QRS 20-30
Belt Drive Rotary Screw Air Compressors
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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.

### 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Horsepower</th>
<th>acfm @ 100 psig</th>
<th>acfm @ 125 psig</th>
<th>acfm @ 150 psig</th>
<th>acfm @ 175 psig</th>
<th>Sound Level (dBA)</th>
<th>Base Mount L x W x H (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QRS-20</td>
<td>20</td>
<td>93.2</td>
<td>82.2</td>
<td>78.4</td>
<td>69.3</td>
<td>67</td>
<td>45 x 31 x 49</td>
<td>690</td>
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<td>109.8</td>
<td>99.4</td>
<td>91.7</td>
<td>84.5</td>
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<tr>
<td>QRS-30</td>
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<td>128.2</td>
<td>113.8</td>
<td>103</td>
<td>97.5</td>
<td>70</td>
<td>45 x 31 x 49</td>
<td>758</td>
</tr>
</tbody>
</table>

### 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

![Compressor Image]
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.

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

Time Proven High Performance Airend

Optional G + C filter package

Pre-filtered Fresh Air Intake for Compressor Package

Guaranteed Alignment and Belt-Drive Transmission

Quiet Radial Fan Coupled to Main Motor

Industrial Wye-Delta, TEFC Motor

Complete Assembly Vibration Isolation

Slim Refrigerated Dryer pre-piped

132 Gallon ASME Tank

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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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