW** Top-mounted detergent and rinse-aid prime switches.
- **Rinse-sentry feature.** Ensures proper 180°F/82°C final rinse temperature.
- **Standard** liquid detergent & rinse-aid dispensing pumps.
- Stainless steel top and side panels.
- Wash tank heater maintains water at required temperature.
- Standard pumped drain, flexible fill and drain lines and standard line strainer for total ease of installation.
- Low .74 US gal. (0.62 imp gal/2.9L) water usage per rack.
- 150 second cycle time. 20 racks per hour capacity.
- 13" [330mm] door opening accommodates cafeteria trays.
- Energy efficient – only 20 or 30 Amp. breaker required for 40°F/22°C rise.
- Complete with two 20" x 20" [508mm x 508mm] racks (one peg and one flat bottom).
- Pressure regulating valve (PRV).

OPTIONS & ACCESSORIES

- 70°F/39°C rise booster
- CST- Combination sink/table Machine on right P/N 403561
- CST- Combination sink/table Machine on left P/N 403562
- Flat bottom dishrack P/N 101273
- Peg dishrack P/N 101285
- 6" Stand P/N 0712393
- 17RS – 17" Stand P/N 0708757
- Three phase machine available

MD033 Printed in U.S.A.

Moyer Diebel – USA

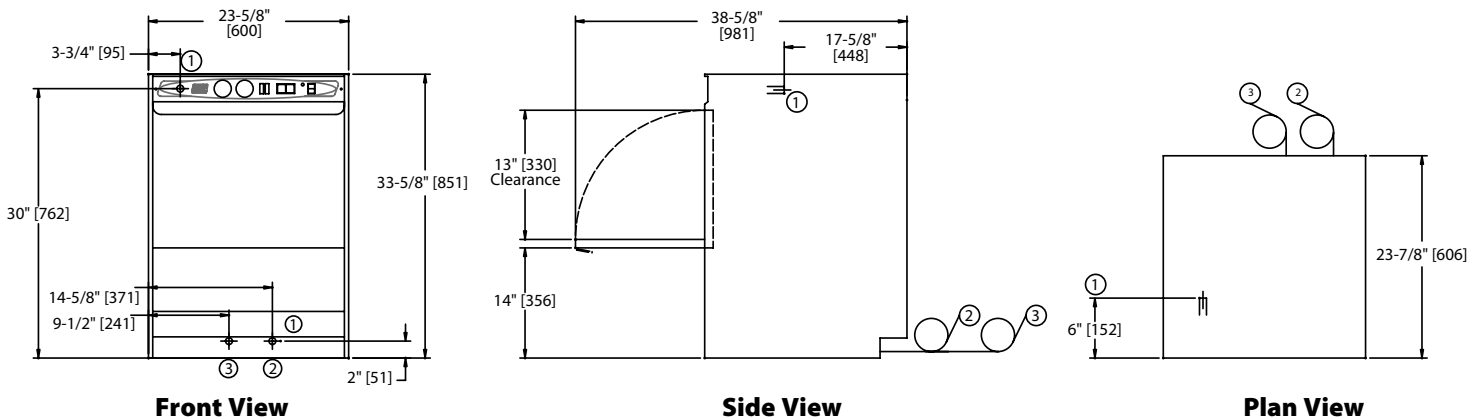
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Moyer Diebel Ltd. – Canada

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Dimensions shown in inches and [millimeters]



Utilities	
1 Electrical	208-240/60/1 or (optional 3 phase); hard wiring required (see boxes below)
2 Hot Water	140°F/60°C Min., connection for 40°F/22°C rise booster. 110°F/43°C Min., connection for 70°F/39°C rise booster. 6 ft. long 1/2" I.D. flexible fill hose with 3/4" NPT. Flow pressure: 18-22 psi (124-152 kPa), PRV supplied
3 Drain Connection	6 ft. long, 3/4" I.D. flexible hose. Max. drain flow: 8 US gpm; 30 lpm; 7 imp. gpm

SPECIFICATIONS	
Capacity	NSF Racks per hr. 20
Motor Horsepower	Wash 1
Water Consumption	Gal. per hr. (max. use) US gal. (imp. gal./liters) 14.8 (12.3/56) Gal. per rack US gal. (imp. gal./liters) .74 (.62/2.9)
Temperatures °F/C	Wash (minimum) 150/66 Rinse (minimum) 180/82
Heating	Tank heat, electric (kW) 2 Electric booster (kW required for 40°F/22°C rise) 4 (kW required for 70°F/39°C rise) 6
Time Cycle in Seconds	Wash 120 Rinse 15 Dwell 15 Total 150

301HT with 40°F Rise Electric Booster

Elec. Specs.	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/1	21	30	30
230/60/1	22	30	30
*208/60/3	14	20	20
*230/60/3	15	20	20

301HT with 70°F Rise Electric Booster

Elec. Specs.	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/1	28	40	40
230/60/1	31	40	40
*208/60/3	19	25	25
*230/60/3	20	25	25

*Optional voltage – please specify when ordering

	Uncrated	Crated
Height	33-1/2" [851]	39-1/2" [1003]
Width	23-5/8" [600]	25" [635]
Depth	23-7/8" [606]	25-1/2" [647]
Ship Wt. lbs/kg	148/67	165/75

* Front leveling feet provided.

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