

2800/1550 HEATLESS DESSICANT COMPRESSED AIR DRYER

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



DRYER DIMENSIONS

Dryer Model	RDH-HP-1550G
Flow (CFM) @ 100° F	
350 PSIG	2800 CFM
300 PSIG	2590 CFM
250 PSIG	2360 CFM
200 PSIG	2125 CFM
100 PSIG	1550 CFM
Maximum inlet temperature	120° F
Maximum pressure	350 PSIG
Minimum pressure	60 PSIG
Dimensions	87"H x 78"W x 83"L
Weight	6,100 LB
Inlet & Outlet Connections	1@ 3" Boss
*Discharge Ball Valve available upon request.	Female Spud on each In & Out connections

LABELS AND MARKINGS

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

DOCUMENTATION

- Instruction and Parts Manual

