



## 15-25 HP ROTARY SCREW COMPRESSORS

# Apex Series™

### Peak Performance

Featuring professional grade components such as, a high efficiency TEAO motor, robust and high performing Allen Bradley inverter drive, and stainless steel over-braided hoses, the fixed speed Apex Series™ from Gardner Denver offers a fully enclosed, low noise compressor package that delivers the performance and reliability you demand. The integrated airend design includes easy-to-access service items, a thermostatic mixing valve that ensures proper compressor warm-up and prevents moisture contamination of oil and a robust, two-stage lubricant separation system that keeps oil carryover to a minimum. The Apex Series™ from Gardner Denver—a peak performer and solid investment in your organization's future.

### Information at your Fingertips

All Apex 15-25 HP units come equipped with the AirSmart G2™ microprocessor controller. The AirSmart G2™ from Gardner Denver is more than just a controller—it's the lifeline to understanding your system's operation. With built-in digital gauges, a maintenance dashboard and real-time and historical trending, the AirSmart G2™ gives you the information you need at your fingertips.

### Configuration Flexibility

Apex Series™ compressors are available in base mount or Total System™ configurations. The plug-and-play Total System™ configuration is an Apex Series™ compressor mounted on a horizontal receiver tank with or without a refrigerated air dryer. Featuring standard high-end components such as a three-way bypass valve, stainless steel piping, integrated fork lift slots and an automatic tank drain, the Apex Total System™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

# **Gardner Denver**

## APEX 15-25 HP ROTARY SCREW COMPRESSOR, 60 HZ

MODEL	DRIVE MOTOR		NOMINAL PRESSURE		FAD <sup>1</sup>		NOISE LEVEL <sup>2</sup> DB(A)	WEIGHT		DIMENSIONS L x W x H IN. (MM)
	HP	KW	PSIG	BAR	ACFM	M <sup>3</sup> /MIN		LBS	KG	
Apex 15+	15	11	110 125 175	7.5 8.6 12	75.3 67.0 50.6	2.13 1.90 1.43	69	1100	499	40 x 33 x 49 (1016 x 838 x 1245)
Apex 20	20	15	110 125 175	7.5 8.6 12	89.3 81.6 65.1	2.53 2.31 1.84				
Apex 25	25	18	110 125 175	7.5 8.6 12	110.4 103.4 82.6	3.13 2.93 2.34				

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:

Air Intake Pressure 1 bar A, Air Intake Temperature 20° C, Humidity 0 % (Dry)

2) Measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB

## TOTAL SYSTEM

MODEL	DRYER MODEL <sup>1</sup>	RECEIVER SIZE GAL. (LITERS)	REFRIGERANT	WEIGHT LBS (KG)  120 GAL	DIMENSIONS L x W x H IN. (MM)  120 GAL
Apex 15+	RNC75	120, 240 (454, 908)	R134A	With Dryer 1781 (808)	With Dryer 91 x 38 x 85 (2311 x 965 x 2159)
Apex 20	RNC100				
Apex 25	RNC125				

1) Dryer on Total System package has separate electrical connection and voltage.

## Apex Series™ Features (15-25 HP)

- Belt drive, oil flooded, single stage rotary screw air compressor
- AEON 4000 lubricant
- Air-cooled only
- AirSmart G2™ microprocessor controller
- Automatic zero-loss condensate drain (with receiver tank selection only)
- CRN and ASME rated aftercooler
- CSA labeled and approved electrical controls and wiring
- Integrated spin-on oil filter, spin-on air/oil separator and two-stage air filter
- Integrated thermostatic thermal mixing valve
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired wye-delta starter
- NEMA 4 electrical enclosure
- Optional sequencing kit
- Optional ASME receiver tank (120, 240 gallons)
- Optional mounted refrigerated dryer (with receiver tank selection only)
- Optional cold coalescing filter (with mounted dryer only)
- TEAO main motor
- Three-way bypass valve (with receiver tank and mounted dryer only)
- Stainless steel piping (with receiver tank and mounted dryer options)
- UL/cUL labeled electronics – including control panel (UL 508A)
- Voltage: 208 / 230 / 460 / 575V (3 phase only)

**Gardner  
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