

QRS 3-9

Oil-injected Screw Compressors - 2.2-7.5 kW/3-10 hp



People.
Passion.
Performance.



Chicago
Pneumatic

QRS 3-9 OIL-INJECTED SCREW COMPRESSORS

The CP QRS 3-9 is the ultimate workshop compressor: powerful, easy to use and always reliable. Thanks to its rotary screw technology, you get more air while enjoying lower energy costs. Better yet, you can use it all day long without cool-down periods. Of course you can tailor the QRS to your specifications and preferences. We have a 2.2 to 7.5 kW power range, both floor- and tank-mounted models, and a range of options to custom-build your QRS.



EASY TO USE

- Intuitive controller.
- Removable panel for easy service.



MORE AIR, LOWER ENERGY COSTS

- Get **15% more air** using **12% less energy** compared to its predecessor.
- Enjoy continuous use without cool-down periods.



AN ALL-IN-ONE SOLUTION

The QRS is a complete air system in one compact unit. Even options such as an air dryer, an air receiver or an oil heater are fully integrated to help you save on floor space and operational costs.



BUILT TO LAST

The QRS is built in Europe. Its automated screw air end manufacturing line prevents human error and ensures the QRS is as powerful and reliable in real life as it was designed.

The workshop compressor

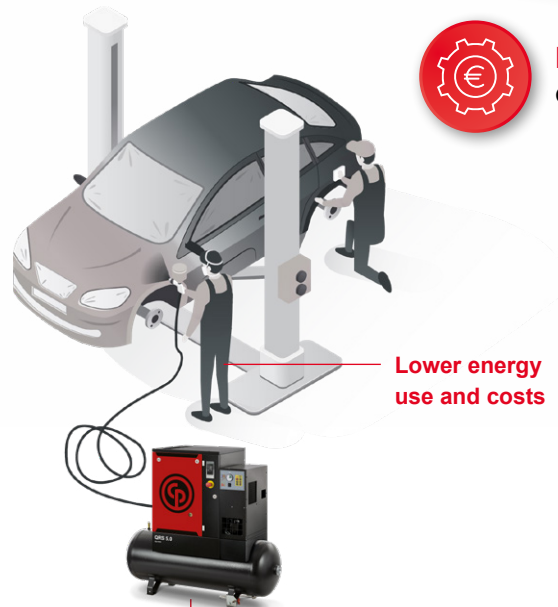


COMFORTABLY QUIET

The QRS 3-9 was built to be installed and used right where you need it: on your shop floor. That is why we made the unit extra quiet. With a sound level as low as 61 dB(A), the QRS is comparable to a household appliance.

Cost-effective to buy and own

The QRS doesn't require a separate compressor room. That reduces logistical hassles such as piping, but also lowers your operational and your investment costs. How? The QRS does not have to push its air through an elaborate network of pipes. This means less pressure drops and a higher Free Air Delivery, which generates significant energy savings. But it often also frees up the possibility of choosing a lower pressure and power variant of the QRS, and thus to lower your investment cost significantly.



lower operational costs

Lower energy use and costs

Get a lower pressure and power variant



lower investment costs



The all-in-one compressor

Advanced screw air end

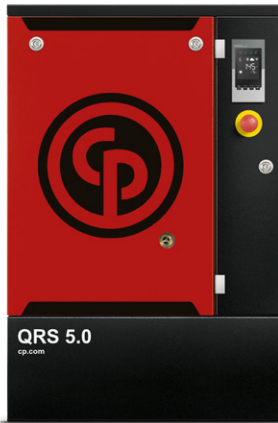
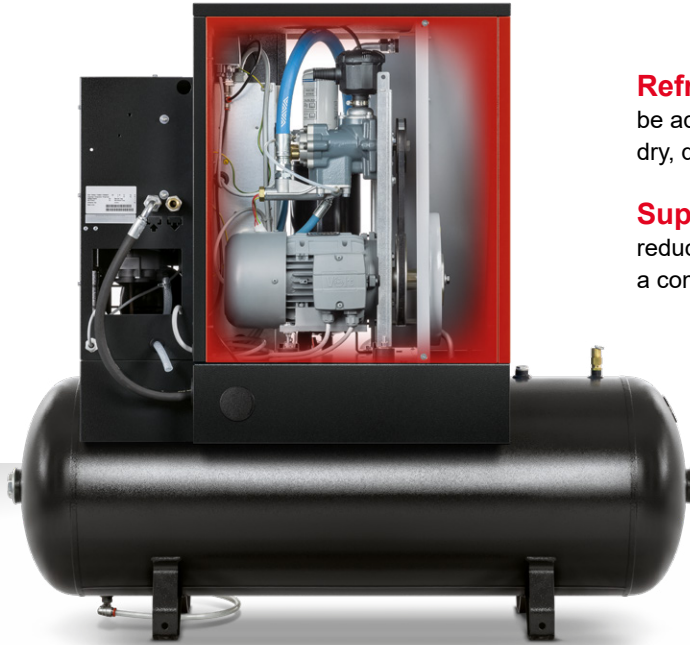
The QRS 3-9 comes with a new high-efficiency air end that delivers 15% more air and is 12% more efficient than its predecessor.

