

# QRS 20-30

Belt Drive Rotary Screw Air Compressors



People  
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Performance



Chicago  
Pneumatic

# QRS Belt Drive Rotary Screw Air Compressors

## QRS 20 to 30 HP

The QRS 20-30 is a rugged, rotary screw compressor that combines proven design with superior performance. Ideal for automotive and industrial applications, the QRS is engineered and built to support the most demanding requirements. Every QRS 20-30 can be supplied either base mounted or tank mounted on a 132 gallon receiver tank, and with or without an integrated air dryer. This option can save vital floor space and provide a continuous supply of quality compressed air. Installation into every application is quick and easy - simply supply power to the electrical panel, connect your discharge piping and you'll have instant access to high quality compressed air.

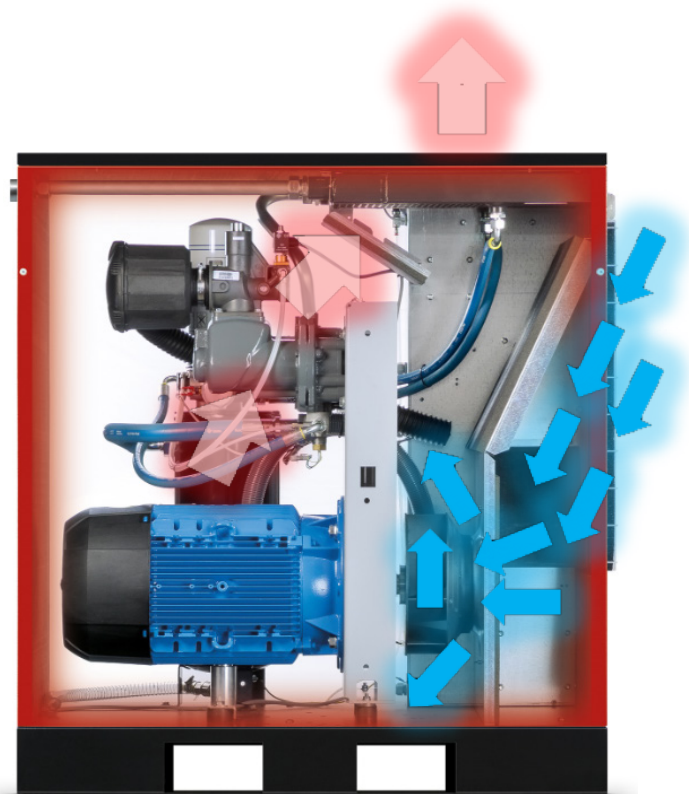
Model	QRS-20	QRS-25	QRS-30
Horsepower	20	25	30
acfm @ 100 psig	93.2	109.8	128.2
acfm @ 125 psig	82.2	99.4	113.8
acfm @ 150 psig	78.4	91.7	103
acfm @ 175 psig	69.3	84.5	97.5
Sound Level (dBA)	67	69	70
Base Mount L x W x H (in)	45 x 31 x 49	45 x 31 x 49	45 x 31 x 49
Weight (lb)	690	723	758
Base Mount w/Dryer L x W x H (in)	55 x 31 x 49	55 x 31 x 49	55 x 31 x 49
Weight (lb)	798	831	866
Tank Mount L x W x H (in)	75 x 31 x 72	75 x 31 x 72	75 x 31 x 72
Weight (lb)	904	937	972
Tank Mount w/Dryer L x W x H (in)	75 x 31 x 72	75 x 31 x 72	75 x 31 x 72
Weight (lb)	1,012	1,045	1,080

### Standard Features:

- Low sound enclosure
- 100, 125, 150 and 175 psig
- Wye-Delta, reduced voltage start
- ES4000 Basic Controller
- Continuous operating capability
- 3-phase, 208-230/460V and 575V, TEFC Motor
- Space saving design, <16 sq. ft.
- Load/no-load with intelligent shutdown
- Spin-on oil filter and separator
- NEMA 1 electrical protection
- Vibration isolated assembly
- UL and cUL approved control panel
- Permanently aligned belt drive system
- 5 year warranty with authorized start-up

### Efficient Cooling - Pressurized Canopy Design

- Designed to run in ambient temperatures up to 115°F
- Radial fan is coupled directly to the main motor giving no margin for failure
- Easy access for cooler cleaning
- Compressor inlet receives cool air directly from the radial fan for better efficiency

