



AIR N ARC[®] 150 SERIES ALL-IN-ONE POWER SYSTEMS[®] RECIPROCATING AIR COMPRESSOR GENERATOR, WELDER

BID SPECIFICATIONS

AIR N ARC 150 – KOHLER ENGINE
Revised: April 2011

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|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type: | Vanair [®] Air N Arc [®] 150 Series. New and in current production. |
| Compressor: | Reciprocating type. 3 cylinder, single stage, splash lubricated, with built-in head unloaders, steel braided discharge line, automatic throttle control |
| Compressor Capacity: | 20 CFM - Compressor to be capable of 150 PSIG operation |
| Generator: | Totally brushless with capacitor, copper windings, bi-directional rotation, pure sine <6% distortion |
| Generator Capacity: | 5000 watt peak, 4200 watt continuous, 60Hz, single phase, 120V and 240V receptacles |
| Welder: | 150 amps high frequency DC/CC 100% duty cycle – Electrode holder to have power button and amperage controls built-in. |
| Booster: | **Optional** - 12V and/or 24V battery charge/boost capability. |
| Engine: | V-twin, electric start gasoline engine, Kohler model Command Pro 18, air cooled, 18 HP per SAE J1940 specification, automatic electronic throttle control, electronic choke control |
| Battery: | 12 volt sealed lead acid – Per DOT specification 49 CFR 173.159 |
| Fuel Capacity: | 12 gallons on models with 30 gallon air storage – 4.5 gallons on models with 8 gallon air storage |
| Air Storage Tank: | 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 |
| Weight: | Unit dry weight 425 - 550 Lbs. depending on platform |
| Dimensions: | 47.5 L x 18 W x 29 H (Inches) on 8 gallon air storage models 47.5 L x 22 W x 41 H (Inches) on 30 gallon air storage models |
| Instrument Panel: | 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) and low fuel indicator lamp |

- Drive System:** 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 mount control panel, remote panel connection harness's in 4 foot increments available in 6 foot to 22 foot lengths, 12 and/or 24 volt battery charge and boost capability, CV Mig capability on remote panel machines, cable extension segments, welding helmets with auto darkening lenses, exhaust elbow adapter, spark arrestor, vibration isolators, remote fuel tanks, remote air tanks, maintenance kits.



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**specs subject to change without notice*

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