



**Chicago  
Pneumatic**



**QRS Series**

**People. Passion. Performance.**

# Belt Drive Rotary Screw Air Compressors

## QRS 3 to 15 HP and QRS 3 to 15 HPD

### The Quiet Rotary Screw (QRS) Compressed Air System

Engineered for high performance, efficiency and reliability, the Chicago Pneumatic line of QRS (Quiet Rotary Screw) air compressors can meet the compressed air demands of a tire shop, maintenance shop, vehicle body, paint shop or automotive dealership. Quiet by design, the QRS can be installed almost anywhere, and with an optional integrated dryer. The QRS is the leading rotary screw compressor for light industrial applications.



Model	QRS-3.0 HP	QRS-5.0 HP	QRS-7.5 HP	QRS-10 HP	QRS-15 HP
HP	3	5	7.5	10	15
acfm @ 125 psig	N/A	N/A	N/A	37	52
acfm @ 150 psig	8.5	16.6	21.2	33	47
Max Pressure (psig)	150	150	150	128/150	128/150
Receiver Tank (gal.)	60	60	60	120	120
Sound Level (dBa)	61	62	64	66	68
L x W x H (in.)	56 x 24 x 50	56 x 24 x 50	56 x 24 x 50	76 x 24 x 58	76 x 24 x 58
Net Wt. (lbs.)	HP (w/o dryer) 342/364	357/373	362/385	646/716	673/743
Shipping Wt. (lbs.)	HPD (w/ dryer) 412/434	426/448	437/459	719/789	750/820

#### Standard Features:

- Low sound enclosure
- 150 psig standard (125 psig available 10-15 HP)
- Continuous operating capability
- 60 gal. ASME/CRN receiver tank (3-7.5 HP)
- 120 gal. ASME/CRN receiver tank (10-15 HP)
- Single phase 230 TEFC motor (3-7.5 HP)
- 3-phase, 208/230/460 and 575, TEFC Motor
- Start/stop operation – QRS 3.0 - 7.5 HP 3-phase
- Load/no-load operation with timed shutdown – QRS 3.0 - 7.5 HP single phase, QRS 10-15 HP 3-phase
- UL and cUL approved control panel
- 5 year warranty with authorized start-up



### 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           | <b>5 YEARS*</b> |
| • Two-stage reciprocating    | 2 Years         |
| • Single-stage reciprocating | 1 Year          |
- \*Authorized start-up required.*

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.

## 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. The QRS 20 - 30 HP can be ordered base mounted or mounted on a 120 gallon air receiver.

Model	QRS-20 HP	QRS-25 HP	QRS-30 HP
HP	20	25	30
acfm @ 100 psig	85	105	124
acfm @ 125 psig	80	100	117
acfm @ 150 psig	71	90	104
acfm @ 175 psig	59	78	91
Sound Level (dBA)	69	72	74
Base Mount L x W x H (in.)	47 x 32 x 48	47 x 32 x 48	47 x 32 x 48
Tank Mount L x W x H (in.)	71 x 32 x 73	71 x 32 x 73	71 x 32 x 73

Dimensions are for standard base mount package without a dryer.



### Standard Features:

- Low sound enclosure
- 100, 125, 150 and 175 psig
- Wye-Delta, reduced voltage start
- ES3000 microprocessor controller
- Continuous operating capability
- 3-phase, 208/230/460 and 575, TEFC Motor
- Space saving design, <12 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
- 5 year warranty with authorized start-up

## QRS 20 to 30 HPD

Every QRS 20-30 HPD can be supplied base mounted or with a factory-mounted 120 gallon receiver tank and refrigerated air dryer to save vital floor space and provide continuous compressed air consumption. 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.

- Compressed air enters the QRS where it is triple-filtered before it enters the dryer.
- The QRS is completely piped, wired and installed adjacent to a CPX non-cycling, refrigerated dryer.
- The dryer is powered by separate 115V / 1~ power and comes with electro-pneumatic controls for simple operation and trouble shooting.
- Condensate is extracted from the compressed air by the dryer and is removed by a zero loss electronic drain. The compressed air then passes from the dryer to the receiver tank.
- Air stored in the receiver tank is clean and dry so internal rust is minimized and downstream applications are not polluted. The 120 gallon receiver tank is ASME/CRN approved and supplied complete with manual tank drain and safety relief valve.



Model	QRS-20 HPD	QRS-25 HPD	QRS-30 HPD
HP	20	25	30
Sound Level (dBA)	70	73	75
Base Mount L x W x H (in.)	65 x 32 x 48	65 x 32 x 48	65 x 32 x 48
Tank Mount L x W x H (in.)	71 x 32 x 73	71 x 32 x 73	71 x 32 x 73



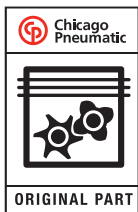


## Over 100 years of experience

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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## Original parts. Your quality assurance.

The "original part" identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors' lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of "original part" certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for the quality assurance seal.

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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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