



**Chicago  
Pneumatic**

**QRS Series**



**BELT DRIVE  
ROTARY SCREW AIR COMPRESSORS  
20 TO 30 HP**

**High-performance products.  
Designed for you !**

# BELT DRIVE ROTARY SCREW AIR COMPRESSORS

## 20 TO 30 HP

### THE QUIET COMPRESSED AIR SYSTEM

The QRS 20-30 is a rugged, rotary screw compressor that combines stealth with superior performance. Ideal for automotive and industrial applications, the QRS is engineered and built to support the most demanding requirements.

MODEL	QRS-20	QRS-25	QRS-30
HP	20	25	30
acfm @ 100 psig	85	105	124
acfm @ 125 psig	80	100	117
acfm @ 150 psig	71	90	104
Sound Level (dBA)	66	69	71
Length (in)	47	47	47
Width (in)	32	32	32
Height (in)	48	48	48

### STANDARD FEATURES

- Low Sound Enclosure
- 100 -175 psig
- Wye-Delta, Reduced Voltage Start
- ES3000 Microprocessor Controller
- Continuous Operating Capability
- Tri-Voltage, TEFC Motor
- Space Saving Design, <12 sq. ft.
- Load/No Load With Intelligent Shutdown
- Spin-On Filter and Separator
- 5 Year Warranty
- NEMA 1 Electrical Protection
- Vibration Isolated Assembly

### OPTIONS

- Mounted 120 gal. Receiver Tank
- Integrated Refrigerated Dryer

Low Sound Enclosure  
Reduces Employee Fatigue

Air Intake Filter

Service protection  
from belts and cooling  
fan provides quick  
access to the rest of the  
compressor



Fresh air intake for TEFC motor  
and discharge connection for  
smallest possible footprint

Oil Filter and Air/Oil  
Separator

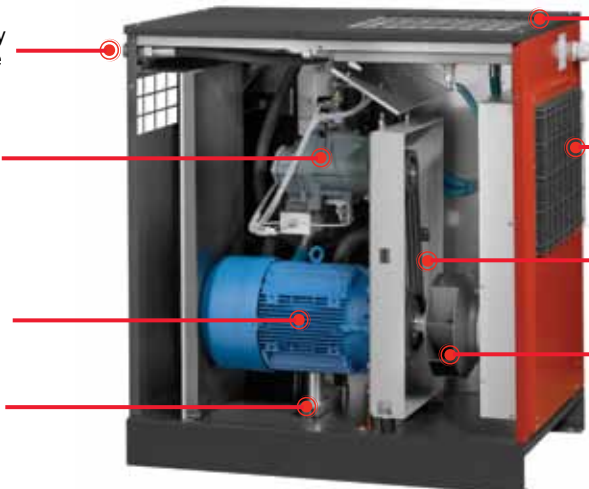
Separator with Oil Sight Glass  
Visible Through Panel

Side Discharge for Easy  
Installation and Service

Time Proven High  
Performance Airend

Industrial Wye-Delta,  
TEFC Motor

Complete Assembly  
Vibration Isolation



Top Side Discharge – Easy to  
Duct Hot Air and Better for Work  
Environment

Pre-filtered Fresh Air Intake for  
Compressor Package

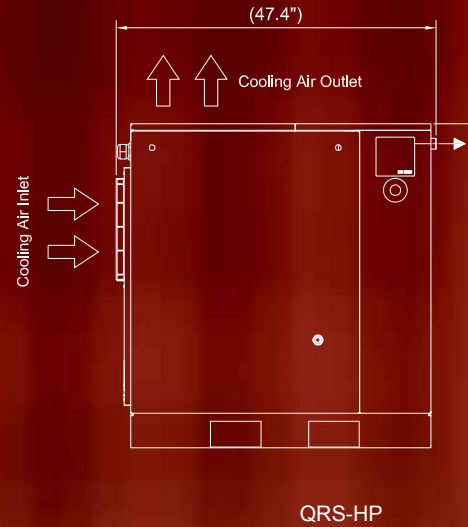
Guaranteed Alignment and Belt-  
Drive Transmission

