

Simply Engineered Better

MDHHD

High Temperature Hood-type Dishwashing Machine



SPECIFIER STATEMENT

Specified unit will be Moyer Diebel model MDHHD high temperature hood-type dishwashing machine.

Features sloped hood, electronic controls, Rinse Sentry, Auto start, interchangeable stainless steel wash and rinse arms, up to 55 racks/hour, 0.85 US gals [3.37 liters, 0.74 Imp gals] rack. 1 year parts and labor warranty.



Project _____

Item No. _____

Quantity _____

MDHHD HOOD-TYPE

STANDARD FEATURES

- **ENERGY STAR® Qualified**
- Exclusive built-in booster configured for both 40° and 70° rise
- Field convertible from straight to corner operation
- Dual NSF listed as both a dishwasher and potwasher
- Rinse Sentry – ensures 180°F final rinse
- Auto start – starts unit when hood is closed
- Single point electrical connection
- High efficiency 2 HP pump
- Up to 55 racks per hour
- Self-draining pump
- Automatic tank fill
- Detergent/chemical connections
- Interchangeable upper and lower spray arms
- Automatic drain valve – drains wash tank when power is off
- Vent fan control (with 120 Volt interwiring by others)
- Bottom mounted digital controls
- PRV (Mounted pressure reducing valve)
- Sloped hood keeps hot vapors away from operator
- Standard and Heavy Duty wash cycles
- 4 selectable cycles
- 27" [686 mm] extended clearance
- Accepts all standard 18" x 26" sheet pans
- One peg and one flat rack, standard
- One year parts and labor warranty

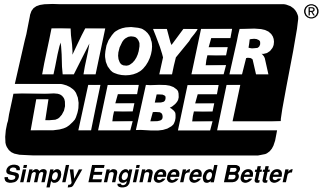
OPTIONS & ACCESSORIES

- Drain Water Tempering Kit
- Hot water coil with gas booster (contact factory for information)
- Single phase option
- Corner operation splash baffle

Moyer Diebel

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





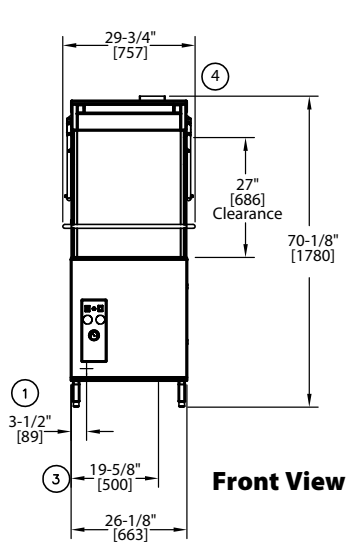
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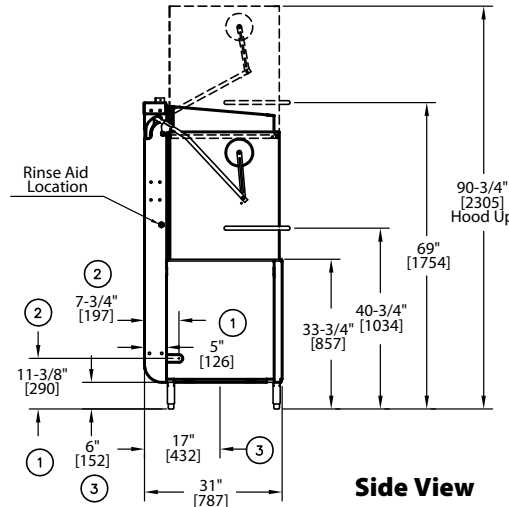
Shipping weight crated:

300 lbs. [136kg]

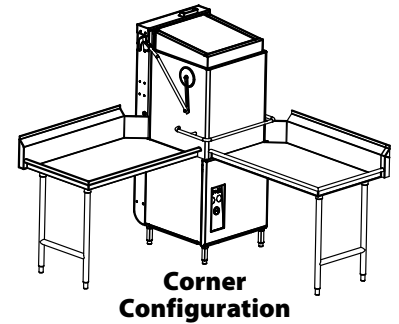
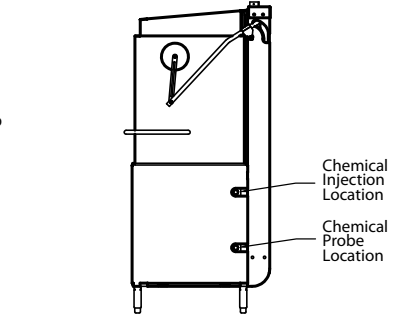
Dimensions shown in inches and [millimeters]



Front View

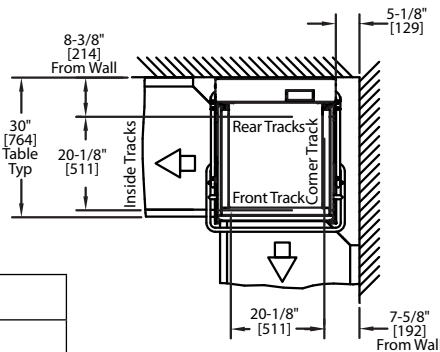
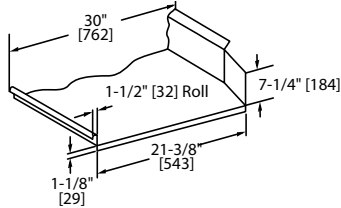


Side View



Corner Configuration

Typical Table Construction



Plan View

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 Electrical	Machine Connection (See Electrical Box)
2 Hot Water	3/4" NPT Hot Water 110° - 140°F/43° - 60°C 20-22 PSI Flow Pressure
3 Drain	2" [51mm] OD Connection 15 GPM Max Flow
4 Exhaust	250 CFM Hood Required

Electric Heat, No Booster			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	35-39	45	45
208-240/60/3	21-24	30	30
460-480/60/3	11	20	20

Electric Heat, 40°/70° Rise Booster			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208-240/60/1	71-81	100	100
208-240/60/3	42-48	60	60
460-480/60/3	20-21	30	30

SPECIFICATIONS

Capacities	
Racks per hr.	55
Wash tank (gal.)	9.5
[liters/imp gal.]	[36/7.9]

Motor horsepower 2 HP

Water consumption	
Gal. per hr. (max. use)	47
[liters/imp gal.]	[177/39]

Gal. per rack (dishwasher)	0.85
[liters/imp gal.]	[3.2/0.7]
Gal. per rack (pot & pan washer)	1.18
[liters/imp gal.]	[4.5/0.98]

Temperature °F/°C	
Wash	150/66
Rinse	180/82

Heating	
Tank heat, electric	5.2 kW
Electric Booster	7.5-10 kW

Time cycle in seconds				
	Dishwasher Mode		Pot/Pan Mode	
Wash	35	65	214	334
Rinse	10	10	15	15
Sanitary Dwell	15	15	11	11
Total cycle	60	90	240	360