

MD2000HT

Ventless

High Temperature Door-type Dishwashing Machine with Heat Recovery



SPECIFIER STATEMENT

Specified unit will be Moyer Diebel model MD2000HT high temperature door-type dishwashing machine with Heat Recovery. Features 1 Hp pump motor, top mounted splash proof controls, Rinse Sentry, auto start and interchangeable upper and lower spray arms. Ventless Heat-Recovery system re-purposes steam to preheat incoming cold water and condensate water vapor. Integrated door safety lock prevents operator from disrupting cycle during energy recovery stage.

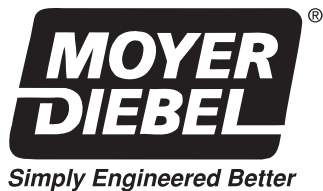


STANDARD FEATURES

- Cold water feed
- Automatic drain valve
- Convertible from straight to corner operation in field
- Built-in booster with a 180° final rinse
- Built-in diagnostics
- 208/240 volt; 1/3 phase (field convertible)
- Straight through or corner operation
- Capacity 36 racks per hour/60-second cycle
- Uses .90 gallons of water – wash is replenished by final rinse for less water and detergent usage
- Interchangeable stainless steel upper/lower wash rinse arms
- Door safety switch
- Door activated start
- Rinse Sentry
- Detergent chemical connection
- Vent fan control
- Complete with two 20" x 20" racks, one peg and one flat
- One year parts and labor warranty

OPTIONS & ACCESSORIES

- ☐ Drain water tempering kit (un-mounted)
- ☐ Detergent & Rinse-Aid pumps (un-mounted)
- ☐ Flanged feet
- ☐ Shock arrestor (un-mounted)
- ☐ ION scale prevention system (un-mounted)

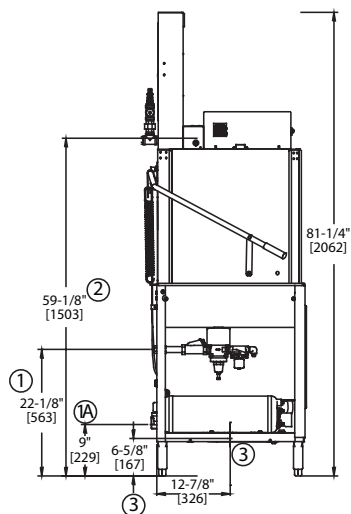


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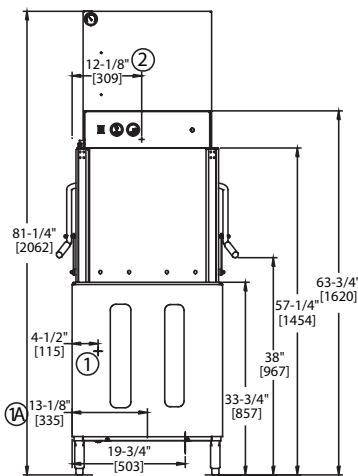
High Temperature Door-type Ventless
Dishwashing Machine with Heat Recovery

Shipping weight crated: 425 lbs.

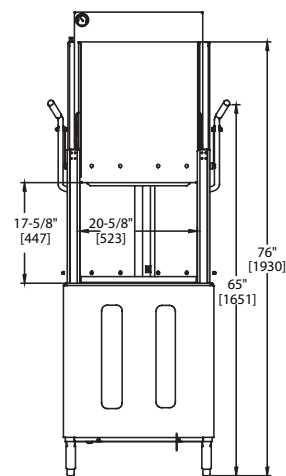
Dimensions shown in inches [mm]



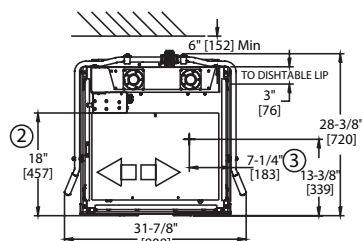
Side View



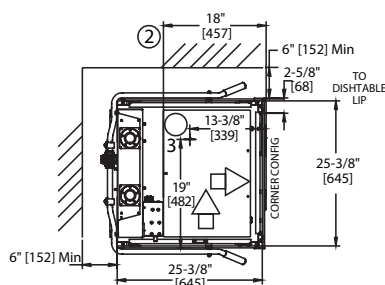
Front View



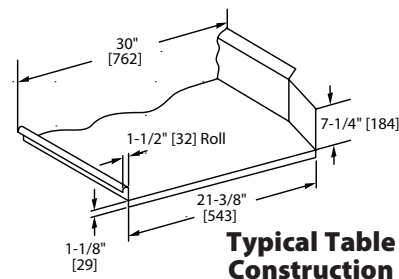
Door Clearance



Straight Through



Corner Configuration



Typical Table Construction

MD2000HT Electrical Configured for 180° final rinse			
Elec Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/1	65	80	80
240/60/1	75	80	80
208/60/3	40	50	50
240/60/3	45	50	50

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

Utilities	
1 Water	3/4" [19mm] NPT Flow pressure 20-22 PSI Cold water fill 55°F / 70°F
2 Electrical	40°F / 22°C and 70°F / 39°C rise booster 208-240/60/1&3 (see box)
3 Drain	1" [25mm] OD Connection Gravity drain 15 GPM [12.5 Imp. Gal.] max flow

SPECIFICATIONS

Capacities

Racks per hr. 36

Motor horsepower

Wash 1 Hp

Water consumption

Gal. per hr. (max. use)
US Gal [imp gal./liters] 49 [41/87]
Gal. per rack
US Gal [imp gal./liters] 0.9 [75/3.4]

Temperature °F/°C

Wash 150°F/66°C
Rinse 180°F/82°C

Heating

Tank heat, electric (kW) 5.2
Booster (kW) 7.5

Time cycle in seconds

Wash 40
Dwell 1
Rinse 12
Sanitary dwell 7
Recovery cycle 40
Total cycle time 100

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