

Gardner Denver

2-30 HP | RECIPROCATING AIR COMPRESSORS

R-Series





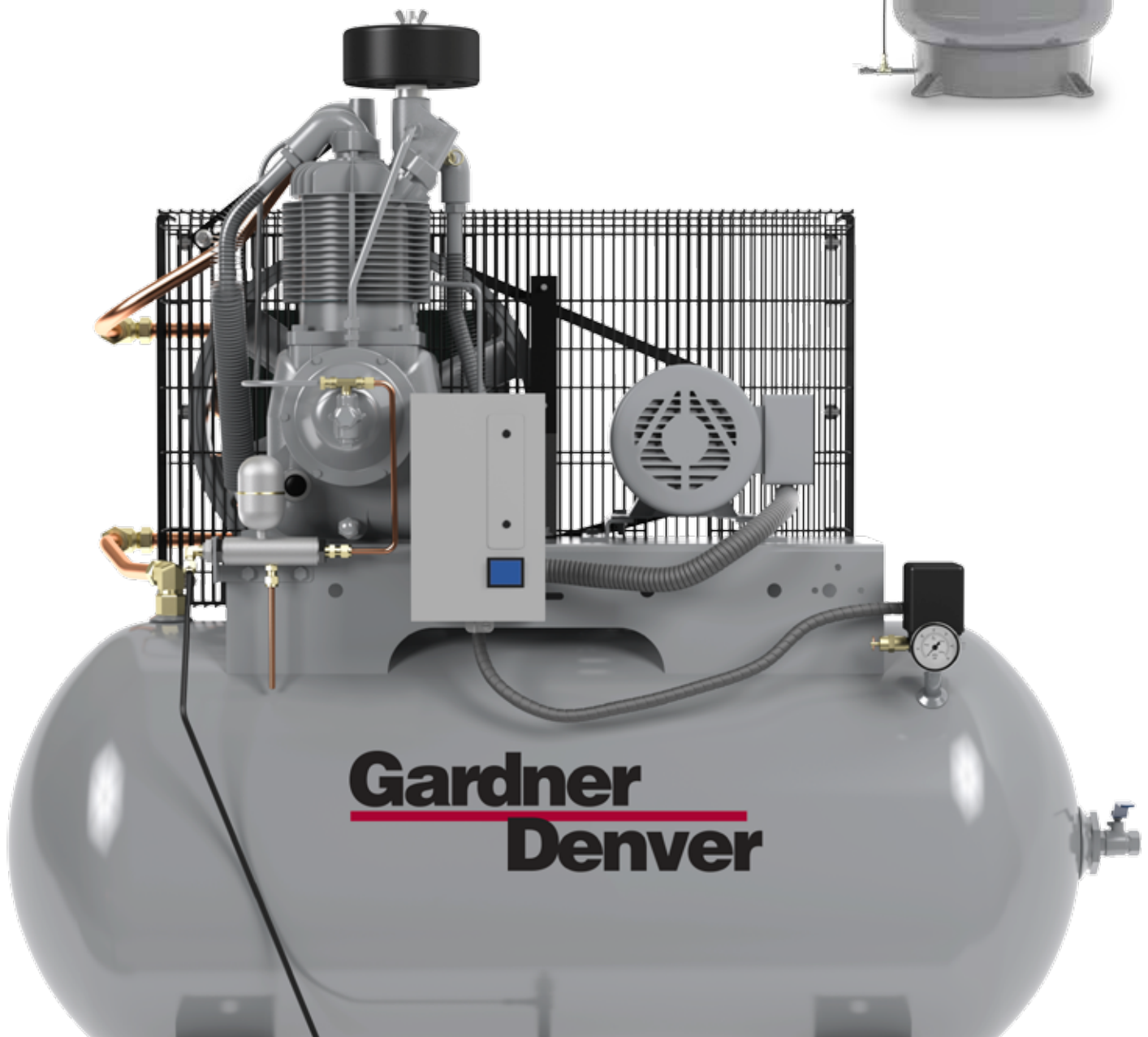
Customized **Solutions** Unparalleled Performance

A Winning Combination

Gardner Denver compressors are proven units, known for their reliability over decades of use. We know our products and understand how they operate in many different operating environments. No matter the application, Gardner Denver gets the job done.

