RENTAL DESICCANT DRYER & AIR DRIVEN AFTERCOOLER MOUNTED ON COMMON SKID

Model	FR400S
Flow (CFM)	185 to 500 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	67" x 53" x 70"
Inlet & Discharge Connections	2" NPT Male
Weight	1800 lb.

Aftercooler

- Rated for 400 cfm @ 15 degree F approach from ambient temperature
- Air driven fan motor

Filtration

- 1st Prefilter Separator Coalescer type for removal of liquid water, oil, and solids to 25 micron
- 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.
- Automatic Robo Drain is level actuated with air powered piston for positive opening and closing of ½" ball valve on discharge port.
- Afterfilter 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