MD44
High Temperature Rack Conveyor Dishwashing Machine

STANDARD FEATURES
- ENERGY STAR® Qualified
- 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 rack
- 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)
- Shock arrester (unmounted)
- Copper final rinse lines
- Extended vent stack

SPECIFIER STATEMENT
Specified unit will be Moyer Diebel MD44 rack conveyor dishwashing machine.
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.
**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

3. **Drain Connection**
   - 1-1/2" NPT

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

**SPECIFICATIONS**

**Capacity**

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

**Motor Horsepower**

- Wash 2

**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**

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<tr>
<th>Elec. Specs.</th>
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**Booster Heater Only**

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