



# McIntire<sup>TM</sup>

## F-Series Air Dryers

### DRY AIR TECHNOLOGY

## Features:

### Refrigerant System

Heat Exchanger Combining both Air-to-Air  
Refrigerant-to-Air Circuitry and Integrated  
Separator

Highly Efficient Hermetic Compressor

Copper Tube and Aluminum Fin Condenser

Quick Response Expansion Valve

All Electrical Components Easily Accessible

Universal CFC Free R-404a Refrigerant

### Air System

Exiting Air Reheated to Eliminate  
Downstream Condensation

Maximum Pressure Drop Less than 4 psi

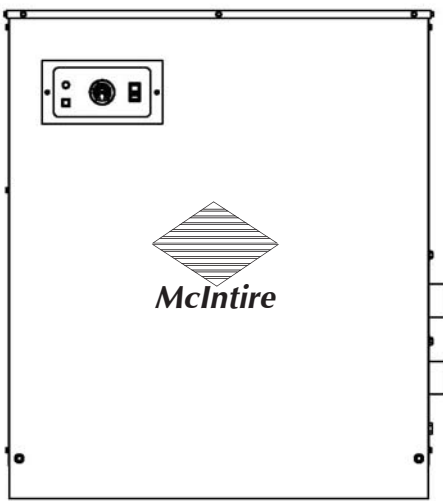
Electronic Zero Loss Drain



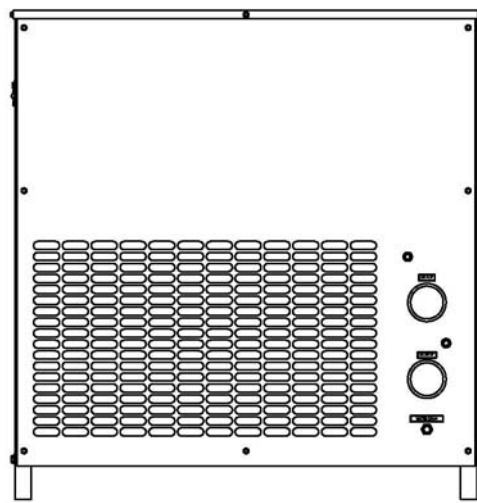
## Model F-500

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Visit our website at [www.mcintireco.com](http://www.mcintireco.com)



Front View



Side View

## REFRIGERANT SYSTEM

- ◇ Heat Exchanger Combining both Air to Air, Refrigerant to Air Circuitry and Integrated Separator.
- ◇ Highly Efficient Scroll Compressor
- ◇ Thermally Protected
- ◇ Rubber Mounted
- ◇ Copper Tube and Aluminum Fin Condenser
- ◇ Quick Response Expansion Valve
- ◇ All Electrical Components Easily Accessible
- ◇ Universal CFC Free R-404A Refrigerant

## AIR SYSTEM

- ◇ Exiting Air is Reheated to Eliminate Downstream Condensation
- ◇ Maximum Pressure Drop Less than 4 psi
- ◇ Electronic Zero Loss Drain

## INSTRUMENTATION

- ◇ Power On/Off Switch and Integrated Light
- ◇ Dew Point Indicator Gauge
- ◇ Manual Override and Drain Alarm

## CABINET

- ◇ Powder Coated Textured Paint Finish
- ◇ Heavy Duty Metal Construction

## ELECTRICAL

- ◇ Lowest Power Consumption
- ◇ Several Available Voltages (3)

## McINTIRE MODEL NUMBER F-500

### Specifications

Flow Capacity (1) SCFM 35°F Dew Point	500 (4)
Flow Capacity (1) SCFM 50°F Dew Point	600
Capacity (2) 2°C PDP M3/Hr. 10°C PDP	850 1020
KW Input	3.25
Refrigerant Compressor H.P. Rating	3.0
Condenser Type	Air Cooled
Cooling Air Flow	2640 CFM
Voltage (3)	3, 4
Air Line Connection In/Out	2" FPT
Drain Connection	1/4" FPT
Height	Inches 45.00 mm. 1143.00
Width	Inches 42.25 mm. 1073.15
Length	Inches 37.75 mm. 958.85
Weight	Pounds 435 kg. 197

### Standard Features

- △ Power On/Off Switch
- △ Dew Point Indicator
- △ 2 Year Compressor Warranty
- △ 5 Year Heat Exchanger Warranty

(1) Flow Rating based on design conditions of 100°F inlet air temperature, 100 psi, 100° ambient air temperature

(2) Metric flow rating based on design conditions of 32°C inlet air temperature, 7 BARS, 32°C ambient air temperature, 220 volt, 3 phase, 50 Hz operation. 43°C absolute maximum ambient air temperature on air cooled units.

(3) Voltage Code  
3 - 208-230/3/60 or 200-240/3/50  
4 - 460/3/60 or 380/3/50

(4) Pressure drop rated under 4 PSI

# Your Source For All Your Dry Air Needs