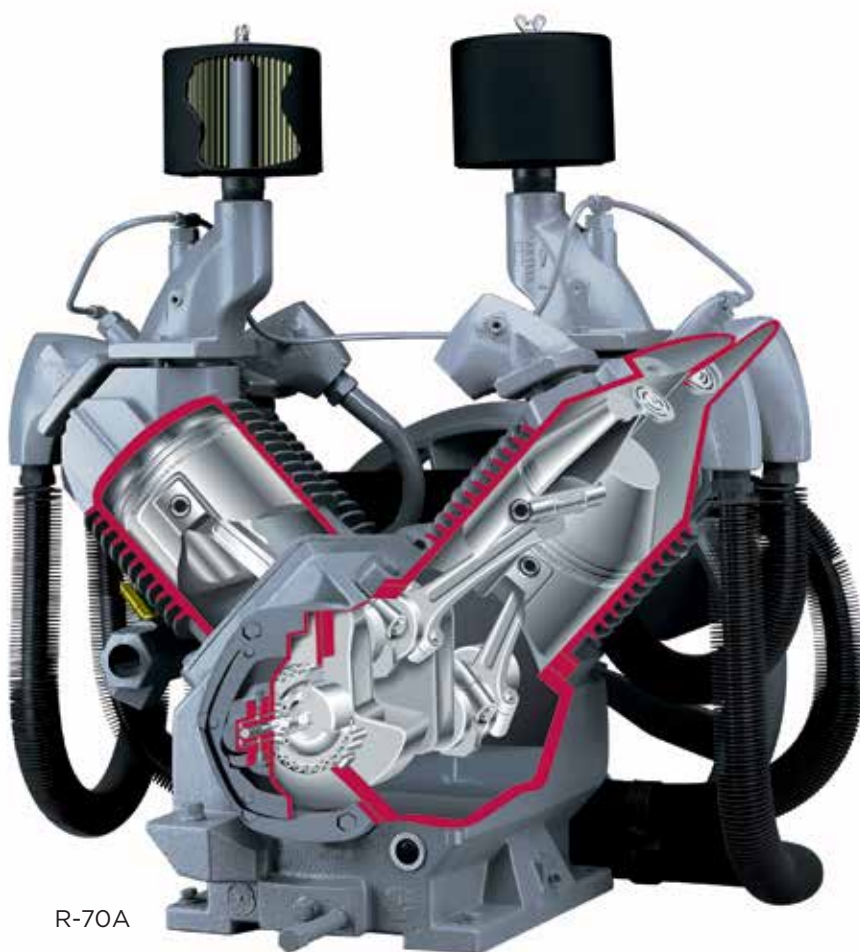
The Solution to Your Application

Gardner Denver R-Series Compressors have a time-tested, proven design. Rugged standard features, a wide selection of configurations, and quality available options make the R-Series compressors the solution to your application. Delivering high performance, long life and tremendous value—Gardner Denver compressors are the proven choice!



