



AIR N ARC® 150

The Ideal System for Light to Medium Industrial Repair.

The Air N Arc® 150 provides you with up to five forms of power in one compact and economic unit, allowing you to save space and weight on your vehicle. Providing up to 150A of welding power, the Air N Arc® 150 is available in multiple configurations to meet your mounting needs.

- **Engine:** Vanair® VNR460VEI, 16 HP or Vanair® VNR680, 20 HP
- **Air Compressor:** Reciprocating, 20 CFM, 150 PSI max ¹
- **Generator:** 5kW peak, 4.2kW continuous, AC power, 60Hz, single phase
- **Welder:** CC: 40-150A, CV: 15-30V
- **Drive System:** Belt-driven
- **Fuel Capacity:** 1.9 gallon ², 11.5 gallon or tied to chassis ³
- **Air Storage Capacity:** 10 gallon ⁴, 30 gallon, or skid mount

¹ Air Compressor is factory set to 125 PSI

² 1.9 gallon option for Vanair® VNR460VEI, 16 HP only

³ 11.5 gallon or tied to chassis option for Vanair® VNR680, 20 HP only

⁴ 10 gallon air reservoir option for Vanair® VNR460VEI, 16 HP only



Shown: Vanair® VNR680, 20 HP, 30 gallon



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AIR N ARC® 150 ALL-IN-ONE POWER SYSTEM®

KEY FEATURES

- Fuel system can be integrated with the chassis ¹
- 100% duty, high-frequency welder offering excellent weld characteristics
- Heavy-duty belt-driven system for anti-vibration & long service intervals

Engine

- Vanair® VNR460VEI, 16 HP or Vanair® VNR680, 20 HP
- Electric start
- Electronic governor for quick throttle response & precise stability
- Electronic fuel injection technology standard on Vanair® VNR460VEI, 16 HP engine

Air Compressor

- Reciprocating compressor
- 20 CFM, 150 PSI max (factory set @ 125 PSI)
- Cast iron air pump with three cylinder head design for better cooling

Generator

- 4.2kW continuous @ 60Hz
- True two-generator system for safe multi-functioning of welder & electric tools
- Brushless AC design
- Smooth wave for minimal distortion
- 120V & 240V outlets provided

Welder

- CC: 40-150A, CV: 15-30V
- 100% variable completely controllable
- Independent welding generator
- Safe multi-function
- Auto throttle control

Fuel Capacity

- 1.9 gallon ²
- 11.5 gallon on models with 30 gallon air storage, or tied to chassis ³

Air Storage Capacity

- 10 gallon ⁴, 30 gallon, or skid mount

Battery Boost/Charge (Optional) ⁵

- 150A, 12/24V boost
- 50A, 12V charge

Remote Control Panel (Optional) ⁶

- Provides ultimate user convenience & safety
- All functions accessible at panel
- Harness options available

Options/Accessories

- Remote mount control panel ⁶
- Remote panel harness - 10', 14', 18'
- Remote ignition ⁷
- Battery booster cables
- Fuel tank – slimline 11 gallon ⁸
- Remote air tank options
- Remote condensation drain
- Welding helmet with auto darkening lens
- Dry cell battery
- GFCI outlets on remote panel machines
- Filter/lubricator/regulator (FLR)
- Hose reels & fittings
- OSHA safety valve (velocity fuse)
- Service/control line moisture separators
- Tool oiler/lubricator
- Maintenance kits - engine & compressor
- Cold weather kits
- Machine covers

Dimensions/Weight

- 51.5L x 21W x 31.2H - 10 gallon Vanair® VNR460VEI, 16 HP
- 50.7L x 19.2W x 40.8H - 30 gallon Vanair® VNR460VEI, 16 HP
- 50.3L x 18.2W x 24.2H - skid mount Vanair® VNR460VEI, 16 HP
- 47.8L x 22.8W 41.8H - 30 gallon Vanair® VNR680, 20 HP
- 47.8L x 21.3W 25.3H - skid mount Vanair® VNR680, 20 HP
- 290-487 lbs. dry weight (depending on platform)

¹ Integrated chassis fuel option for Vanair® VNR680, 20 HP only

² 1.9 gallon option for Vanair® VNR460VEI, 16 HP only

³ 11.5 gallon or tied to chassis option for Vanair® VNR680, 20 HP only

⁴ 10 gallon air reservoir option for Vanair® VNR460VEI, 16 HP only

⁵ Battery boost/charge standard for Vanair® VNR680, 20 HP only

⁶ Remote control panel option for Vanair® VNR680, 20 HP only

⁷ Remote ignition option for Vanair® VNR460VEI, 16 HP only

⁸ 11 gallon slimline fuel tank option for Vanair® VNR680, 20 HP only

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