

GARDNER DENVER | COMPRESSED AIR TECHNOLOGIES

Reciprocating Air Compressor

Single & Two Stage Cast Iron Industrial

The Gardner Denver reciprocating compressor is a true leader in its class. Whether measured by reliability, efficiency, ruggedness, flexibility or maintainability, it has no equal. In its many configurations, the SS & T30 air compressor has been applied in every thinkable industry that uses compressed air.

Designed for heavy industrial applications, the single and two stage reciprocating air compressors provide quality and performance that exceed customer requirements.

Engineered for high-performance, reliability and efficiency, Gardner Denver reciprocating compressors provide easy operation and low maintenance. When you select a Gardner Denver reciprocating compressor, you've selected a compressor that is world renowned for its quality and reliability.

SS, Single-Stage Series

Single-stage cast iron air compressor has been designed and built by Gardner Denver to provide industrial users with the highest quality continuous duty operation. Giving long term durability and less maintenance. These twin cylinder block design air compressors have conservative running speed for prolonged life.

What do you get from a standard package

- Heavy Duty Cast Iron Pump
- Efficient Electric Motor
 - Built-in Thermal Relay (Single Phase)
 - 1.15 S.F, TEFC, IP54 protection, Class F (3 Phase)
- Highly Reliable Magnetic Starter
 - Direct-On-Line (3hp - 7hp)
- Star Delta for 10hp and Above
- Time Proven Parts & Components
- Totally Enclosed Wired Belt Guard
- AS1210 Air Receiver with 3rd Party Certification



TS, Two-Stage Series

What are the benefits and advantages of Type 30

- 100% Cast Iron frame and separately-cast cylinders
- Precision machined high quality cast iron cylinders with deep radial fins, suitable for heavy duty operation and longer life.
- Heat treated stainless steel finger valve assembly, provides a larger flow area resulting in lesser heat and carbon build-up. Easy removal simplifies servicing.
- Efficient finned intercooler tubes. Runs cooler, resulting in a more efficient compressor that consumes lesser power and lasts longer. Balanced overhung crankshaft
- Precision balanced for smooth running with replaceable crankpin bushing that protects the crankshaft from damage.
- Rugged one-piece connecting rod, Solid-end precision type. No bolts or nuts which can come loose.
- Centrifugal unloader for No Load start
 - Prevents motor from starting under load. Eliminates possibility of motor burn out. Factory-filled synthetic lubricants.
 - Reduces carbon buildup. Extends lubricant change period. Improves compressor performance and increases compressor life.

Gardner Denver's Two-stage standard package compressors are designed for the most demanding applications, where a dependable air supply is required. Perfect for automotive, commercial and industrial applications. When performance is defined by maximum operating pressure, increased air flow and extended duty cycles, Gardner Denver is the product of choice.

What do you get from a standard package

- Heavy Duty Cast Iron Pump Efficient Electric Motor
 - Built-in thermal relay (Single phase)
 - TEFC IP54 protection, Class F (3 phase)
- Highly Reliable Magnetic Starter
 - Direct-On-Line (3hp - 10hp)
 - Star Delta (10hp - 30hp)
- Time Proven Parts & Components
- Totally Enclosed Wired Belt Guard
- AS1210 Air Receiver with 3rd Party Certification



Model	Power (Hp)	Package FAD (cfm)	Operating Pressure (Bar g)	Voltage	Dimension (L x W x H)	Weight (Kg)	Receiver Size (L)
Single - Stage Series							
R22	2.2	7.6	8.6	240V	1110 x 670 x 700	120	50
R30	3.0	9.8	8.6	240V	1110 x 670 x 700	120	50
R55	5.5	16.45	8.6	415V	850 x 465 x 563	140	174
R75	7.5	24.5	8.6	415V	1740 x 600 x 1060	330	174
R100	10.0	32.9	8.6	415V	1740 x 600 x 1060	330	174
Two - Stage Series - Type 30							
TSR75/12	7.5	21.35	12	415V	1740 x 620 x 1130	355	230
TSR100/12	10	33.6	12	415V	1740 x 620 x 1130	374	230

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