



ADHD-LYM

 AIR COMPRESSOR

Introducing the ADHD-LYM Hydraulic Driven Air Compressor!

The ADHD-LYM (less yellow metal) compressor delivers dependable compressed air to optimize your underground mining operations, particularly those using ANFO. Constructed without corrosion-prone yellow metals, the ADHD-LYM offers high performance with minimal maintenance. This is crucial for the uninterrupted operation of your pneumatic and power tools, both on the surface and underground.

SPECIFICATIONS						
Capacity (CFM)	125	125	160	160	185	185
Air Pressure (PSI)	100	150	100	150	100	150
Hydraulic Flow (GPM)*	30	30	37	37	42	45
Hydraulic Pressure (PSI)*	2500	2650	2300	2900	2400	2850
Input-Speed (RPM)	1330	1330	1675	1675	1920	1920

ADHD Unit Dimensions with fittings (In.): 46.3L X 40.3W X 26.8H | Dry Weight (Lbs.): 730 | Standard side-mount receiver configuration

Vanair® does not recommend this machine be placed in an enclosure or inside a chassis.

* Ratings are approximate and are based on 120 °F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Consult Vanair® for specific details.



PERFORMANCE/FEATURES

- 125-185 CFM and Up to 150 PSI
- 12V and 24V DC
- Air End is Directly Coupled to the Hydraulic Motor
- Heavy-Duty Powder-Coated, Galvanneal Sheet Metal Enclosure

AIR COMPRESSOR

- Oil-Injected Rotary Screw Air Compressor
- Integrated Inlet Control
- Lifetime Warranty*
- Made in the USA

DISCHARGE TANK

- In-Tank Coalescer with 5 Year or 3000 Hour Life
- Less Than 10 PPM Oil Carry-Over
- Pressure Rated to 250 PSI
- ASME and CRN Certified

AIR-TO-OIL COOLER

- Capable of Cooling Up to 150 PSI
- Ambient Operating Range of -20 °F to + 120 °F
- Hydraulically-Powered Fan-Cooled Unit

AIR FILTER

- ABS Plastic Housing
- Dual Stage

INSTRUMENTATION

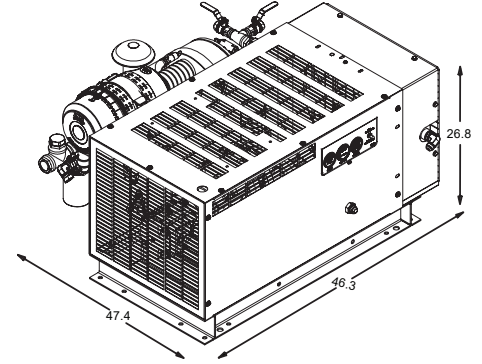
- Pressure, Hour and Temperature Gauges
- Conveniently Located

SAFETY EQUIPMENT

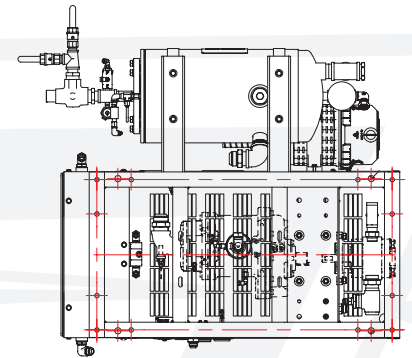
- Air Pressure Relief Safety Valve
- Automatic Blow-Down on Shutdown
- High-Temperature and High-Pressure Compressor Shutdown
- Oil Fill Plug Safety Relief

OPTIONS/ACCESSORIES

- 20-60 Gallon Air Reservoirs
- Aftercoolers
- Air Hoses
- Air Tools
- Filter/Lubricator/Regulator (FLR)
- Hose Reels and Fittings
- OSHA Safety Valve (Velocity Fuse)
- Post Drivers
- Service/Control Line Moisture Separators
- Tool Oiler/Lubricator



SIDE MOUNT CONFIGURATION



MOUNTING HOLES

*When following Vanair® prescribed maintenance standards.

HYDRAULIC SYSTEM REQUIREMENTS

Hydraulically-powered-fan cooled units will require 2-4 GPM of additional flow for the hydraulic fan motor. All hydraulic ratings and pressures are at the machine and do not take into account the pressure drops of individual hydraulic systems. These pressure drops need to be taken into account and added to the rating of the hydraulic pump and components. 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, the continuous hydraulic load when the compressor is running, the duty cycle and ambient operating temperatures, and any other hydraulic equipment that may share the same hydraulic supply system (Vanair® recommends a dedicated pump and hydraulic circuit).

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