

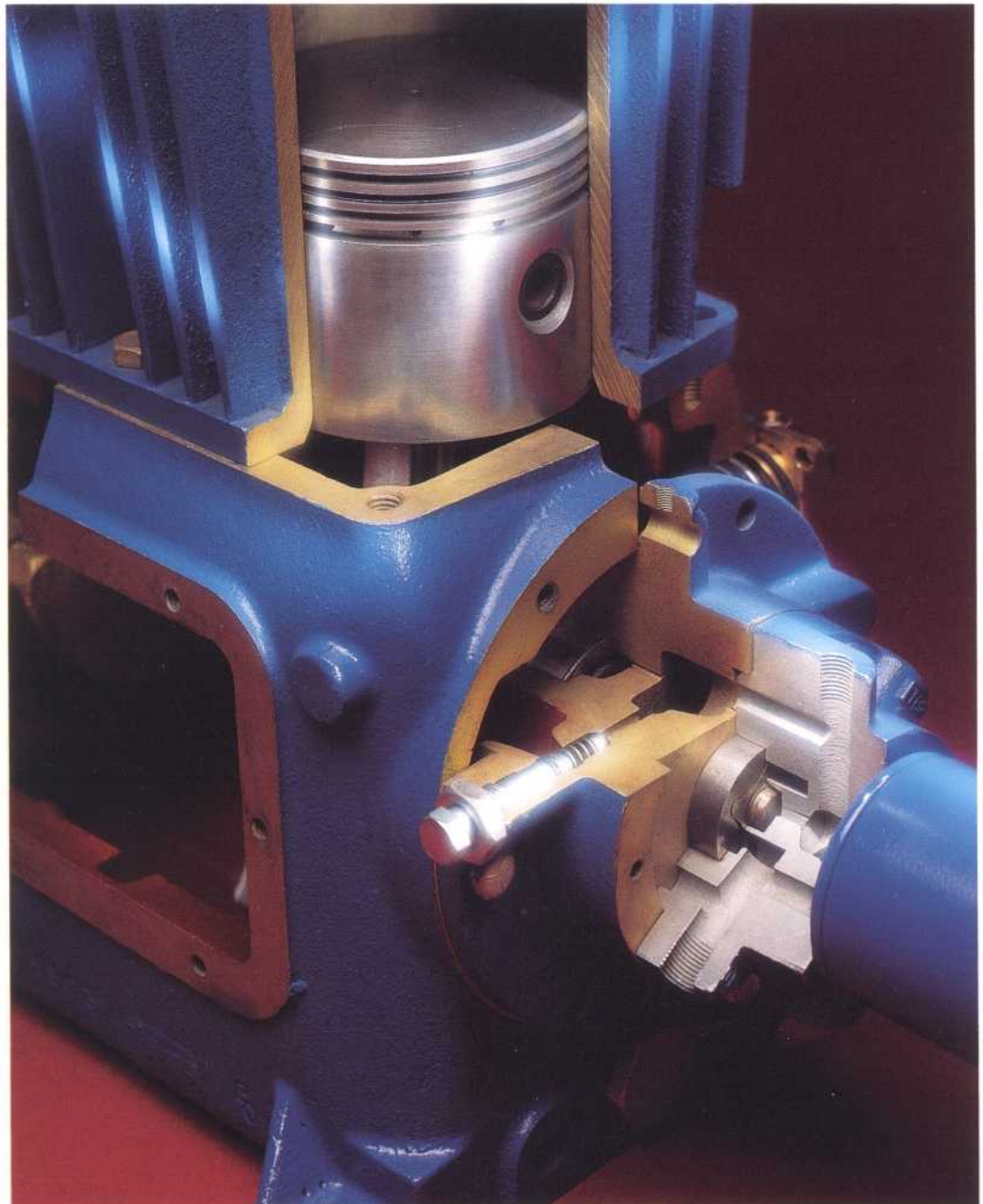
QR Series

RECIPROCATING AIR COMPRESSOR

Pressure Lubricated

3 – 15 HP

*The QR Series is the
world's finest two-stage,
air-cooled reciprocating
compressor.*



Undeniably the world's finest air compressor

Inside the QR

QR Series compressors are ideal for industrial applications,

producing operating pressures as high as 500 PSIG. They are

available in complete assemblies to meet your specific needs.

All components are manufactured in the USA. The compressors

are assembled in Centralia, Washington.



As shown in this vertical tank-mounted machine, the QR compressor can be assembled in any configuration to meet your specific needs.

What features make the QR compressor the best?

PRESSURE LUBRICATION

Oil pump

A positive displacement oil pump forces lubricating oil through a 5-micon filter to a rifle-drilled crankshaft and connecting rods. All moving parts are lubricated, cleansed and cooled by this oil flow.

Loadless start

At start-up, the QR will not start compressing air until the necessary oil pressure is established.

Lubrication safety

Loss of lubrication during operation is the most common cause of destructive failure in oil-lubricated compressors. The QR, using Quincy's patented Safe-Q-Lube system, automatically unloads the compressor if oil pressure drops below set limits. The compressor remains unloaded until oil pressure is re-established.

Lubrication protection

The QR is equipped with a full-flow, spin-on, 5-micon filter which removes contaminants from oil before oil starts recirculating.