IE3 efficiency motor

allows for continuous operation while reducing energy costs.

Refrigerant dryer can be added to your QRS for dry, quality air.

Super-silent canopy reduces sound emissions to a comfortable 61-68 dB(A).



Aside from the 200, 270 and 500-liter tank-mounted models, floor-mounted units are available in all power sizes.

Easy control

The ES4000 connect controller makes your compressor easier to operate, more reliable and more cost-efficient. And thanks to its automatic software updates, your compressor will even get better over time.



- Easy-to-use display
- Connectivity for remote monitoring and control
- DSS advanced energy savings
- Real-time warnings and shutdown alarms
- Service status, history and notifications
- Leakage detection
- Easy pressure band settings via the ICONS app
- Over-the-air software updates

Enhance and customize your QRS

Thanks to its wide range of options and flexible build, the QRS 3-9 can accommodate all your requirements.



Line filter

Can be added for high-quality air.



No-loss timer drain

Removes tank condensate.



500-liter tank

Gives you extra air storage and reduces the risk of condensation.



Oil heater

Prevents intermittent-use condensation by maintaining a constant oil temperature while unloading/idle.



Tropical thermostat

Maintains a higher oil temperature to reduce the risk of condensation.

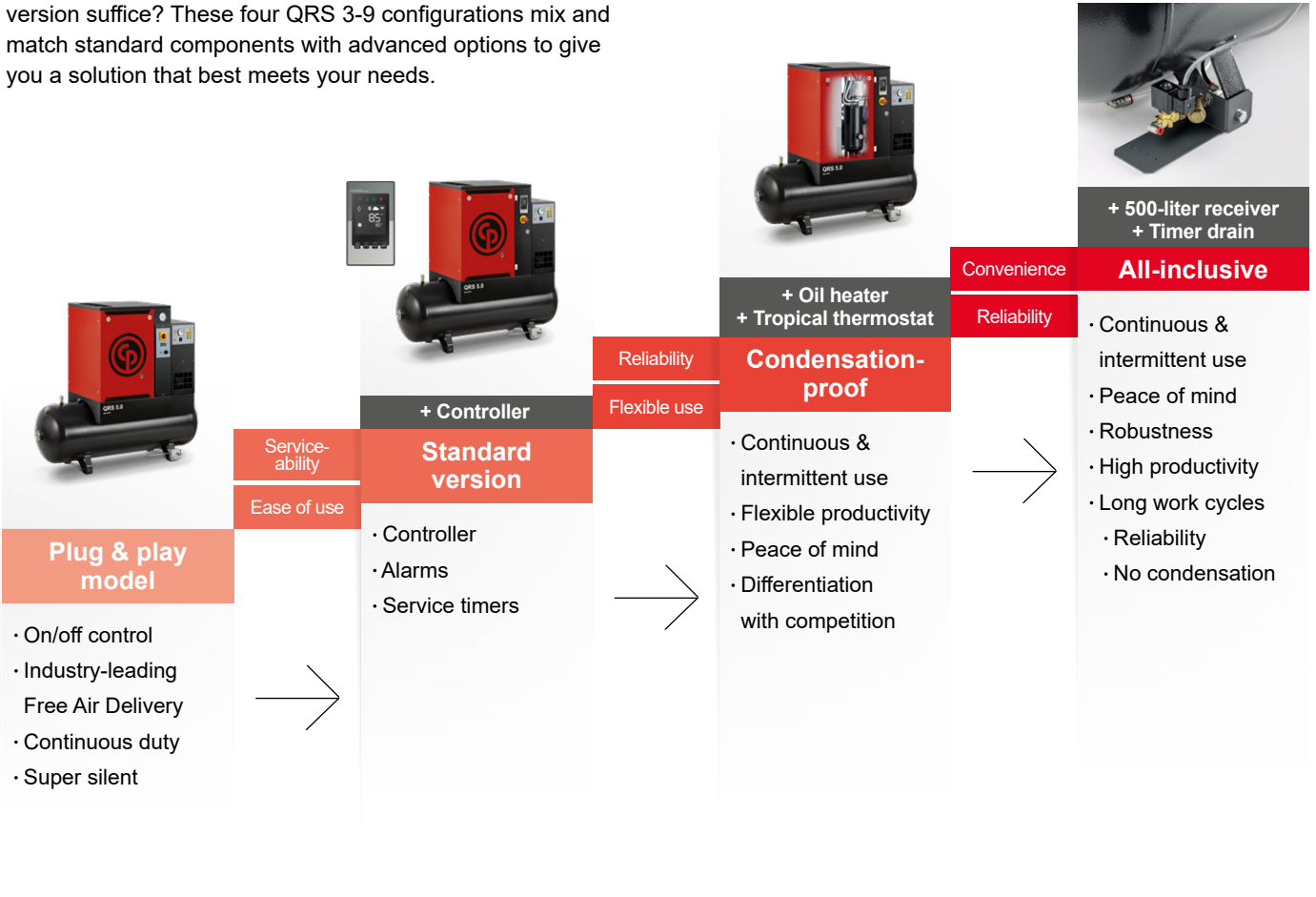


Unique condensate prevention

If you don't use your compressor continuously, investing in condensate prevention is a smart choice. The QRS eliminates the risk of condensation with a host of features, including an oil heater, a tropical thermostat, and a 500-liter tank.

A QRS that works for you

Do you need advanced reliability features or will a basic version suffice? These four QRS 3-9 configurations mix and match standard components with advanced options to give you a solution that best meets your needs.



The convincing benefits of screw technology