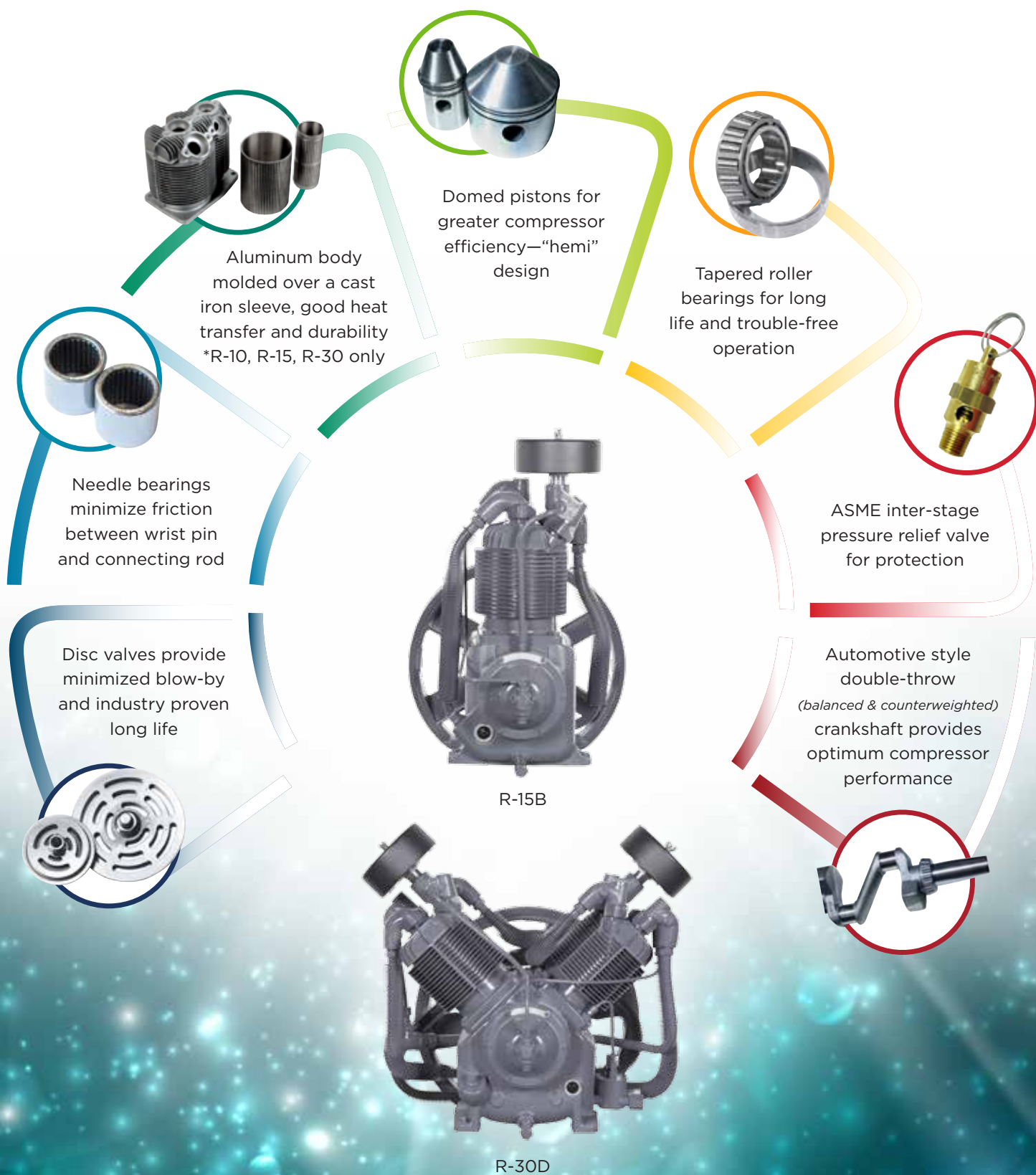
Design Advantage

- Multi-Finned Cylinders for Cooler Operating Temperatures
- Integral Cylinder/Head Design for Trouble-Free Operation
- Balanced Pistons
- Piston Rings Provide Excellent Oil Control and High Efficiency
- Lightweight, Two-Piece Connecting Rods
- Pressure Relief Valves
- Large Diameter Finned Intercoolers
- Optimized Cooling Fan/Flywheel
- Reliable High-Flow Disc Valves
- Tapered Roller Main Bearings
- Balanced Crankshaft
- Large Capacity Cast-Iron Crankcase
- Centrifugal Unloader for Minimized Starting Power & Completely Load-Less Starting

