



**IMS**  
Select

# Refrigerant Type Hopper Dryer

5 Bar Quality

Solid State Controller

Long-Lasting Mercury Relays

High-Filtration Air Filter provides superior particle removal and superior air flow

Outlet for Hot, Dry Air

Rubber Casters for easy mobility

**HIGH CAPACITY!**  
**5780 BTU/hr**

Easy access to Heating Elements

Hinged Electronic Panel for quick access

Fresh Air Intake

Hinged Access Door for easy cleaning of Compressor Coil

**Precise, Consistently Dry Output**

Machine open for illustration only.

## PRECISE, CONSISTENTLY DRY OUTPUT

- Heating Chamber has 4" thick, mineral wool insulation
- Panel Lights indicate all functions
- Heavy duty, Commercial Refrigeration — built for continuous service
- Dehumidifier Automatic Thermostat is user-setable to achieve optimum 34° F coil temperature
- Recessed Controls prevent component damage
- Pressurized Hot-Air Chamber for long element life
- Protective Interlock (Blower must be "ON" to start heater and compressor)
- Quiet, Long-Life Mercury Relays on Heater and Compressor
- Overheat Safety Switch shuts heaters off on runaway heats over 450° F
- Easy-to-remove panels for quick access to components
- Rugged, Portable Cabinet
- Permanent Lubrication
- High Efficiency Paper Filter gives improved protection on entire system (removable from either side)

3/8" Copper, Water Drain Tube  
20" from floor (not shown)

Tapered duct behind evaporation coil uses full coil-surface area

Silicone-Sealed Air Passage prevents air from bypassing filter and cooling coil



Never run your dryer without filters or with dirty filters.

**IMS**  
Industrial Molding Supplies

[www.imscompany.com](http://www.imscompany.com)

phone order toll-free (USA & Canada)

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**1.888.288.6900**

**001.888.304.1307**

**1.866.467.9001**

**sales@imscompany.com**





# Refrigerant Type Hopper Dryer



## Model MD750

Perfect for drying Nylon, Polycarbonate, ABS, SAN etc.

### THE WORK HORSE OF THE INDUSTRY WITH 2 YEAR WARRANTY!

**High-Output Blower ensures EVEN Temperatures THROUGHOUT your hopper!**



**Precise, Consistently Dry Output**

#### MEASUREMENTS

Replaceable Air Filter: ..... 14" x 20" x 1"  
Drain Connection: ..... 3/8" Copper Tubing, 20" from floor  
Dimensions: ..... 51" high x 22" wide x 36" deep  
Crated Weight: ..... 230 V: 340 lbs, ..... 460 V: 380 lbs

#### SPECIFICATIONS

Temperature Range: ..... Ambient air to 400° F  
Insulation: ..... 4" thick mineral wool around heating chamber  
Output Air Connection: ..... 1 1/2" N.P.T. — takes standard 1 7/8" ID hose  
Capacity: **Up to 300 lbs/hr**, depending material and moisture content

#### MAIN ELECTRICS

Heating Element: ..... Open nichrome coil, 7.5 kW duct type  
Blower: 810 cfm @ 1" static pressure. 1 hp, 3450 rpm motor with overload protection  
Control Circuit: ..... 115V, fused 1 amp Quiet, Long-Life Mercury Relay  
Temperature Controller: ..... 50° to 400° F, Accurate to ±2° F  
Separate, high-heat limit set at 450° F: ..... Automatic Reset  
Heater Fuses: 230 V ..... Three, 30 amps  
460 V ..... Three, 10 amps  
Main Circuit Breaker: 230 V ..... 40 amps  
460 V ..... 25 amps  
Indicator: Function indicator lights on control panel.

#### REFRIGERATION UNIT

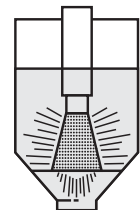
Compressor: ..... 1/2 hp, 230/60/1 protected by 15-amp fuse  
Rating: .. 5,780 btu/hr at 30° suction temperature with separate condenser.  
Running Amps: ..... 6

**NO Up-Charges**



**Includes High Efficiency Dispersion Cone**

Increases air dispersion to the CRITICAL areas of your hopper



NOTE: Adjustable, High-Efficiency Dispersion Cone also available to order — See page 692

— Also Includes Condenser Cleaning Brush —

### Refrigerant Type Hopper Dryer

Complete with 2" dial thermometer, 12' of #108653 Silicone Hose, 2 #108195 Hose Clamps and 1 #108251 Hot-Air Dispersion Cone for placement in your hopper.

#### SPECIFY VOLTAGE

#119920 ..... (230/60/3) ..... **\$4,775.00**  
#119916 ..... (460/60/3) ..... **4,775.00**

#### SPARE PARTS

#134447 Accessory Kit  
Complete with 12' of #108653 Silicone Hose, 2 #108195 Hose Clamps and 1 #108251 Hot-Air Dispersion Cone (Does NOT include 2" dial thermometer) ..... **\$102.65**  
#108501 Condenser Cleaning Brush ..... **3.90**

For Dryer Hose and Insulation see pages 578-580



A dryers vent is just like your dryers vent at home. Hot, moist air is exhausted into the air. If possible always vent your material dryers to the outside.



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