

# Champion R-Series Duplex 20HP Compressor • 240-gal Horizontal Tank

SKU: HR20D-24

Price: \$50,787.00



## Description

The Champion R-Series of reciprocating compressors have a time-tested, proven design. Loaded with rugged features, the R-Series splash-lubricated compressors deliver high performance, long life, and a tremendous value. A wide selection of configurations and premium quality available options make the R-Series compressors the solution to your application.

### Why Buy a Champion R-Series Compressor from Nuvair.com?

You have options when it comes to buying a Champion R-Series compressor. So why choose Nuvair.com?

Because we're not just another online retailer—we're a full-service compressor company with decades of hands-on experience. Unlike drop shippers who simply process orders from behind a screen, we service what we supply and support every customer like a partner.

When you buy from Nuvair.com, you're investing in more than just equipment. You're gaining access to a team of compressor experts committed to helping you keep your system running smoothly. Whether it's maintenance, repairs, or product support, our in-house technicians are just a call, click, or email away.

Experience the Nuvair difference—reliable products, expert service, and real customer care. [Contact us today](#) to learn more and for special pricing options.

**ORDER ONLINE — FREE SHIPPING!**

**R-Series Base Version Includes:**

1. **R-Series R70 Pump (Duplex x2)**
2. **ODP NEMA 1760 RPM electric motor**
3. **Controls Panel Level 2**
  - Provides thermal overload protection; transformer provides reliable low voltage output to the auxiliary components. May be mounted or unmounted.
  - Simplex units are start/stop pressure switch control.
  - Duplex units are start/stop control with alternation
  - Hour Meter
  - Test-Off-Auto Switch
4. **ASME coded receiver**
5. **Intake Filter / Silencer (Duplex x2)**
6. **Enclosed Belt Guard (Duplex x2)**
7. **Loadless Starting**
8. **California Code Compliant Receiver**
9. **Choice of Set Pressure**
  - 125 psi
  - 175 psi
10. **Choice of Voltage**
  - 208V/3PH/ 60Hz
  - 230V/3PH/ 60Hz
  - 460V/3PH/ 60Hz
  - 575V/3PH/ 60Hz
11. **Choice of Control Mounting**
  - Mounted
  - Unmounted

## CALL FOR ORDERING ASSISTANCE

### **R-Series Optional Equipment:**

1. **Vibration Isolators**  
Isolates the compressor unit from the foundation or floor. Reduces noise and protects the unit from vibrations that could cause damage.
2. **Low Oil Stop Control**  
Low oil-stop control shuts down the unit when oil levels are below an adequate level. Prevents the unit from restarting until oil level has been restored.
3. **Electric - Auto Tank Drain**  
An adjustable electric timed drain automatically discharges moisture from receiver.
4. **Air-Cooled Aftercooler (Duplex x2)**  
The factory-mounted, heavy duty, air-cooled aftercooler effectively reduces up to 65% of the moisture from discharged compressed air.
5. **Refrigerated Air Dryer**  
Cools compressed air to a 36-39°F dew point, eliminating additional downstream condensation in the air line. Normally, a dryer should be used in conjunction with an aftercooler. Other refrigerated and desiccant dryer types are available.
6. **Vinyl (epoxy) Lined Tank**
7. **Galvanized Coated Tank**
8. **Massachusetts Code Fittings**
9. **TEFC Motor Upgrades with NEMA 4 electricals**

10. **Dual Controller**

Dual control will allow the compressor to run either in start/stop or constant speed mode.

11. **Food Grade Oil**

12. **High Temperature Switch**

13. **Air Filter Maintenance Indicator**

\* Hour Meter, Test/Off/Auto Switch, Low Oil Stop Control, Automatic Electric Tank Drain, and High Temperature Switch all have N4 rating as the standard product offering.

**Specifications**

SKU	Tank Capacity	Motor HP	Dimensions (L x W x H)	Shipping Weight	125 psi RPM	125 psi ACFM	175 psi RPM	175 psi ACFM
HR-20D-24	240 gal 908 L	20 x 2	90 x 67 x 76" 228 x 170 x 193 cm	2845 lb (1290 kg)	712	169.8	664	155.6

**Standard Warranty**

The standard warranty covers parts and labor on the package components for one year and three years on the compressor pump. The Champion philosophy ensures long-lasting, reliable equipment. Our warranty program demonstrates our confidence in our products. Each new Champion assembled unit has a 3-year warranty on the compressor pump against defects in materials of workmanship under normal use and service.

Champion 6 Year Premium Extended Warranty

**SEE BELOW TO ORDER ONLINE**

**Premium Extended Warranty**

Purchase a Premium Warranty Kit at the same time as your new Champion compressor package to receive extended warranty protection. This offer will double the coverage with an additional 3 years of warranty on the compressor pump (parts & labor) providing 6 YEARS of worry-free coverage. The Premium Extended Warranty also provides an extra 12 months coverage on the package for a total of 24 months. See [Premium Warranty form BU-28](#) for complete extended warranty details.

- Premium Warranty kit has all necessary service items (oil & filters) for 6 years of annual maintenance.
- The use of approved Champion lubricants is required to maintain the extended warranty period.
- Duplex machines require two kits, one for each pump.