Steel disc valve
and efficiency. E
individual pocket
cast iron bumper

Air filter

High pressure piston is cast iron
strength and long life

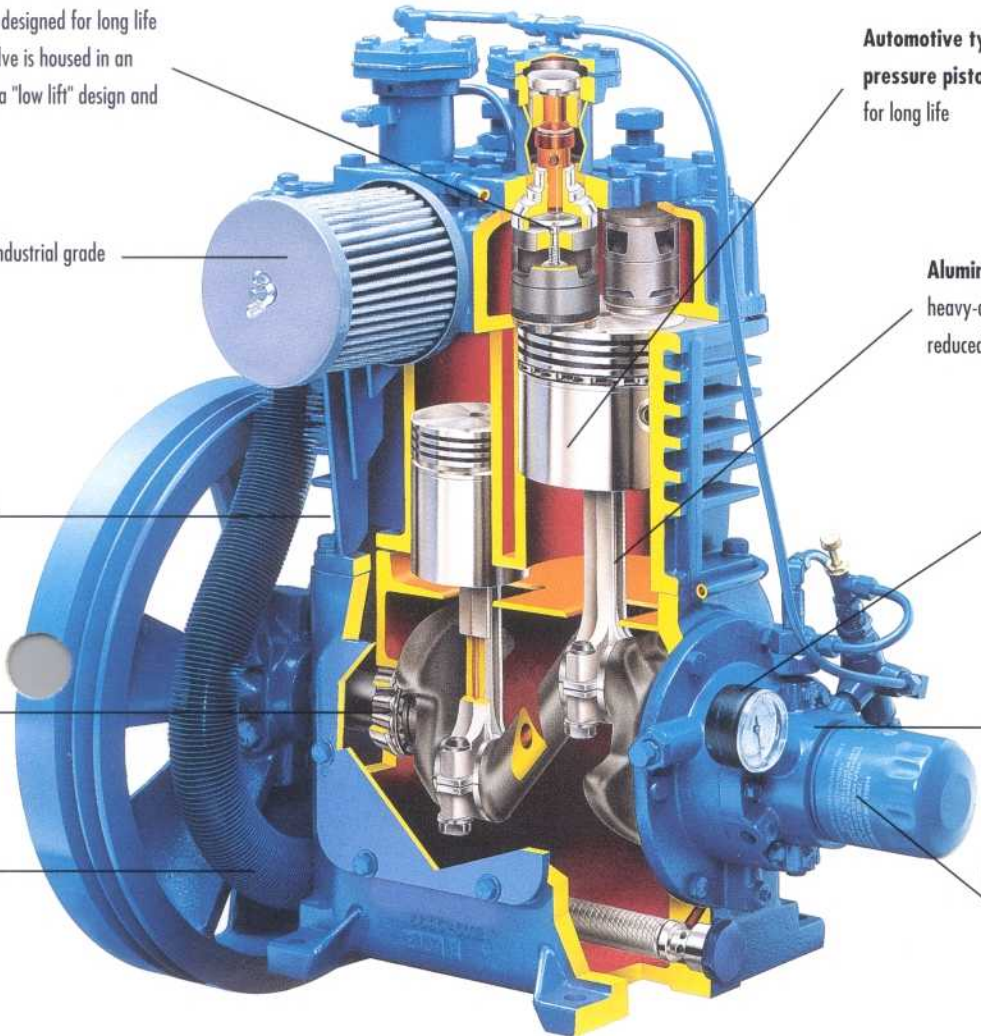
Tapered roller bearings are mounted on
both ends of the crankshaft to handle both
radial and thrust loads

Intercooler has circular fins that dissipate the
heat more readily

s are designed for long life
ch valve is housed in an
using a "low lift" design and

er is industrial grade

for



Automotive type cast aluminum low pressure piston is balanced and light weight for long life

Aluminum connecting rods are strong for heavy-duty applications, yet light weight for reduced vibration and increased efficiency

Hydraulic unloader protects the compressor when oil pressure drops below normal

Oil Pump effectively and continuously circulates ample supply of oil to critical areas

Oil filter on the bearing carrier cleans the lubricant before it is pumped into the compressor, improving life and reliability

MECHANICAL STRENGTH

Cast iron construction

The QR's cast iron construction of all stationary parts provides sufficient weight and strength to ensure smooth operation.

oversize bearings

The QR has oversized, tapered roller bearings to provide reliable operation and extraordinary life.

Disc valves

Heavy-duty, self-lapping disc valves combine high efficiency and low maintenance.

Balanced crankshaft

The counterweighted crankshaft is dynamically balanced for low vibration operation.

5 YEAR WARRANTY

Service commitment

Since 1949, we have maintained a commitment to provide immediate, quality service. What does this mean to you?

You can count on a reliable compressed air supply.



ROGERS MACHINERY COMPANY, INC.

Full service locations

24 hours a day / 7 days a week

- New and used equipment sales
- Repair and service
- Parts
- Rentals

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Factory trained technicians

Our technicians are trained at the plant year around. While specializing in servicing Quincy Northwest, our technicians are trained to work on all system components, from air compressors and vacuum pumps, to blowers and dryers.

Available anytime

We have a fleet of over 40 fully-equipped service trucks staffed by experienced technicians. We can work on site and keep your downtime to a minimum. We are on call 24 hours a day, 7 days a week to handle sales, repair/service, parts, and rentals.

We also supply:

- Start-up assistance
- Factory-monitored maintenance program
- Service reminder program
- Energy usage audits and energy saving equipment options