HEATLESS DESICCANT COMPRESSED AIR DRYER

Dryer Model	RD3000G
Flow (CFM) @ 100º F Inlet Temperature	3000 CFM @ 100 PSIG
Maximum inlet temperature	120 Degree F
Minimum pressure	70 PSIG
Maximum pressure	150 PSIG
Voltage	110/1/60 AC
Dimensions:	81"H x 91"W x 115"L
Weight	9,200 LB
Inlet & Outlet Connections	2@ 3" Boss Female Spuds on each Inlet & Outlet connection & (1) 4" Flange In & Out

Filtration

- 1st Prefilter Coalescer type for removal of liquid water, oil, and solids to 1 micron (1.0 ppm w/w maximum remaining oil content)
- 2nd Prefilter Aerolescer type for removal of 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 1 micron
- Pilot air filter to provide clean air to control system.

Electrical

- Control Box NEMA 4X
- Electrical input 120-1-60 @ 1 amp

Instrumentation

Panel Mounted

- On/Off Switch
- Switching failure alarm
- Hour Meter

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 pockets
- Paint Epoxy Primer & Top Coat

Labels and Markings

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

Documentation

- Instruction and Parts Manual