

Type:	Vanair® EPEQ® AIR20 electrically driven reciprocating air compressor New and in current production.
Capacity:	20 CFM free air at up to 150 PSIG operation.
Compressor:	Reciprocating type. 3-cylinder, single stage, splash lubricated. Demand sensing auto on/off with 2 speed control 10 CFM/20 CFM output in lieu of the following - 20 CFM and up to 150 PSIG.
Motor:	48V, permanent magnet AC (PMAC) electric motor drive.
Air Intake Filters:	Separate two-stage, heavy duty, dry-type air filters shall be provided for air compressor.
Battery:	Vanair® ELiMENT™ 48V Lithium Iron Phosphate Battery complete with Battery Management System (BMS) to include over current, over/under voltage and over temperature protection. BMS to monitor charge state and provide charge leveling.
Charger:	120VAC EPEQ® Shore Power ELiMENT™ Battery charging.
Instrument Panel:	<p>The EPEQ® Smart Controller is IP67 weatherproof rated and features an LCD display panel that is viewable in low and bright light conditions with navigation buttons. The controller has proprietary software designed to intelligently monitor and control all EPEQ® system components. The controller reads, monitors, and commands operations. Each component can communicate to the display allowing the user to make priority decisions to manage the load applied to the battery. The loads allowed to draw the battery can be adjusted based on various factors such as: temperature, heat build-up, duty cycle, assigned function priorities, and power remaining.</p> <p>The EPEQ® Smart Controller provides on screen information for on/off function, battery temperature, state of charge, PSI, speed, charge time remaining, warnings and general information.</p>
Options:	<p>_____ (With/Without) 3kW EPEQ® 48V, 120VAC Inverter, Pure Sine Wave</p> <p>_____ (With/Without) 48V EPEQ® Auxiliary Alternator/Regulator for on-the-go ELiMENT™ Battery charging</p> <p>_____ (With/Without) 12V to 48V, 20A DC-DC Converter for ELiMENT™ Battery charging</p> <p>_____ (With/Without) 12V to 48V, 30A DC-DC Converter for ELiMENT™ Battery charging</p> <p>_____ (With/Without) 48V to 12V, 60A, DC-DC Converter for powering 12V vehicular lighting and auxiliary equipment when vehicle is off utilizing the ELiMENT™ Battery</p> <p>_____ (With/Without) 14-gallon remote air tank. ASME/CRN certification on appropriately sized tanks - unit to include pressure gauge, ball valve, pressure relief valve, and condensation drain</p> <p>_____ (With/Without) 20-gallon remote air tank. ASME/CRN certification on appropriately sized tanks - unit to include pressure gauge, ball valve, pressure relief valve, and condensation drain</p>

- Warranty:** The air compressor shall be warranted for 2 years when following the prescribed maintenance schedule. This warranty does not cover damage caused by accident, misuse, or negligence. If the unit is disassembled the warranty is void.
- Installation:** Systems must be installed by a factory authorized installation center.