



ADHD 125 - 185 CFM
AboveDeck Hydraulic Drive Compressors

ADHD



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.

SPECIFICATIONS

STANDARD PRESSURE MODEL			
Capacity (cfm)	Air (psi)	Hydraulic Flow (gpm)	Hydraulic Pressure (psi)
125	100	27.6	2100
160	100	36.8	2200
185	100	42.2	2400
HIGH PRESSURE MODEL			
Capacity (cfm)	Air (psi)	Hydraulic Flow (gpm)	Hydraulic Pressure (psi)
125	150	29.2	2620
160	150	38.3	2700
185	150	44.2	2830

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details.



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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, galvanneal sheetmetal 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 blowdown on shutdown
- Oil fill plug safety relief

Instrumentation

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

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 oiler/lubricator
- Post drivers
- Aftercoolers

COMPRESSOR DIMENSIONS

Assembly with Side-mount Receiver with fittings (in.) – 41.5 L x 39 W x 30 H

Assembly with Vertically Stacked Receiver with fittings (in.) – 41.5 L x 30.5 W x 45.5 H*

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)

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.



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*Allow for adequate ventilation.
ADHD-0812