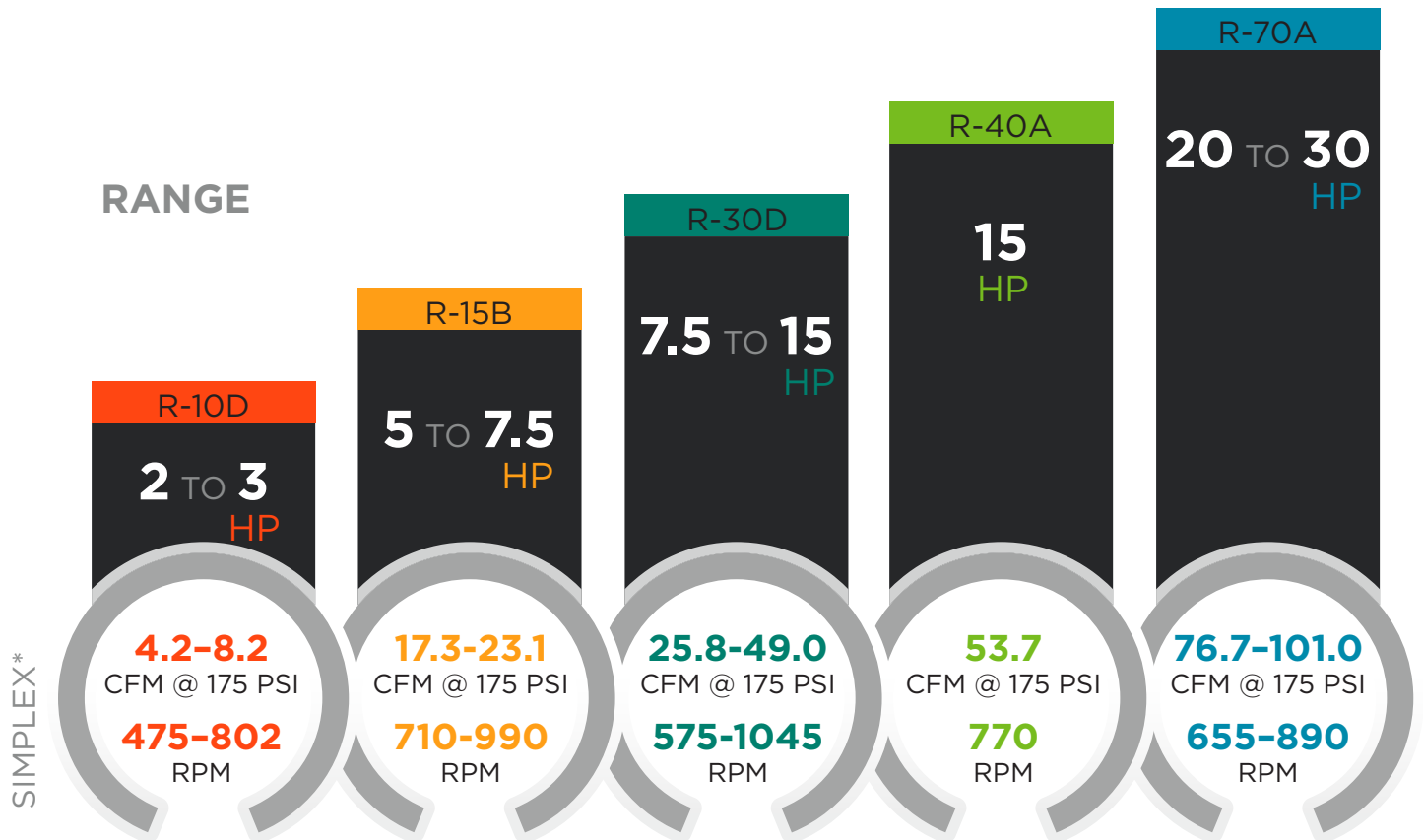


R-70A

It's All in the Details



A Complete RANGE



*Double CFM values for Duplex Units (Duplex not available in 1.5 HP)



R-40A



R-70A



R-15B



R-10D



R-30D

Customized to Fit Your Application

With multiple unit configurations, tank sizes and variations—along with available options and accessories, Gardner Denver R-Series compressors are built specifically to satisfy your demanding application.



BASE MOUNT



HORIZONTAL



VERTICAL



DUPLEX



ENGINE OR
DIESEL DRIVEN



BARE
COMPRESSOR
PUMP

Standard Features

- Load-less starting (via centrifugal unloader) for lower energy costs and less wear on drive motor
- ASME inter-stage pressure relief valve for protection
- ODP NEMA 1760 RPM electric motor
- 10 Micron industrial grade intake filter
- ASME coded receiver
- 0-300 PSIG air pressure gauge on tank
- Available voltages
 - Single phase—115/208-230
 - Three phase—208/230/460/575

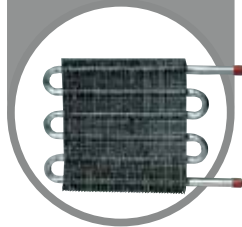
Available Options

- Multiple tank sizes and variations
- Electric or engine driven
- NEMA 4 full-voltage starter upgrade
- ODP HE/TEFC/TEFC HE motor upgrades
- Control panel upgrades
- Aftercooler
 - Air-cooled with or without moisture separator
 - Water-cooled with or without moisture separator
- Low oil-level monitor (NEMA 1 or 4)
- Dual control
- Vibration isolators
- Synthetic lubricant
- High temperature switch (NEMA 1 or 4)
- Available switches (NEMA 1 or 4)
 - Test/Off/Auto
 - Hand/Off/Auto
 - Off/On
- Automatic tank drain
 - Pneumatic
 - Electric



Magnetic Starter (included as standard on most models)

For thermal overload protection, a starter is required for units 1.5 HP and up. May be mounted or unmounted.



