

Apex™ VS Total System

Variable Speed
Rotary Screw Air
Compressors

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.



Flexibility

The Apex VS brings even more flexibility to our variable speed offering. By offering the units mounted on receivers and giving you the ability to add on a dryer, the Apex VS allows you to customize a system that meets your compressed air needs while achieving minimal installation costs.

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!

GD
GARDNER DENVER

Experience Proven Results™

Technical Data

Apex VS Total System 7 & 11 kW, 60 Hz

Model	Working Pressure psig	Capacity at Rated Pressure acfm (1)	Motor Power		Receiver Size gallons	Net Weight lbs (2)	Net Weight with Dryer lbs (2)	Dimensions L x W x H inches	Dimensions with Dryer L x W x H inches	Noise Level dBA
			HP	kW						
Apex VS 7	110	38.4	10	7	80	1031	1245	52 x 32 x 73	63 x 32 x 73	70
	125	35.5			120	1114	1328	73 x 32 x 73	72 x 32 x 73	
	175	25.2			240	1466	1680	90 x 37 x 79	89 x 37 x 79	
Apex VS 11	110	57.7	15	11	80	1030	1245	52 x 32 x 73	63 x 32 x 73	70
	125	53.6			120	1114	1328	73 x 32 x 73	72 x 32 x 73	
	175	41.0			240	1466	1680	90 x 37 x 79	89 x 37 x 79	

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

2 - Weights shown are less shipping skid.

STANDARD EQUIPMENT - BASE MOUNTED UNIT

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 (Base Mounted Only)

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

STANDARD EQUIPMENT - RECEIVER MOUNTED UNIT

Includes All of the Base-Mounted Standard Equipment PLUS:

Air Supply Lines: Stainless Steel

Condensate Drain: Automatic, Zero Air Loss

Fork Lift Slots: Integrated, Enclosed

STANDARD EQUIPMENT - RECEIVER MOUNTED UNIT WITH REFRIGERATED DRYER

Includes All of the Base-Mounted and Receiver-Mounted Standard Equipment PLUS:

Dryer: Non-Cycling Refrigerated with 38°F dew point.

3-Way Bypass Valve

OPTIONAL EQUIPMENT

Cold Coalescing Filter (Units with Dryer Only)

Communication/Sequencing Module:

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



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