VANAIR®
MOBILE POWER SOLUTIONS®

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

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	

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.

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Vanair's **There**