



**DR500HF™ DRILL MODULE  
SHAFT DRIVEN FAN  
BID SPECIFICATION  
REVISED: April 17, 2019**

**Type:** Vanair® DR500HF™ Drill Module. New and in current production.

**Capacity:** 500 CFM free air at up to 200 PSIG.

**Compressor:** Sullair® 16 series rotary screw. The air compressor shall be completely manufactured and assembled in the USA. Bolt on inlet control valve.

**Input Speed:** 2100 RPM

**Air Compressor:**

Capacity (CFM)	Air Pressure (PSI)	Horsepower (BHP)	Input Speed (RPM)	Hydraulic Fan (GPM)	Hydraulic Fan (RPM)	Hydraulic Fan (PSIG)	Hydraulic Fan (HP)
500 (14.16 m <sup>3</sup> /min)	100 (6.89 bar)	121 (90 kW)	2100	13.5	2000	700	5
500 (14.16 m <sup>3</sup> /min)	200 (13.8 bar)	174 (130 kW)	2100	13.5	2000	700	5

Ratings per CAGI/PNEUROP PN2CPTC3

**Weight:** Unit – Dry weight (Lbs.): 1331 Tank – Dry weight (Lbs.): 330

**Dimensions:** Unit – 44L x 38W x 40H (In.) Tank – 18D x 41H (In.)

**Air Intake Filters:** Dual two-stage, heavy duty, dry-type dual air filters with dust evacuators shall be provided for air compressor, mounted internally.

**Receiver Tank:** Vertical tank with internal coalescer, pressure relief safety valve and minimum pressure valve.

**Cooling System:** Compressor cooling system shall allow rated air delivery and pressure operation continuously in -20 °F to +120 °F ambient temperatures. Cooler to be mounted internal to the module with hydraulically operated fan. Compressor fluid shall be filtered by a 10 micron full flow spin-on replaceable filter canister.

**Instrumentation:** Pressure and temperature gauges located in canopy panel. Pressure selector switch standard to achieve variable pressure between 80-200 PSI.

**Mainframe and Enclosure:** Heavy duty frame with integral forklift tubes. Fully powder-coated mainframe and galvanneal sheet metal enclosure with full service access. Hinged roof panel and removable front panel for easy maintenance access.

**General:** The rotary screw air end shall be manufactured in an ISO 9001 certified quality system.

**Warranty:** The module and its components shall be warranted for one full year. The rotary screw air end shall be warranted for two full years. This warranty does not cover damage caused by accident, misuse, or negligence. If the compressor unit is disassembled, the warranty is void.

**Options:** Drive Hub  
SAE “D” Face Adaptor for Hydraulic Motor