



**CONTRACTOR
RECIPROCATING AIR COMPRESSOR/GENERATOR**

**BID SPECIFICATION
REVISED: JUNE 24, 2026**

Type:	Vanair® Contractor series. In current production.
Compressor:	Reciprocating, 3-cylinder, single stage, splash lubricated, with built-in head unloaders, stainless steel braided discharge line, automatic throttle control.
Compressor Capacity:	20 CFM at up to 150 PSI max. Factory set to 125 PSI.
Generator:	Totally brushless with capacitor, copper windings, bi-directional rotation, pure sine wave <6% distortion.
Generator Capacity:	5kw peak, 4.2kW continuous at 60Hz, AC power, single phase, 120V/240V.
Engine:	<u>Vanair® VNR460VEI</u> : single-cylinder, electric start gasoline engine, air cooled, 16 HP, electronic fuel injected, automatic electronic throttle control. -or- <u>Vanair® VNR680</u> : V-twin, electric start gasoline engine, air cooled, 20 HP, automatic electronic throttle control, and automatic electronic choke control.
Battery:	12V sealed lead acid – per DOT specification 49 CFR 173.159.
Fuel Capacity:	<u>Vanair® VNR460VEI</u> : 1.9 gallon. -or- <u>Vanair® VNR680</u> : 11.5 gallon on models with 30 gallon air storage, or tied to chassis.
Air Storage Tank:	Options for 10 gallon, 30 gallon, or remote air tank depending on platform. ASME/CRN certification on appropriately sized tanks. Unit to include pressure gauge, ball valve, pressure relief valve and condensation drain.
Weight:	Dry weight: 304 – 550 lbs. depending on platform.

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Dimensions:

	Engine	Unit Dimensions (In.)
10 gallon tank	Vanair® VNR460VEI, 16 HP	51L x 21W x 28H
30 gallon tank	Vanair® VNR460VEI, 16 HP	51L x 20W x 38H
Skid mount	Vanair® VNR460EI, 16 HP	51L x 18W x 22H
30 gallon tank	Vanair® VNR680, 20 HP	48L x 22W x 42H
Skid mount	Vanair® VNR680, 20 HP	48L x 21W x 25H

Control Panel:

Panel to include 120V and 240V receptacles, voltmeter, thermal breakers and generator ON/OFF switch.

Drive System:

Heavy-duty belt-drive system with self-cooling, self-cleaning link belts. Belt is made of a custom-designed, high-tech polyurethane/polyester composite with an operating temperature range of -40°F to +240°F.

Metal and Tanks:

¼ " plate steel main frame, integrated lift hook and full-service access.

Warranty:

The air compressor/generator unit shall be warranted for three (3) 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.

Service Centers:

Manufacturer must have factory authorized service centers located in each state of the United States of America and Canadian provinces.

Options:

Remote mount control panel (*Vanair® VNR680, 20 HP only*)
 Remote air tank options
 Remote condensation drain
 Fuel tank - slimline 11 gallon (*Vanair® VNR680, 20 HP only*)
 Dry cell battery
 GFCI outlets on remote panel machines
 Maintenance kits - engine & compressor
 Cold weather kits
 Hose reels
 Machine covers