TOC Equipment Rentals

RD-1000GAC
COMPRESSED AIR RENTAL DRYER WITH AFTERCOOLER MOUNTED

Model	RD-1000GAC
Flow (CFM)	750 to 1000 CFM
Voltage	120/1/60 AC @ 1 Amp
Aftercooler Fan Motor	Air Driven
Maximum working pressure	180
Maximum inlet temperature	250º F
Minimum pressure	70
Inlet & Discharge Connections	3" NPT Male
Dimensions:	80"H x 75"W x 71"L
Weight	3800 LB

Aftercooler

- Rated for 1200 cfm @ 15 degree F approach from ambient temperature
  Air driven 2 horsepower fan motor

Filtration

- 1st Separator / Filter for bulk liquid removal and 3 micron filter media coalescer.
- 2nd Prefilter High Efficiency oil removal filter. Removes oil aerosols and solids to .01 micron (.01 ppm w/w maximum remaining oil content)
  Oversized and staged to increase particulate loading capacity.
  Drains on Prefilter housings are float type. Actuated air powered piston for positive opening and closing of discharge port.
- Afterfilter for particulate removal to 1 micron
- Pilot air filter to provide clean air to control system.

Electrical

- NEMA 4X for outdoor operation
- Controls are mounted to withstand rough handling
- Control air is dried and filtered
- Electrical input 120-1-60 or option for 12/24 Volt DC
- Controls indicate dryer operating mode
- Adjustable dew point -40 or -100 F
- SO type electrical cord installed with NEMA 4 male plug

Instrumentation
Panel Mounted

- On/Off Switch
- Cycle Mode -40 or -100 setting
- Switching Failure Alarm

Local Mounted

- Left Tower Pressure Gauge
- Right Tower Pressure Gauge
- Purge Flow Indicator
- Color Change Moisture Indicator
- Prefilter Differential Gauges
- Afterfilter Differential Gauge

Drying Vessels

- ASME Section VIII DIV. 1 Stamped
- ASME Code Stamped Pressure Relief (One per Vessel)

Frame and Construction

- Controls, panel and components recessed in frame
- Tubing is nylon, fittings are Parker press in type
- Lifting lugs
- Fork lift access from all four sides
- Paint Blue

Labels and Markings

- Inlet Connection
- Outlet Connection
- Drain Connection
- Operating Instructions with Purge Settings

Documentation

- Instruction and Parts Manual