Are you considering a piston compressor? The rotary screw technology of the QRS 3-9 offers much stronger benefits. A quick comparison of performance, noise, and air quality shows the QRS to be the better workshop solution.



Stronger performance

The QRS generates more air and does so more efficiently thanks to its superior compression technology.



Longer working hours

While pistons need cool-down periods, the QRS can be used all day long.



Lower sound levels

The QRS 3-9 emits just 61 to 68 dB(A). Pistons are typically 20 dB(A) louder.



Cleaner air

With an oil carry-over of less than 5 ppm, the QRS generates much cleaner air than a typical piston compressor (more than 30 ppm) to protect your pneumatic tools.

Technical specifications

MODEL	MAX. WORKING PRESSURE	REFERENCE WORKING PRESSURE	FREE AIR DELIVERY @ REFERENCE CONDITIONS*			MOTOR POWER		NOISE LEVEL **	WEIGHT				
									BASE-MOUNTED	TANK-MOUNTED 200L.	TANK-MOUNTED 200L. + DRYER	TANK-MOUNTED 270L.	TANK-MOUNTED 270L. + DRYER
psi	psi	m³/h	l/min	cfm	kW	hp	db(A)						
QRS 3	116	109	22.2	370	13.1	2.2	3	61	276	397	452	430	485
	145	138	16.7	278	9.8								
QRS 5,5	116	109	34.1	568	20.1	4	5.5	62	298	419	474	452	507
	145	138	30.7	512	18.1								
QRS 7,5	116	109	49.7	829	29.3	5.5	7.5	66	320	441	496	474	529
	145	138	44.3	739	26.1								
QRS 10	116	109	61.3	1022	36.1	7.5	10	68	342	463	529	496	562
	145	138	57.9	965	34.1								

* Unit performance measured according to ISO1217, Annex C, latest edition

** Noise level measured according to ISO2151 2004.

Dimensions

MODEL	LENGTH (inch)	WIDTH* (inch)	HEIGHT (inch)
Base-mounted	24.4	24.8	37.4
Tank-mounted 200 L.	56.3	26.2	49.6
Tank-mounted 200 L. with dryer			
Tank-mounted 270 L.	60.6	26.2	53.1
Tank-mounted 270 L. with dryer			
Tank-mounted 500 L.	76.8	26.2	59.1
Tank-mounted 500 L. with dryer			

* Consider an extra width of +2.55 Inch. for the below variants:

- 230V/1/60Hz voltages
- 7.5HP models
- 10HP models



