



AQUA·AIR™



AIR COMPRESSOR



WATER PUMP

One Unit, One PTO - All the Air and Water You Need for CAFs!

The U.S.A. made, Vanair patented, AquaAir™ combines a PTO driven air compressor with a water pump in a single streamlined unit designed to be mounted underneath the chassis, which is ideal for Compressed Air Foam Systems (CAFS). AquaAir™ eliminates belts or pulleys usually associated with air and water pump underdeck configurations. These configurations also offer a superior truck weight reduction. Underdeck mounting increases valuable abovedeck mounted space for other equipment and tools. The AquaAir™ Air Compressor with Water Pump can produce air up to 185 CFM and 150 PSI and allows for pumping capability.

SPECIFICATIONS

CFM Rating (CFM)	Up to 185 CFM
Air Pressure (PSI)	Up to 150 PSI
Pump HP	Limited to 18HP

Aqua·Air™ Air End Unit Dimensions with fittings (In.): 26L x 14.5W x 13H | Dry Weight (Lbs): 243



VANAIR®
MOBILE POWER SOLUTIONS®

AQUA·AIR™

SEPARATION TANK

- Replaces Outdated Designs with Built-In Thermal Valve, Temperature Thermistor, Pressure Relief Valve, Single and Dual Pressure Regulators, Oil Filter Assembly, and Ultrasonic Oil Level Sensor Option
- Integrates the Components and Manifold Into the Tank for Faster Installation Plus More Dependable and Efficient Performance with Less Maintenance
- JIC and O-Ring Fittings for Connecting Points That Reduces Leak Points by Over 60%
- Sensors Can be Remotely Mounted in a Weatherproof Enclosure for Protection From the Environment
- Assured Anti-Static Grounding System

AIR/OIL SEPARATION - NEW ULTRALIFE®

- Innovative Design Offers the Lowest Cost of Ownership in the Industry
- Six Times More Life Than the Nearest Competitor's Spin-On Coalescer Element
- 15 Times More Life Than an Underhood Design Means the Coalescer Will Last Longer Than the Life Cycle of Your Vehicle
- Sensors Can be Remotely Mounted in a Weatherproof Enclosure for Protection From the Environment
- Assured Anti-Static Grounding system

INSTRUMENTATION - V-TECII®

- Infinitely Variable to Reduce Fuel, Noise, and Wear and Tear on the Engine
- Reliable Harnesses and Simplified Wiring
- All Harnesses are Designed and Tested in Accordance with IPC/WHMA-A-620C Standard
- Utilizes Deutsch Waterproof Connectors for All Connections
- Easy Plug and Play for Faster Installs and Straightforward Diagnostics
- Unique Torque Management for a Soft, Smooth Engagement of the PTO, Protecting the System and Driveline
- Onboard Diagnostics and Prescribed Maintenance Intervals
- USB Updatable and Rugged IP67 Rated Weatherproof Display with Low-Light and Bright Light Viewability

COOLER

- New Brushless Design with Thermal Protection
- Industry-Leading 40,000 Hour Design Life
- Certified IP68 Weatherproof Brushless Fan with Built-In Thermal Protection Eliminates the Need for Fan Relays

AIR END

- Sullair® Air End
- Made in the USA
- Lifetime Warranty
- 110,000 Hour Design Life
- Lowest Input Speeds on the Market
- Over 18 Standard Gear Ratios Available for Greater Efficiency for Lower Horsepower Requirements and Noise Reduction
- 100% Duty Cycle
- Integrated Inlet Control Valve

SAFETY

- Oil - Vanguard Oil
- High Temperature Shutdown
- High Pressure Shut Down
- Air Pressure Relief Safety Valve
- Minimum Pressure Orifice
- Automatic Blowdown on Shutdown
- Oil Fill Plug Safety Relief

OPTIONS/ACCESSORIES

- Patent-Pending FailSafe™ Dual Sensor Redundancy System
- Patent Pending ThermalGuard™ Weather Protection Kit
- Optical Oil Level Sensor



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