

VANAIR ADHD 125 to 185 CFM Rotary Screw

Hydraulic Drive Simplicity

The compressor unit in the ADHD series is directly coupled to a hydraulic motor. Since there are no drive lines 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.

Rotary Screw Reliability

As the first company to utilize Power Take-off (PTO) technology for rotary screw air compressors, Vanair is also the one and only company that has exclusive rights to incorporate Sullair's® rotary screw air end into every ADHD unit. The Sullair® air end is proven to be the most reliable and dependable compressor air end in the industry. This component, when integrated with other Vanair innovations, results in units that deliver reliable performance and longevity.

Vanair Dependability

Every product that Vanair designs, engineers, and manufactures is backed by years of technological experience, expertise and a commitment to continuous improvement. Vanair backs up its commitment to its customers with the Vanguard™ Lifetime Warranty, which protects your air end for life.

For heavy-duty applications where powerful PTO performance is needed but space is limited, rely on the Vanair Abovedeck Hydraulic Drive (ADHD) rotary screw air compressors. With three units – 125, 160, and 185 cfm – the ADHD is ideal for equipment already fitted with hydraulic systems.

Small on Space. Big on Power.

Vanair 125 to 185 cfm
Abovedeck Hydraulic Drive Compressors




VANAIR
AIR POWER TO GO™




SULLAIR
Inside

SPECIFICATIONS

Standard Pressure Model

Capacity (cfm)	125	160	185
Air Pressure (psi)	100	100	100
Hydraulic Flow (gpm)	30.0	37.0	42.0
Hydraulic Pressure (psi)	2500	2300	2400

High Pressure Model

Capacity (cfm)	125	160	185
Air Pressure (psi)	150	150	150
Hydraulic Flow (gpm)	30.0	37.0	42.0
Hydraulic Pressure (psi)	3000	2900	2900

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

Allow for adequate ventilation

HYDRAULIC SYSTEM REQUIREMENTS

- 3000 psi rated hydraulic pump
- Pressure relief set at 3200 psi
- Hydraulic reservoir at 2.5 times the oil flow (recommended)
- Dedicated gear pump
- Additional oil cooler for high-ambient temperatures



VAN AIR
 AIR POWER TO GO™

19015 U.S. Hwy. 12
 New Buffalo, MI 49117
 (269) 469-4461
 (800) 526-8817
 FAX (269) 469-0497
 www.vanair.com

SPECIAL FEATURES

Compressor

- Vanguard™ Lifetime Warranty on air end
- Direct coupled to a gear-type hydraulic motor
- Powder-coated, galvaneal sheetmetal enclosure
- Side-mounted or vertically stacked receiver/oil sump
- 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 orifice
- Automatic blowdown on shutdown
- Oil fill plug safety relief

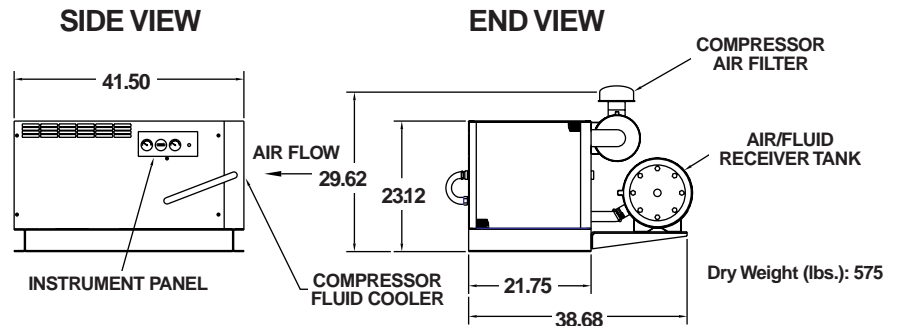
Instrumentation

- 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

SIDE-MOUNTED RECEIVER 125-185 HYDRAULIC DRIVE ABOVEDECK



VERTICALLY STACKED RECEIVER 125-185 HYDRAULIC DRIVE ABOVEDECK

