TOC Equipment Rentals

HEATLESS DESICCANT COMPRESSED AIR RENTAL DRYER

Dryer Model	RDH715
Flow (CFM) @ 100º F 350 PSIG 300 PSIG 250 PSIG 200 PSIG 100 PSIG	 1350 CFM 1200 CFM 1110 CFM 1000 CFM 715 CFM
Maximum inlet temperature	120 Degree F
Minimum pressure	60 PSIG
Maximum pressure	350 PSIG
Dimensions:	96”H x 78”W x 83”L
Weight	4,000 LB
Inlet & Outlet Connections *Discharge Ball Valve available upon request.	1@ 3” Boss Female Spud on each In & Out connections

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.
- Afterfilter 1 micron
- Pilot air filter to provide clean air to control system.

Electrical

- Enclosure NEMA 4X
- Control air is dried and filtered
- Electrical input 120-1-60
- 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
- Tower status lights
  Left tower drying, left tower regenerating
  Right tower drying, right tower regenerating
- Cycle Mode light for -40 or -100 degree F setting
- Purge Economizer setting light
- 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