



# AIR N ARC<sup>®</sup> 150 SERIES ALL-IN-ONE POWER SYSTEMS<sup>®</sup> RECIPROCATING AIR COMPRESSOR GENERATOR, WELDER

## BID SPECIFICATIONS

AIR N ARC 150 – HONDA ENGINE  
Revised: April 2011

<b>Type:</b>	Vanair <sup>®</sup> Air N Arc <sup>®</sup> 150 Series. New and in current production.
<b>Compressor:</b>	Reciprocating type. 3 cylinder, single stage, splash lubricated, with built-in head unloaders, steel braided discharge line, automatic throttle control
<b>Compressor Capacity:</b>	20 CFM - Compressor to be capable of 150 PSIG operation
<b>Generator:</b>	Totally brushless with capacitor, copper windings, bi-directional rotation, pure sine <6% distortion
<b>Generator Capacity:</b>	5000 watt peak, 4200 watt continuous, 60Hz, single phase, 120V and 240V receptacles
<b>Welder:</b>	150 amps high frequency DC/CC 100% duty cycle – Electrode holder to have power button and amperage controls built in.
<b>Booster:</b>	**Optional** - 12V and/or 24V battery charge/boost capability
<b>Engine:</b>	Single cylinder, electric start, gasoline engine, Honda model GX 390, air cooled, 12 HP per SAE specification J1349
<b>Battery:</b>	12 volt sealed lead acid – Per DOT specification 49 CFR 173.159
<b>Fuel Capacity:</b>	1.75 gallon
<b>Air Storage Tank:</b>	Options for 8 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
<b>Weight:</b>	Unit dry weight 425 - 565 Lbs. depending on platform
<b>Dimensions:</b>	51 L x 17 W x 29 H (Inches) on 8 gallon air storage models 51 L x 19 W x 41 H (Inches) on 30 gallon air storage models
<b>Instrument Panel:</b>	Panel to include 120V and 240V receptacles, volt meter, thermal breakers, generator on/off switch, welder connection and selector switch, battery booster cable connection (if equipped)
<b>Drive System:</b>	Heavy duty belt-drive system with 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 air tanks, 12 and/or 24 volt battery charge and boost capability, cable extension segments, welding helmets with auto darkening lenses, vibration isolators, and maintenance kits.



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*\*specs subject to change without notice*

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