TOC Equipment Rentals

RENTAL DESICCANT DRYER & AIR DRIVEN AFTERCOOLER MOUNTED ON COMMON SKID

Model	FR800AC
Inlet Conditions	
Flow (CFM)	100 PSIG 800 CFM
Voltage	120/1/60
Aftercooler Fan Motor	Air Driven
Maximum inlet pressure	175 psig
Maximum inlet temperature	250 degree F
Pressure Dew Point	-40ºF
Dimensions: L/W/H	80" x 60" x 83"
Inlet & Discharge Connections	2" NPT Male
Weight	3200 lb.

Aftercooler

- Rated for 800 cfm @ 15 degree F approach from ambient temperature
- Air driven fan motor

Filtration

- Separator for bulk liquid removal.
- Prefilter High Efficiency oil removal filter. Removes 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 for particulate removal to 1 micron
- Pilot air filter to provide clean air to control system.

Electrical

- 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
- SO type electrical cord installed with NEMA 4 male plug

Instrumentation

Panel Mounted

- On/Off Switch
- Cycle Mode -40 or -100 setting
- Switching Failure Light
- Hourmeter

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
- Four point lifting lugs
- Fork lift slots 10" x 4" tubing
- Common ¾" drain port connection at the edge of skid
- Paint Blue

Labels and Markings

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

Documentation

- Instruction and Parts Manual