

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 ³ /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
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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 ³ /min)	435 CFM (12.32 m ³ /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
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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
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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.



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