



# AIR N ARC<sup>®</sup> 200 SERIES ALL-IN-ONE POWER SYSTEMS<sup>®</sup> RECIPROCATING AIR COMPRESSOR GENERATOR, WELDER

## BID SPECIFICATIONS

AIR N ARC 200  
Revised: April 2011

|                             |  |
|-----------------------------|--|
| <b>Type:</b>                | Vanair <sup>®</sup> Air N Arc <sup>®</sup> 200 Series. New and in current production.  |
| <b>Compressor:</b>          | Reciprocating type. 2 cylinder, dual stage, splash lubricated, with built-in head unloaders, steel braided discharge line, automatic throttle control  |
| <b>Compressor Capacity:</b> | 24 CFM - Compressor to be capable of 175 PSIG operation  |
| <b>Generator:</b>           | Totally brushless with capacitor, copper windings, bi-directional rotation, pure sine <6% distortion   |
| <b>Generator Capacity:</b>  | 5000 watt continuous, 60Hz, single phase, 120V and 240V receptacles  |
| <b>Welder:</b>              | 100 % duty cycle high frequency DC/CC Range 30 – 200 amps, DC/CV – Range 15 – 40 volts   |
| <b>Booster:</b>             | 12 volt battery charge, 12 volt battery boost, and 24 volt battery boost are standard features.  |
| <b>Engine:</b>              | V-twin fuel injected, electric start gasoline engine, Kohler model Command Pro 25 EFI, air cooled, 25 HP per SAE J1940 specification, automatic electronic throttle control  |
| <b>Battery:</b>             | 12 volt sealed lead acid – Per DOT specification 49 CFR 173.159  |
| <b>Fuel Capacity:</b>       | 12 gallon – unit includes additional 12 volt solid state electronic fuel pump 1.5-2.5 GPH flow   |
| <b>Air Storage Tank:</b>    | Options for 30 gallon, or remote air tank. Tanks to be ASME/CRN certified. Unit to include pressure gauge, ball valve, pressure relief valve, and condensation drain   |
| <b>Weight:</b>              | Unit dry weight 500 - 725 Lbs. depending on platform   |
| <b>Dimensions:</b>          | 47.5 L x 21 W x 26.5 H (Inches) on remote air storage models<br>47.5 L x 23 W x 43.5 H (Inches) on 30 gallon air storage models  |
| <b>Instrument Panel:</b>    | Panel to include engine start/stop function, digital fuel gauge and hour meter, air pressure gauge, generator on/off switch, thermal breakers, 120V and 240V receptacles, weld cable connections, weld mode selector switch, digital display for amperage and voltage output, potentiometer for adjustment of amperage and voltage for weld mode, battery boost mode selector switch, battery booster cable connection, mode indicator lights and system fault lights. |

- Drive System:** Heavy duty belt-drive system with auto tensionor and self cooling, self-cleaning link belts to drive compressor. Belt is made of a custom-designed, high-tech polyurethane/polyester composite with an operating temperature range of -40° F to +240° F. Belt to drive the generators to be poly-V serpentine belt with quiet channel technology
- 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, welder, generator unit shall be warranted for 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 panel connection harness's in 4 foot increments available in 6 foot to 22 foot lengths, cable extension segments, welding helmets with auto darkening lenses, vibration isolators, remote air tanks, maintenance kits.



10896 W 300 North ■ Michigan City, IN. 46360  
800-526-8817 ■ FAX 219-879-5800  
[www.vanair.com](http://www.vanair.com)

*\*specs subject to change without notice*

© Vanair Manufacturing Inc