

Vanair ADHD - 125 to 185 CFM

Hydraulic Drive Simplicity...Big Air Power

The compressor unit in the ADHD series is directly coupled to a hydraulic motor. Since there are no drivelines or V-belts, the ADHD can be located anywhere on the truck bed. This simple design along with Sullair® rotary screw technology makes this unit the most powerful, versatile modular air compressor in the mobile market.

Compressor Dimensions – (All Models)

Assembly with Side-Mount

Receiver with fittings (in.) –41.5L x 39W x 30H

Assembly with Vertically Stacked

Receiver with fittings (in.) –41.5L x 30.5W x 45.5H



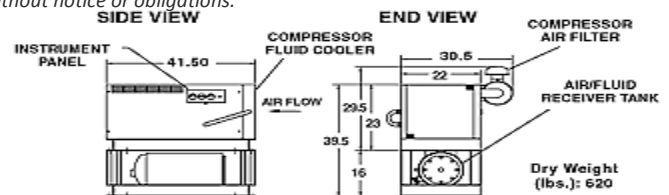
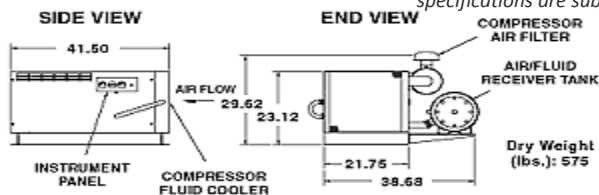
Standard Pressure Model

Capacity (CFM)	125	160	185
Air Pressure (psi)	100	100	100
Hydraulic Flow (gpm)	27.6	36.8	42.2
Hydraulic Pressure (psi)	2100	2200	2400

High Pressure Model

Capacity (CFM)	125	160	185
Air Pressure (psi)	150	150	150
Hydraulic Flow (gpm)	29.2	38.3	44.2
Hydraulic Pressure (psi)	2620	2700	2830

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details. Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.



Special Features

Compressor

- Vanguard™ Lifetime Warranty on air end
- Direct coupled to a gear-type hydraulic motor
- Side-mounted or vertically stacked receiver/oil sump
- Powder-coated, galvanized sheet metal enclosure
- Oil-injected Sullair® rotary screw air end

Integrated Inlet Control

- Eliminates bolt-on designs

Safety Equipment

- High-temperature shutdown
- High-pressure shutdown
- Air pressure-relief safety valve
- Minimum pressure valve
- Automatic blow down on shutdown
- Oil fill plug safety relief

Instrumentation

- Conveniently located, easy-to-read instrumentation panel features an hour meter, pressure gauge, and temperature gauge

Integrated Inlet Control

- Eliminates bolt-on designs

Options/Accessories

- Dual pressure
- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool Oil Lube Lubricator
- Post drivers
- After coolers

HYDRAULIC SYSTEM REQUIREMENTS

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following:

- The hydraulic flow and pressure requirements of the air compressor
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit)

Allow for adequate ventilation.