**HEATLESS DESICCANT**
**COMPRESSED AIR RENTAL DRYER**

| Dryer Model | RDH-HP-1550G |
|---|---|
| Flow (CFM) @ 100º F<br>350 PSIG<br>300 PSIG<br>250 PSIG<br>200 PSIG<br>100 PSIG | <br>2800 CFM<br>2590 CFM<br>2360 CFM<br>2125 CFM<br>1550 CFM |
| Maximum inlet temperature | 120 Degree F |
| Minimum pressure | 60 PSIG |
| Maximum pressure | 350 PSIG |
| Dimensions: | 87”H x 78”W x 83”L |
| Weight | 6,100 LB |
| Inlet & Outlet Connections<br>*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