

DRILL MODULE DR310

SHAFT-DRIVEN FAN BID SPECIFICATION REVISED: April 17, 2019

Type: Vanair DR310 Drill Module. New and in current production.

Capacity: 310 CFM free air at 200 PSIG.

Compressor: Sullair[®] 12 series oil flooded rotary screw. The air compressor shall be completely

manufactured and assembled in the USA. Bolt-on inlet control valve.

Input Speed: 2500 RPM

Air Compressor:

Capacity	Air Pressure	Horsepower	Input Speed
(CFM)	(PSI)	(BHP)	(RPM)
310 (8.4 m3 / min)	200 (13.8 Bar)	108 (81 kW)	2500

Ratings per CAGI/PNEUROP PN2CPTC3

Weight: Dry weight (Lbs.) 330 - Tank, Dryweight (lbs) 1385 - unit

Dimensions: Module: 46 L x 30 W x 51 H (In.)

Tank: 180 x 41 (ln.)

Air Intake Filters: Single two-stage, heavy duty, dry-type air filter 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 to +120 °F ambient temperatures. Cooler to be mounted internal to the module with integral shaft-driven 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.

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

panels 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 Options (Including Hydraulic Motor Adaptable)

Special Features: Regulator can be adjusted via external access panel.