

REFRIGERATED NON-CYCLING

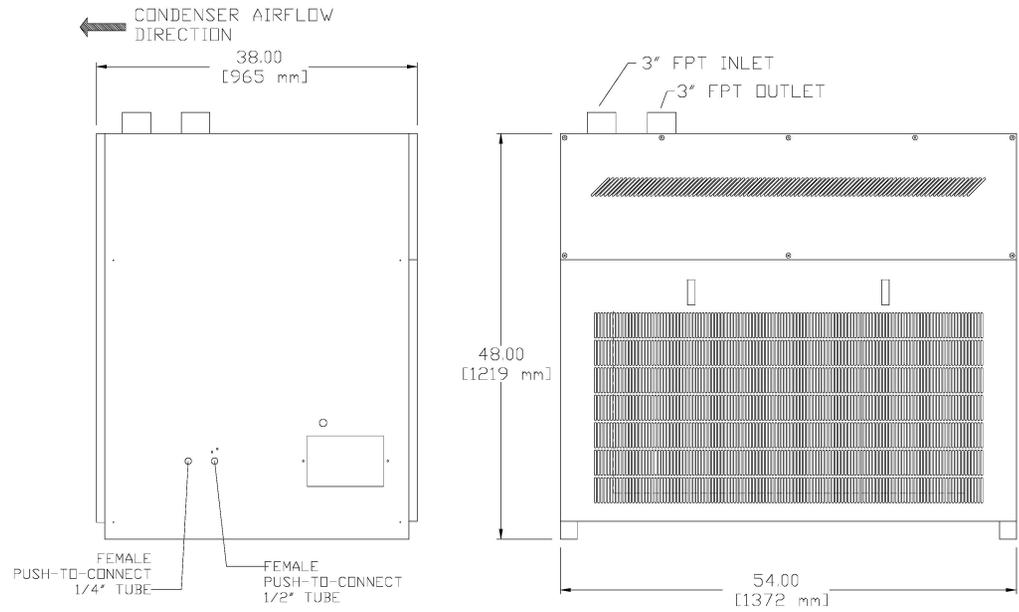
COMPRESSED AIR DRYERS

VF SERIES

MODEL VF-1000

1000 SCFM REFRIGERATED NON-CYCLING AIR DRYER

Aircel's VF line of refrigerated dryers are focused on reliable, constant dewpoint performance in all flow conditions. With its excellent heat transfer coefficients and low pressure drop, these dryers will outperform the competition in protecting your compressed air system, machinery and tools; and will improve your manufacturing processes.



MODEL VF-1000 DIMENSIONS

STANDARD FEATURES

- ◇ High Efficiency Aluminum Block Heat Exchanger
- ◇ Integrated Regenerating Heat Exchanger Prevents "Sweating" of Pipes
- ◇ Cyclonic Moisture Separator
- ◇ Hot Gas Bypass Valve for Low-Load Condition
- ◇ Heavy Duty Industrial Powder Coated Steel Cabinet with Access Panel
- ◇ Refrigerant Suction and Discharge Gauges
- ◇ Air Inlet Temperature and Pressure Gauges
- ◇ Environmentally Friendly R-404a Refrigerant
- ◇ Refrigerant Liquid Line Filter
- ◇ Automatic Adjustable Timer Drains (2)

AVAILABLE OPTIONS

- ◇ Water Cooled Condenser
- ◇ Corrosive Environment Protection
- ◇ Zero-Loss Condensate Drain
- ◇ Elevated NEMA Ratings Through NEMA 7 Class I, Division I
- ◇ Pre-Sized Filter Package
- ◇ Dryer Bypass System
- ◇ Additional Gauges: Outlet Air Temperature and Pressure
- ◇ Stainless Steel Piping
- ◇ Alternate Voltages

Contact an Aircel representative for assistance with custom requirements.

MECHANICAL SPECS

Flow Capacity, 38°F Dew-point	1000 SCFM
Inlet Air Pressure, Design / Max	100 / 175 PSIG
Inlet Air Temperature, Design / Max ¹	100 / 140 °F
Ambient Air Temperature, Design / Max / Min ¹	100 / 120 / 40 °F
Pressure Loss, Design	3.6 PSI
Condenser Type	Air Cooled
Cooling Air Flow	4240 CFM
Heat Rejection	59 kBTU/hr
Air Connections	3" FPT
Condensate Connection	1/2" Tube
Unit Weight	840 LBS

ELECTRICAL SPECS

Power Connection	460-3-60
Full Load Power	4.8 kW
Rated Load	8.1 A
NEMA Rating	1



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¹ Unit performance may be reduced at elevated inlet and/or ambient temperatures.