



## Rotary Screw Air Compressors



### Apex 5–15 HP Load/No Load Control

#### **PEAK PERFORMANCE**

The Gardner Denver Apex series offers the performance and reliability that you demand, delivered by a simple and proven industrial design. With industrial grade components the Apex series is not a typical throw-away compressor! It is an investment in your organization's future.

#### **EFFICIENCY**

Instead of developing a package and then selecting an airend, we designed the airend and then built the package. The newly enhanced airend included in the Apex Series has improved efficiency over its predecessor and increased bearing life over 50%.

#### **LOW SOUND**

With dba levels as low as 67, the Apex Series 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.

#### **COMPACT**

By utilizing the air receiver as a base for the compressor and dryer, the Apex Total System provides all the options of a room-sized compressed air system in a space-saving footprint.

#### **EASE OF MAINTENANCE**

The Apex Series has been designed so all routine maintenance can be accomplished in as little as 15 minutes, with no specialized tools needed!

*The Apex Series is not a  
throw-away compressor*



Experience Proven Results™

# Technical Data

Apex Total System 5-15 HP, 60 Hz

Model	Working Pressure psig	Capacity at Rated Pressure acfm	Motor Power HP	Receiver Size gallons	Net Weight lbs	Net Weight with Dryer lbs	Dimensions L x W x H inches	Dimensions with Dryer L x W x H inches	Noise Level dBA
APEX 5	110	20	5	80	960	1150	27 x 31 x 43	63 x 32 x 73	67
	125	18		120	1040	1235		72 x 32 x 73	
	175	13							
APEX 7.5	110	28	7.5	80	1000	1150	27 x 31 x 43	63 x 32 x 73	68
	125	27		120	1085	1235		72 x 32 x 73	
	175	18.5							
APEX 10	110	41	10	80	1030	1190	27 x 31 x 43	63 x 32 x 73	70
	125	36.5		120	1115	1275		72 x 32 x 73	
	175	26.5		240	1465	1625		89 x 37 x 79	
APEX 15	110	59	15	80	1030	1245	27 x 31 x 43	63 x 32 x 73	70
	125	54		120	1115	1330		72 x 32 x 73	
	175	41		240	1465	1680		89 x 37 x 79	

## 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:** UL Type 4 (NEMA 4) Listed

**Controller:** AirSmart™ Microprocessor

- Automatic Start/Stop or Load/Unload Operation
- Auto Blow-Down With Adjustable Timed Stop
- Full Text Liquid Crystal Display (LCD)
- Displays Hourmeter (loaded and total), 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, 67-70 dBA

**Inlet Air Filter:** 99.9% @ 5 Micron, Two-Stage, High Eff.

**Moisture Separator/Trap** (Base Mounted Only)

**Motor:** TEFC Drive, 1.15 Service Factor, 5 Year Warranty, 3 ph models are 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

**Starter:** Mounted and Wired Full-Voltage Starter

**Thermal Mixing Valve:** Thermostatic

## 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. (see RNC brochure for details)

**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

**Wye Delta Motor/Starter:** 10 & 15 HP only



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# Gardner Denver®

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