RENTAL HEATLESS DESICCANT DRYER & OIL REMOVAL FILTERS MOUNTED ON COMMON SKID

Model	RDHHP1000
Inlet Conditions	@ 100º F
Flow (CFM)	100 PSIG = 1000 CFM 150 PSIG = 1200 CFM 350 PSIG = 1660 CFM 500 PSIG = 1800 CFM
Maximum inlet pressure	500 psig
Minimum inlet pressure	70 psig
Maximum inlet temperature	120° F
Pressure Dew Point	-40 or –100º F
Voltage	120/1/60 AC Full Load Amps 1.0
Dimensions: L/W/H	83” x 78” x 90”
Inlet & Discharge Connections	3” NPT Male
Weight	4500 lb.

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 level actuated with 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

- Fiberglass Reinforced with Polyester Enclosure NEMA 4X
- Controls are mounted to withstand rough handling
- Control air is dried and filtered
- Electrical input 120-1-60
- Adjustable dew point -40 or -100 F
- SO type electrical cord installed with NEMA 4 male plug

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

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 SS compression
- Four-Point lifting lugs
- Fork lift slots
- Common drain port connection for auto drains at the edge of skid
- Marine Coating, Epoxy Primer Top Coat

Labels and Markings

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

Documentation

- Instruction and Parts Manual