

## MD66

High Temperature Rack Conveyor  
Dishwashing Machine with 22" Prewash



MD66 shown with optional  
extended vent stack and  
optional booster heater



### SPECIFIER STATEMENT

Specified unit will be Moyer Diebel MD66 rack conveyor dishwashing machine with 22" [559 mm] prewash.

Features include: chemical connections, vent fan interlock and table limit switch connections, energy sentinel, extended vent cowls with stack and dampers, built in diagnostics and anti-jam conveyor drive system.

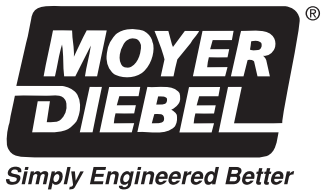
1 year parts and labor warranty.

### STANDARD FEATURES

- **ENERGY STAR® Qualified**
- Seamless 22" prewash
- High performance 219 racks per hour  
130 gallons [108 imp gal] per hour  
0.59 gallons [0.49 imp gal] per rack
- Low water consumption
- Energy Sentinel, for low water usage
- Built-in diagnostics
- Easy clean stainless steel upper and lower wash and rinse arms
- Stainless steel vent cowls and extra curtain (set)
- Anti-jam conveyor system
- Vent fan interlock connection
- Table limit switch connection
- Single point electrical connection
- Single point water connection
- Drain is a manual ball valve
- Booster heater is optional
- Complete with two 20" x 20" racks,  
one peg and one flat
- One year parts and labor warranty

### OPTIONS & ACCESSORIES

- ☐ 40°F (4°C) rise (16 kW) electric booster
- ☐ 70°F (21°C) rise (27 kW) electric booster
- ☐ Direction of operation
  - ☐ Right to left
  - ☐ Left to right
- ☐ Table limit switch
- ☐ Drain water tempering kit (mounted & interwired)
- ☐ Voltage 480/60/3
- ☐ Water Pressure Reducing Valve (unmounted)  
(standard with booster)
- ☐ Cold water thermostat
- ☐ Shock arrester (unmounted)
- ☐ Copper final rinse lines
- ☐ Extended vent stack



# MD66

High Temperature Rack Conveyor  
Dishwashing Machine

## Utilities

### 1 Electrical

Machine and booster (See electrical chart)

### 2 Hot water

Main connection 3/4" NPT, 110°-140°F (43°-60°C)  
20-22 PSI Flow pressure (124-152 kPa)  
PRV supplied with booster only

### 5 Drain Connection

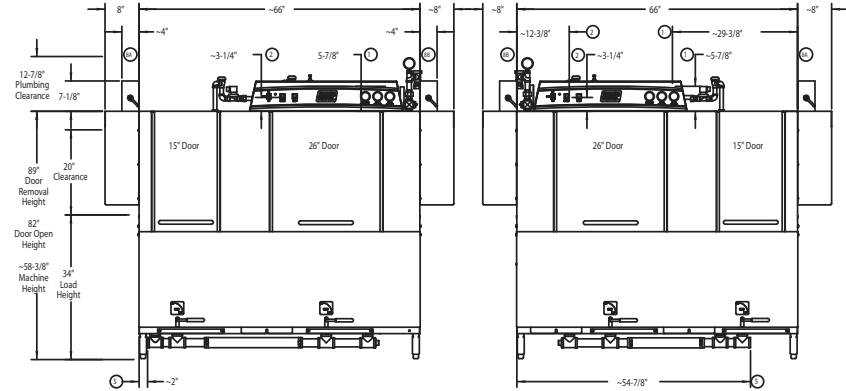
1-1/2" NPT

### 8 Vent Stack Connection

- A.** Load end 150 CFM @ 1/4" static pressure  
**B.** Unload end 400 CFM @ 1/4" static pressure

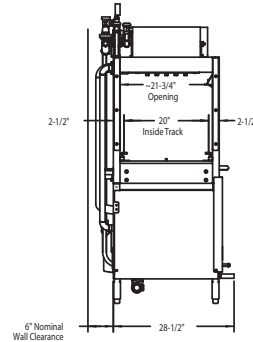
Shipping weight crated: **1000 lbs. [454 kg]**

Dimensions shown in inches and [millimeters]

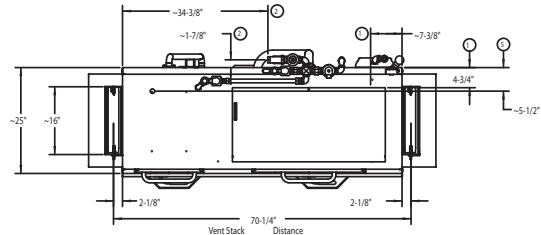


Front View  
Left to Right

Front View  
Right to Left

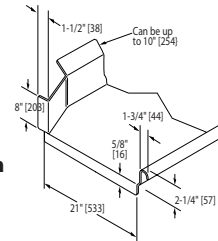


Side View



Plan View

Suggested  
Table  
Construction



## SPECIFICATIONS

### Capacity

Racks per hr. (NSF rated)	219
Conveyor speed (ft/min)	6.0

### Motor Horsepower

Wash	2
Prewash	1

### Water Consumption

Per hr. (max. use)	130 US gal/108 imp. gal
Per rack	.59 US gal/.49 imp. gal

### Heating

Tank heat, electric (kW)	15
Electric booster (kW supplied for 40° F rise)	16
Electric booster (kW supplied for 70° F rise)	27

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

### Machine only

Elec. Specs.	Rate Amps	Maximum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	59	70	70
240/60/3	55	70	70
480/60/3	29	40	40

### MD66 with 40° F Rise (16kW) Booster

Elec. Specs.	Rate Amps	Maximum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	103	125	125
240/60/3	93	110	110
480/60/3	48	60	60

### Booster Heater Only

#### 40 F Rise, 16KW

Elec. Specs.	Rate Amps	Maximum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	44	60	60
240/60/3	39	50	50
480/60/3	19	25	25

### MD66 with 70° F Rise (27kW) Booster

Elec. Specs.	Rate Amps	Maximum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	134	150	150
240/60/3	119	150	150
480/60/3	62	70	70

### Booster Heater Only

#### 70° F Rise, 27kW

Elec. Specs.	Rate Amps	Maximum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	75	90	90
240/60/3	65	80	80
480/60/3	33	40	40

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