

Apex™ VS Series

Variable Speed

Rotary Screw Air Compressor



Apex VS 7 & 11 kW

Since entering the variable speed market, Gardner Denver has helped thousands of organizations realize the efficiencies that come with a variable speed unit. The Gardner Denver Apex VS offers the efficiency and reliability that you demand delivered by a proven industrial design. With industrial grade components, the Apex VS is an investment in your organization's future that will pay off for years to come.

Compact

With a 27 x 31 x 43 footprint, the Apex VS has one of the smallest footprints in the industry. This compact design was accomplished while still keeping the compressor service-friendly. All major service points are easy to access meaning the Apex VS can be serviced in as little as 15 minutes with no specialized tools required.

Efficiency

We designed the Apex VS keeping the dynamics of variable speed technology in mind. By taking this route, we have produced a package that maximizes the efficiencies of variable speed and produces market-leading energy savings. When it comes to small horsepower efficiencies, the Apex VS is at the top of the market.

Low Sound

With a dba level of 70, the Apex VS can be installed next to the point-of-use. In addition to lower overall installation costs, the low sound level results in a safer work environment—NO HEARING PROTECTION REQUIRED!



Experience Proven Results™

Technical Data

Apex VS 7 & 11 kW, 60 Hz

Model	Working Pressure psig	Capacity at Rated Pressure acfm (1)	Motor Power		Net Weight lbs (2)	Dimensions L x W x H inches	Noise Level dBA
			HP	kW			
APEX VS 7	110	38.4	10	7	613	27 x 31 x 43	70
	125	35.5					
	175	25.2					
APEX VS 11	110	57.7	15	11	613	27 x 31 x 43	70
	125	53.6					
	175	41.0					

1 - Capacity measured in accordance with CAGI/PNEUROP acceptance test code PN2CPTC2.

2 - Weights shown are less shipping skid.

STANDARD EQUIPMENT

After Cooler: Radiator-Type

Air Hoses: Stainless Steel, Over-Braided

Air/Oil Separator: Spin-On Type

Belt: V-Belt

Belt Adjustment: Jack-Bolt Tensioning Device

Control Lines: Corrosion-Resistant Tubing

Control Enclosure: NEMA 4 Listed

Controller: AirSmart™ Microprocessor

- Automatic Start/Stop
- Auto Blow-Down With Adjustable Timed Stop
- Full Text Liquid Crystal Display (LCD)
- Displays Hourmeter, Discharge Air Temperature, System/Reservoir Pressure, Separator Differential Pressure

Design Codes:

- UL/cUL Labeled Electronics - Including Control Panel
- CSA Labeled and Approved Electrical Controls and Wiring

Discharge Pressure Check Valve (Minimum)

Enclosure: 16 Gauge Steel, 70 dBA

Inlet Air Filter: 99.9% @ 5 Micron, Two-Stage, High Efficiency

Moisture Separator/Trap

Motor: Inverter Duty, TEFC, 1.15 Service Factor, 5 Year Warranty, EISA Energy Efficient

Oil Cooler: Radiator-Type

Oil Reservoir: Pressure Relief Valve, CRN Approved

Oil Filter: Spin-On Type, 30 Micron, Full Flow

Oil Hoses: Stainless Steel, Over-Braided

Thermal Mixing Valve: Thermostatic

Variable Frequency Drive: Allen-Bradley Designed and Manufactured, Integrated EMC Filter, Internal DC Choke

OPTIONAL EQUIPMENT

Communication/Sequencing Module:

- Sequencing of up to Eight Compressors
- Remote Monitoring Ready
- Date and Time Stamping

Line Reactor

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