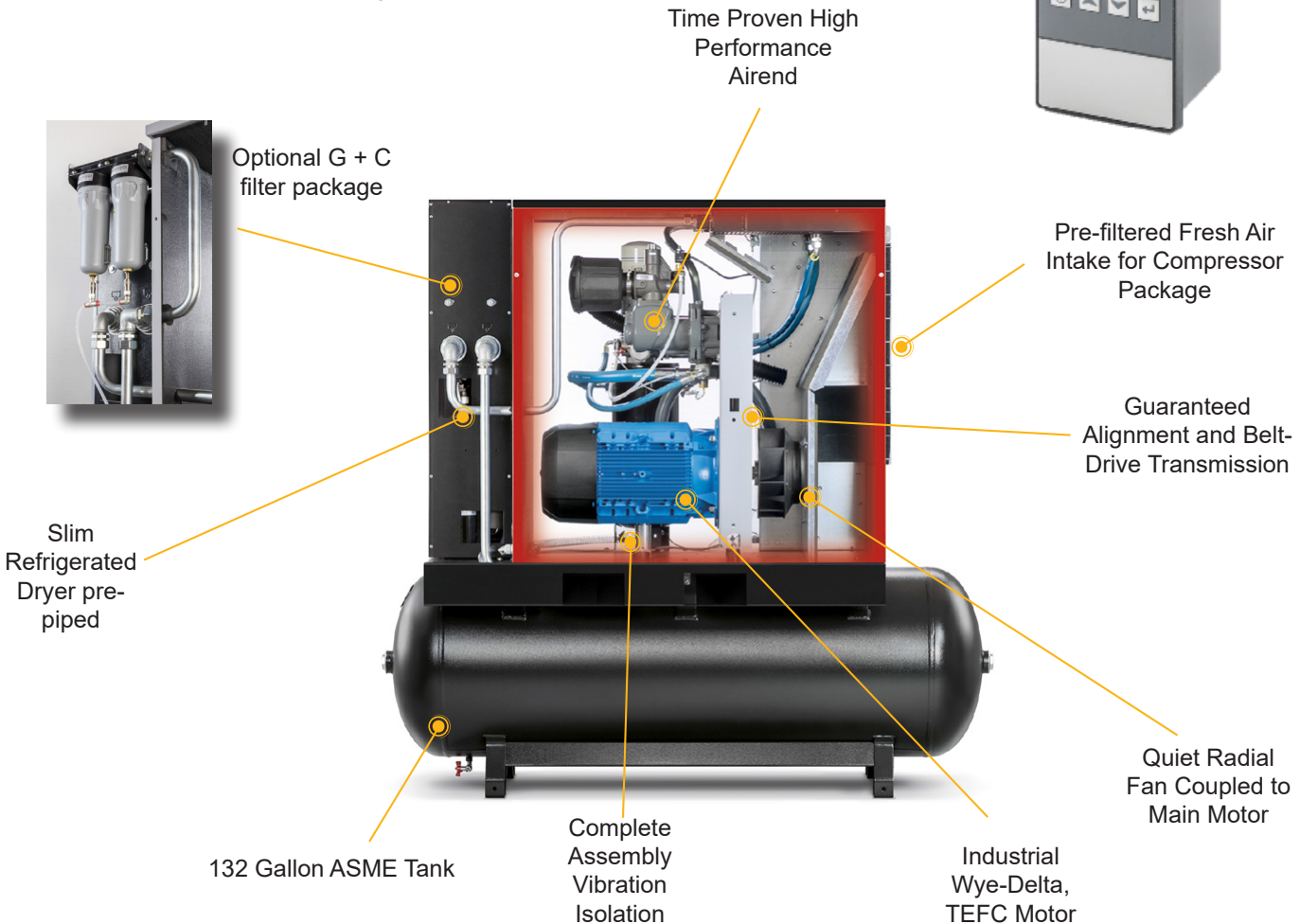


## The ES4000 Basic Controller

The QRS 20-30 is managed by the ES4000 basic controller, an electronic control unit programmed for energy saving operation with intelligent shutdown. The ES4000 controller makes operation very simple with warning and service alarms.

### Features:

- Icon based display with pressure and temperature settings/readings
- Running and working hours
- Service warnings
- Element outlet temperature reading
- Automatic restart after voltage failure



## The CP Compressor Guarantee

Chicago Pneumatic (CP) is dedicated to providing high quality, reliable equipment that has stood the test of time as one of the most rugged compressors in the market. Our compressors are 100% factory tested, and we stand behind our products with one of the most competitive warranties in the industry!

- |                              |  |
|------------------------------|--|
| • All rotary screw           | 1 Year with option to extend to 5 Years* |
| • Two-stage reciprocating**  | 2 Years                                  |
| • Single-stage reciprocating | 1 Year                                   |

\*Screw compressors are supported by our CP Secure 1-Year Warranty with the option to extend to a full 5-year warranty (authorized start-up required and regular maintenance with factory authorized fluids and parts).

\*\*Excluding Two-stage Gasoline Drive Contractor Series which are covered for 1 year.

CP compressors are supported by a network of trained service technicians who can provide complete warranty support, spare parts and technical consultation. For more information on our products, please contact your CP territory sales manager or a local authorized CP distributor.



## Over 100 years of experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic products are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit [www.cp.com](http://www.cp.com).

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## Care. Trust. Efficiency.

**Care.** Care is what service is all about: professional service by knowledgeable people, using high-quality Original parts.

**Trust.** Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

**Efficiency.** Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, CP Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI's Performance Verification Program. With CP Compressors, our customers know they are receiving the excellent performance that we publish.



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