

ISO CLASS
4-5

**MOTOR
GUARD**[®]
60 YEARS OF EXCELLENCE

SCAN QR CODE
USER MANUAL



NON-CYCLING REFRIGERATED AIR DRYERS

*2 YR LIMITED WARRANTY

RF SERIES
25-100 CFM

**SHOP AIR
PREPARATION**

*For Compressed
Air Systems*

*Easy-Access
Cabinet Design*

*Suction & Discharge
Pressure Gauges*

*Industrial-Grade
Air System*

*All Aluminum
Heat Exchangers*



FEATURING

**RELIABLE
CONSISTENT
DRY AIR**

*For Auto Service
Centers and General
Shop Air Applications*

*Programmable
Automatic Electronic
Drains*

*Top Mounted
Inlet & Outlet
Connections*



*Proudly Made in USA
See specifications on back*

Motor Guard distributed Altec AIR Non-Cycling Refrigerated Air Dryers, are designed to meet the demand of your compressed air system with quality components that are built to last.

MG PREMIUM
AIRPREPARATION

Customer Service
+1 800 227 2822

www.motorguard.com
S1192 Rev 0226



Standard Temp



Non-Cycling Refrigerated Air Dryers
Standard Temperatures (25-100 CFM)

Motor Guard distributed Altec AIR Non-Cycling Refrigerated Air Dryers, are designed to meet the demand of your compressed air system with quality components that are built to last. **Features:** Consistent and reliable dry air - ISO Class 4 - 5, compact all-aluminum heat exchanger modules with low pressure drops, programmable automatic electronic drains, easy-access cabinet design for ease of maintenance and serviceability, suction and discharge pressure gauges provide simple and reliable monitoring of the dryer's refrigeration system, top mounted inlet and outlet connections allow for easy installation of dryer, filters, and bypass valves, ETL listed configurations (Pending).

Application: Ideal drying solution for Auto Service Centers and General Shop Air Applications that use Piston Type Air Compressors 5.0 to 30 horsepower. See Page 10-11.

Rating conditions based on 100 PSIG Inlet Pressure, 100°F Inlet Temperature and 100°F Ambient Temperature. Refer to Specification Sheet for detailed Descriptions, Specifications, and Dimensions. To ensure optimal performance, do not operate continuously in conditions below or above max/min specifications.

Specifications

MODEL	INLET AIR FLOW @ 100 PSIG (SCFM)	ELECTRICAL RATING	DRAIN PORT	IN/OUT CONNECTIONS	NOMINAL COMPRESSOR RATING	MAXIMUM INLET PRESSURE	MAXIMUM INLET TEMP	REFRIGERANT TYPE	DIMENSIONS			WEIGHT	
									INCHES			LBS	KG
									HEIGHT	WIDTH	DEPTH		
RF2055	25 CFM	115/1/60	1/4"	1/2"	5 HP	232	140°F / 60°C	R134a	26	17	19	98	45
RF2056	40 CFM	115/1/60	1/4"	1"	7.5 HP	232	140°F / 60°C	R134a	26	17	19	105	48
RF2057	55 CFM	115/1/60	1/4"	1"	10 HP	232	140°F / 60°C	R134a	26	17	19	108	49
RF2058	75 CFM	115/1/60	1/4"	1"	15 HP	232	140°F / 60°C	R134a	26	18	28	160	72
RF2059	100 CFM	115/1/60	1/4"	1"	20 HP	232	140°F / 60°C	R134a	26	18	28	172	78

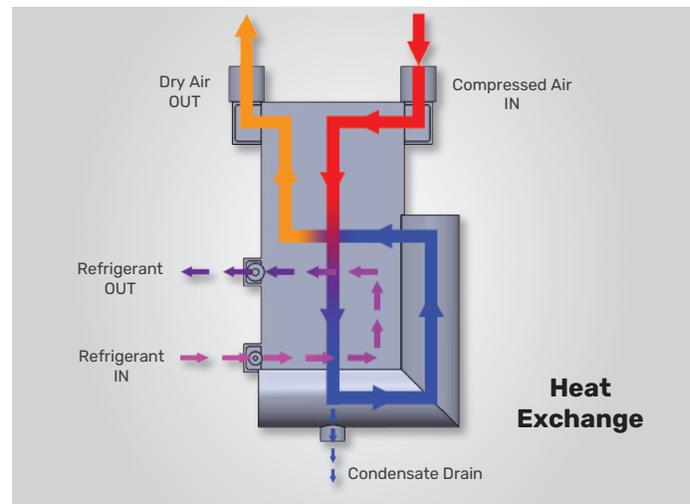
Refrigeration Air Drying Process

How Refrigerated Air Dryers Work

Refrigerated Air Dryers use refrigeration cooling to condense moisture and remove it from a compressed air system.

- Warm saturated air enters a pre-cooler/re-heater heat exchanger at the dryer inlet and is pre-cooled by outgoing cold air.
- The pre-cooled air then enters the air to refrigerant heat exchanger and is cooled to its lowest point.
- As the air is cooled, the moisture it contains changes from a vapor to a liquid and is removed by a stainless-steel mesh separator and discharged from the dryer through an automatic drain valve.
- The cold air is then re-heated by incoming warm air as it passes back through the pre-cooler/re-heater.
- The resulting warm air that exits the dryer is clean, dry and ready for use by a compressed air system.

Drying Process



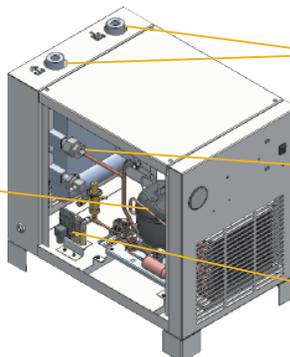
Product Features

***MANUFACTURE'S LIMITED WARRANTY -ALTEC AIR NON-CYCLING COMPRESSED AIR REFRIGERATED DRYERS** Altec Air Compressed Air Dryers purchased through Motor Guard are covered by a (2) Year Manufacturer's Limited Warranty. Details are available upon request.

CONSISTENT & RELIABLE DRY AIR
ISO Class Dew Points @ 100°F / 38°C
Saturated Inlet - Model Specific Ratings

INDUSTRIAL-GRADE REFRIGERATION SYSTEM
Built to last compressors from industry leading North American manufacturers

ENVIRONMENTALLY FRIENDLY REFRIGERANTS
All Refrigerated Air Dryer models use only R134a refrigerant



TOP INLET & OUTLET CONNECTIONS
Provides simple, easy access for installing dryers and accessories

COMPACT, ALUMINUM HEAT EXCHANGER
Integrated Pre-cooler/Re-Heater, Air to Refrigerant Heat, Low Pressure Drops

PROGRAMMABLE ELECTRONIC DRAINS
Reliable, pre-set timer drains installed on every unit