

# Drill Compressor Modules



**DR 310 • DR 435 • DR 500 • DR 500HF • DR 600XP**

---

**Versatile. Rugged. Reliable.**



**Rotary Screw Air Compressors**

The Vanair® Drill Compressor Modules are a compact solution to limited space requirements on today's rigs. Available in a wide range of capacities, Vanair's full line of drill modules are designed and built to meet the rigorous demands of water-well, geothermal, oil, gas, and blasthole drilling. Vanair's vast engineering experience, flexibility in design and custom solutions provide you with a one-stop shop for all your air compressor needs.

# DR 310

DRILL MODULE

Ideal for: Shallow Wells Where Low Pressure, Low Flow is Required!



### AIR COMPRESSOR SPECIFICATIONS

Capacity (CFM)	310 CFM (8.4 m <sup>3</sup> /min)
Air Pressure (PSI)	200 PSI (13.8 bar)
RPM Input	2500 RPM
Input BHP Required	108 HP (81 kW)

### FAN POWER REQUIREMENTS

Fan Driven Method	Compressor Input Shaft
-------------------	------------------------

Cabinet Dimensions (In.): 46L X 30W X 30H | Dry Weight (Lbs.): 1385  
 Tank Dimensions (In.): 14 Diameter x 39H | Dry Weight (lbs.): 190

# DR 435

DRILL MODULES



### AIR COMPRESSOR SPECIFICATIONS

Capacity (CFM)	435 CFM (12.32 m <sup>3</sup> /min)	435 CFM (12.32 m <sup>3</sup> /min)
Air Pressure (PSI)	100 PSI (7.0 bar)	200 PSI (13.8 bar)
RPM Input	1800 RPM*	1800 RPM*
Input BHP Required	111 HP (83 kW)	156 HP (116.33 kW)
Tank Air Discharge	2 In. NPT	2 In. NPT

### FAN POWER REQUIREMENTS

Fan Driven Method	Compressor Input Shaft
-------------------	------------------------

Cabinet Dimensions (In.): 41.5L X 36W X 32H | Dry Weight (Lbs.): 1035  
 Tank Dimensions (In.): 18 Diameter x 41H | Dry Weight (lbs.): 330

# DR 500

DRILL MODULES

AIR COMPRESSOR SPECIFICATIONS				
Model	DR 500		DR 500HF	
Capacity (CFM)	500 CFM (14.16 m3/min)	477 CFM (14.16 m3/min)	520 CFM (14.16 m3/min)	500 CFM (14.16 m3/min)
Air Pressure (PSI)	100 PSI (6.89 bar)	200 PSI (13.8 bar)	100 PSI (6.89 bar)	200 PSI (13.8 bar)
RPM Input	2000 RPM*	2000 RPM*	2100 RPM*	2100 RPM*
Input BHP Required	123 HP (92 kW)	173 HP (129 kW)	121 HP (90 kW)	174 HP (130 kW)
Tank Air Discharge	2 In. NPT	2 In. NPT	2 In. NPT	2 In. NPT

DR 500 FAN POWER REQUIREMENTS	
Fan Driven Method	Compressor Input Shaft

DR 500HF FAN POWER REQUIREMENTS	
Fan Driven Method	Hydraulic
Hydraulic Flow	13.5 GPM
Hydraulic Pressure	700 PSIG
Hydraulic Connections	3/4 in. JIC (Inlet and Outlet)
Case Drain Provided	3/8 in. JIC



DR 500 Cabinet Dimensions (In.): 41.5L X 36W X 32H | Dry Weight (Lbs.): 1035  
 DR 500 Tank Dimensions (In.): 18 Diameter X 41H | Dry Weight (Lbs.): 330  
 DR 500HF Unit Dimensions (In.): 44L X 38W X 40H | Dry Weight (Lbs.): 1331  
 DR 500HF Tank Dimensions (In.): 18 Diameter X 41H | Dry Weight (Lbs.): 330  
 \*Consult Vanair® for additional RPM's.

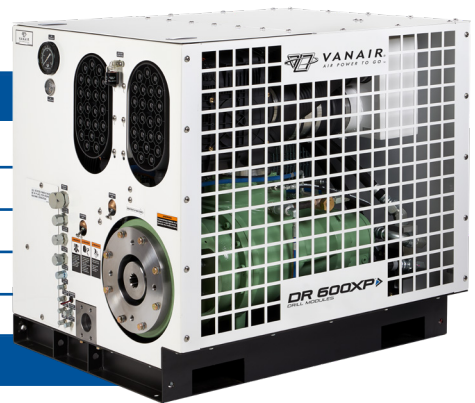
# DR 600XP

DRILL MODULES

AIR COMPRESSOR SPECIFICATIONS	
Capacity (CFM)	600 CFM (17 m3/min)
Air Pressure (PSI)	250 PSI (17.3 bar)
RPM Input	2100 RPM*
Input BHP Required	230 HP (172 kW)
Tank Air Discharge	2 In. NPT

FAN POWER REQUIREMENTS	
Fan Driven Method	Hydraulic
Hydraulic Flow	13.5 GPM
Hydraulic Pressure	1200 PSIG
Hydraulic Connections	3/4 in. JIC (Inlet and Outlet)
Case Drain Provided	3/8 in. JIC



Cabinet Dimensions (in.): 46L X 38W X 42H | Dry Weight (Lbs.): 1680  
 Tank Dimensions (In.): 18 Diameter x 41H | Dry Weight (Lbs.): 350  
 \*Consult Vanair® for additional RPM's.



800.526.8817 | [vanair.com](http://vanair.com)



| *Vanair's **There***