Air-Cooled Or Water-Cooled Aftercooler

The factory mounted, heavy duty, air-cooled aftercooler effectively reduces up to 65% of the moisture from discharged compressed air.



Automatic Tank Drain

Pneumatic drain operates from a centrifugal unloader.



Vibration Isolators

Isolates the compressor unit from the foundation or floor. Reduces noise and protects the unit from any out-of-level floor situation that could cause vibration and damage.

Complete Your Package with Quality Accessories

Many options are available to help you develop a Gardner Denver compressor package that exactly matches your specific operating requirements.

Other Options

- Dual control will allow the compressor to run either in start/stop or constant speed mode
- NEMA 4 rated parts available
- Alternate voltages and TEFC, ODPHE, TEFCHE electric motors (High efficiency available on 3 phase only)

Low Oil-Level Monitor

Low oil-level monitor shuts down the unit when oil levels are below an adequate level. Prevents the unit from restarting if oil levels are not at an adequate level.



Refrigerated Air Dryer

Cools compressed air to a 33-39° dew point, eliminating additional downstream condensation in the air line. Normally, a dryer should be used in conjunction with an aftercooler. Refrigerated and desiccant dryer types are available.



Gardner Denver Compressor Lubricants

AEON lubricants are blended specifically for Gardner Denver compressors for use in harsh compressor environments. They are sourced from extremely stable base stocks and enhanced with carefully selected additive packages to provide long life and superior protection. AEON lubricants are suitable for a variety of applications and are available as a mineral oil, synthetic or food-grade synthetic.



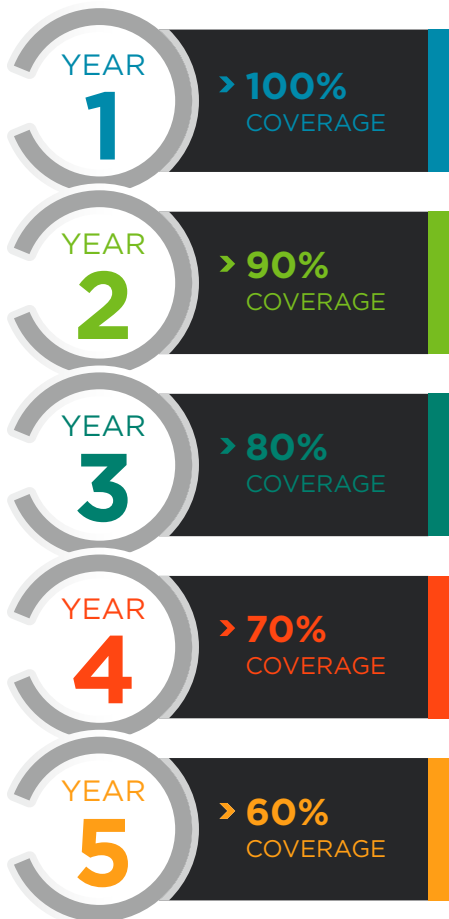
XMx Flow Controller

The XMx flow controller is a balanced flow controller that provides an economical and reliable single point of control when it comes to controlling the air pressure delivered to your operation. The XMx flow controller is designed to recognize and react to an increase in flow demand.



Convenience & Peace of Mind

The five-year standard warranty covers parts and labor and is prorated over the five years.



The Gardner Denver philosophy ensures long-lasting, reliable equipment. Our Warranty program demonstrates our confidence in our products:

Each new Gardner Denver assembled unit has a five-year warranty on the compressor pump against defects in materials or workmanship under normal use and service, from the date of installation or sixty-six months from the date of shipment by Gardner Denver or a Gardner Denver Distributor, whichever may occur first.

Head valves are warranted for one year only. Gardner Denver excludes warranty on components and/or accessories furnished to Gardner Denver by third parties; such as electric motors, gasoline engines and controls. These are warranted only to the extent of the original manufacturer's warranty to Gardner Denver. Includes a five-year warranty on the air receiver and pump.



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