



**CONTRACTOR
RECIPROCATING AIR
COMPRESSOR / GENERATOR
BID SPECIFICATION
REVISED: JUNE 20, 2023**

| | |
|-----------------------------|--|
| Type: | Vanair® Contractor series. New and in current production. |
| Compressor: | Reciprocating type - 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 PSIG |
| Generator: | Totally brushless with capacitor, copper windings, bi-directional rotation, pure sine wave <4% distortion. |
| Generator Capacity: | 4.2kW continuous at 60 Hz, single phase, 120V/240V |
| Engine: | <p>Electric start gasoline engine, Kohler® Command PRO CH440 (14 HP) and Kohler® Command PRO CH620 (19 HP) per SAE J1940 specification, air cooled and automatic electronic throttle control.</p> <p>V-twin, electric start gasoline engine, Vanair® model VNR680, air cooled, 20 HP, automatic electronic throttle control, automatic electronic choke control.</p> |
| Battery: | 12V sealed lead acid – per DOT specification 49 CFR 173.1 |
| Fuel Capacity: | <p>Kohler® 14 HP: 1.9 gallons</p> <p>Kohler® 19 HP: 11 gallons on models with 30 gallon air storage</p> <p>Vanair® VNR680: 11 gallons on models with 30 gallon air storage</p> |
| Air Storage Tank: | Options for 10 gallon, 30 gallon, or remote air tank. ASME/CRN certification on appropriately sized tanks. Unit to include pressure gauge, ball valve, pressure relief valve and condensation drain. |
| Weight: | Dry weight (Lbs.): 304 – 550 depending on platform. |

Dimensions:

| Platform | Engine | Unit Dimensions (In.) |
|--------------|----------------|-----------------------|
| Skid Mount | Kohler® 14 | 51 L x 18 W x 22 H |
| 10 Gal. Tank | Kohler® 14 | 51 L x 21 W x 28 H |
| 30 Gal. Tank | Kohler® 14 | 51 L x 20 W x 38 H |
| Skid Mount | Kohler® 19 | 48 L x 21 W x 26 H |
| 30 Gal. Tank | Kohler® 19 | 48 L x 22 W x 43 H |
| Skid Mount | Vanair® VNR680 | 48 L x 21 W x 25 H |
| 30 Gal. Tank | Vanair® VNR680 | 48 L x 22 W x 42 H |

CONTRACTOR
RECIPROCATING AIR COMPRESSOR / GENERATOR

| | |
|--------------------------|---|
| Instrument 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: | Fully powder-coated with galvalume sheet metal, ¼ " plate steel main frame, integrated lift hook and full-service access. |
| Warranty: | The air compressor/generator unit shall be warranted for three 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 Condensation Drain Cold Weather Kit Maintenance Kits Remote Mounted Control Panel Electric Fuel Pump (Kohler® 19 with Skid Only) Slimline 11 Gal. Fuel Tank (Kohler® 19 and Vanair® VNR680 Only) Remote Air Tank Options Dry Cell Battery Hose Reels GFCI Outlet for Protection of 120V/240V (Kohler® 19 and Vanair® VNR680 Only) |