Quiet Centrifugal Fan

# QRS 20-30 HPD

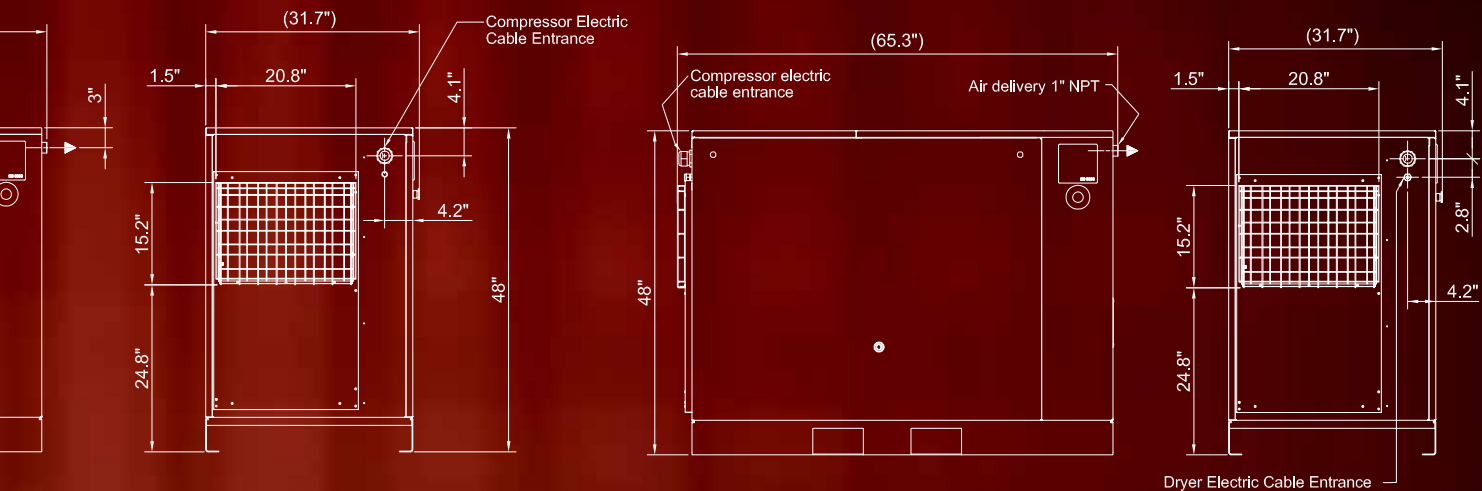
## *A Dream Machine*

Every QRS 20-30 can be supplied 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.



WEIGHT lbs		
HP	BASE MOUNT	WITH TANK AND DRYER
20	781	1301
25	825	1345
30	860	1380





QRS-HPD





## INTELLIGENT SAVINGS

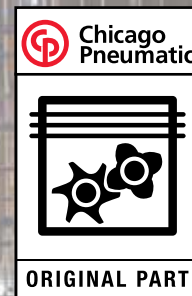
The QRS 20-30 is managed by the ES3000, an electronic control unit programmed for energy saving operation with intelligent shut-down.



The ES3000 steadily monitors the operation and maintenance cycles and notifies you - before a problem occurs!

## INTELLIGENT COOLING

The QRS 20-30 runs cool and quiet. The dedicated turbine fan provides superior cooling for the entire compressor package while the high efficiency air/oil coolers ensure the 8,000 synthetic lubricant transmits heat away from the airend. The QRS 20-30 does not require power consuming oil pumps and with proper maintenance, performance will not degrade over time.



## THE CP COMPRESSOR GUARANTEE

CP Compressors is dedicated to providing the highest quality, most reliable equipment for your compressed air application and we stand behind our promise with one of the most competitive STANDARD warranties in the industry!

- All Rotary Screw **5 YEARS**
- Two-Stage Reciprocating **2 Years**
- Single-Stage Reciprocating **1 Year**

*No contracts or service agreements. Authorized start-up required.*

CP Compressors is supported by a network of trained service centers who can provide complete warranty support, spare parts and technical consultation. For more information on our compressed air products, please contact your local authorized CP Compressor distributor or representative.



## 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 tools and air compressors 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).

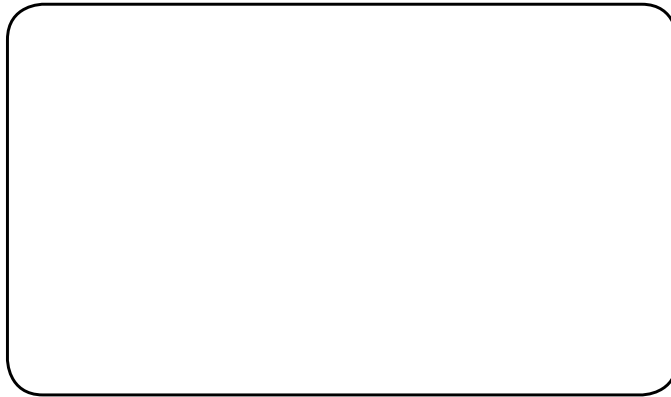
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## Original parts. Your quality assurance.

The "original part" identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified 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 your quality assurance.

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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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