



**VIPER GAS GEN 40 -70 CFM ABOVEDECK
 ROTARY SCREW AIR COMPRESSOR/
 5.2 KILOWATT GENERATOR
 BID SPECIFICATION
 REVISED: June 01, 2021**

- Type:** Viper Gas with Generator 30-70 CFM rotary screw air compressor. New and in current production.
- Capacity:** 40-70 CFM free air at up to 150 PSIG.
- Compressor:** Sullair® 8 series design oil flooded rotary screw. The air compressors shall be completely manufactured and assembled in the USA. Air compressor inlet control valve shall be an integral design incorporated in the cast iron housing. No bolt on inlet control valves.
- Input Speed:** Air compressor shall produce up to 70 CFM at 3600 RPM input speed.
- Engine:** 2-cylinder gasoline engine, Kohler® model CH-730, air cooled with overhead valve, 23.5 HP.
- Battery:** 12V electric start
- Fuel Capacity:** Five gallons

Performance Chart:

Dual Functionality - Air & Generator		
Capacity (CFM)	40	30
Air Pressure (PSI)	100	150
Engine Speed (RPM)	3600	3600
Generator Speed (RPM)	3600	3600
kW (peak)	5.2	5.2
Hz	60	60

Single Function - Air or Generator			
Capacity (CFM)	45	50	75
Air Pressure (PSI)	150	100	100
Engine Speed (RPM)	3600	3600	3600
Or			
Generator Speed (RPM)	3600	3600	3600
kW (peak)	5.2	5.2	5.2
Hz	60	60	60

Ratings per CAGI/PNEUROP PN2CPTC3

- Weight:** Dry weight (Lbs.): 685
- Dimensions:** 42.0L x 33.0W x 34.5H (In.)
- Air Intake Filters:** Separate two-stage, heavy duty, dry-type air filters shall be provided for air compressor.
- Air/Fluid Separator:** Separator to be externally mounted spin-on design. Vanair® separator shall provide for enhanced air quality, reduced operating and maintenance cost and optimized compressor performance.



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- Instrument Panel:** Panel to include compressor air pressure gauge, hour meter, compressor oil temperature gauge and over-temperature/over-pressure reset switch.
- Generator Outputs:** (2) 20 AMP 110 VAC GFCI outlets and (1) 30 AMP 120 VAC twist lock outlet.
- Protective Circuit:** Compressor to provide provisions for automatic shutdown in case of high compressor temperature or over pressurization. Additional protective features provided include automatic blow down valve, receiver relief valve and minimum pressure valve.
- Cooling System:** Compressor cooling system shall allow rated air delivery and pressure operation continuously in 125 °F ambient temperatures. Cooler to be mounted in a powder-coated sheet metal enclosure with a suction type fan assembly (No ABS plastic shrouding). Compressor fluid shall be filtered by a 25 micron full flow spin-on replaceable filter canister. A fan temperature switch shall be provided to regulate compressor cooling.
- Input Controls:** Pneumatic inlet control valve shall be integrated into compressor system and automatically modulate output from 0 to 100% in response to air demand
- Mainframe and Enclosure:** Fully powder-coated galvaneal mainframe and sheet metal enclosure with full service access.
- General:** The compressor shall be manufactured in an ISO 9001 certified quality system.
- Warranty:** The air end is warranted for life when adhering to the prescribed maintenance schedule. This warranty does not cover damage caused by accident, misuse, or negligence. If the compressor unit is disassembled the warranty is void. All other parts including the compressor unit shaft seal are warranted for twelve months subject to the same conditions mentioned above.
- Service Centers:** The air compressor manufacturer MUST have factory authorized service centers located in each state of the United States of America and Canadian provinces.
- Options:**
- Service/Control Line Moisture Separators
 - Filter/Lubricator/Regulator (FLR)
 - Air Hoses, Hose Reels and Fittings
 - OSHA Safety Valve (Velocity Fuse)
 - Remote Start
 - Tool Oiler/Lubricator
 - Post Drivers
 - CARB Casters
 - Cold Weather Package