

REPUBLIC OFFERS MANY CUSTOMIZED BLOWER OPTIONS FOR THE WASTE WATER INDUSTRY.

Republic's Regenerative & Positive Displacement Blower Packages offer sustainable and reliable service while providing cost and energy savings to meet your application's performance specifications.



REPUBLIC REGENERATIVE BLOWERS

Republic offers a complete line of regenerative blowers for high pressure applications in both horizontal and vertical mounted positions. Air flow capabilities range from 50 to 776 CFM, pressure capabilities from 47 to 418 inches of water. TEFC electric motors are UL and CE certified and come in single and three-phase, dual frequency, and multi-voltage versions for worldwide applications. Horsepower ranges from 1/2 To 50 hp (from 0.4 To 37 kw).

Republic Regenerative Blower configurations are available in either single (one impeller) or double (two impeller) stage. The impeller is directly connected to the motor shaft, providing powerful force without undue friction. The bearings are outside the compression chamber, ensuring maximum operational reliability under high differential pressure. This low-maintenance, oil-free design provides continuous, dependable service to our customers.

Note: explosion-proof and chemically-treated blowers are also available.

ADVANTAGES

- High Pressure
- Low dB Rating
- Efficient
- Wide Range of HP Options
- Enclosures Available

REPUBLIC POSITIVE DISPLACEMENT BLOWER PACKAGES

Republic is a proud representative of the Howden Roots line of blowers. We can customize a Positive Displacement (PD) Blower Package utilizing Howden Roots blowers to meet your needs.

Not only can Republic build your Positive Displacement Blower Package, but we also offer enclosures and silencers for noise reduction. Noise is often the biggest complaint with PD Blowers, but a Republic Noise Enclosure can reduce the dB rating by up to 15%! We stock a large supply of Howden Roots replacement blowers for immediate shipping.

OPTIONAL ACCESSORIES

- Starter panel
- VFD
- Specialty motors

PACKAGE OPTIONS



PREMIUM

- Noise & environment enclosure
- Discharge silencer
- Weighted relief valve
- Vibration isolators
- Isolating feet
- Removable panels
- Forklift pockets

Components: blower, motor, v-belt drive assembly with guard, piping, valves, gauge, relief valve, check valve, and inlet filter.



STANDARD

- Discharge silencer
- Weighted relief valve

Components: blower, motor, v-belt drive assembly with guard, piping, valves, gauge, relief valve, check valve, and inlet filter.



ECONOMY

- Hat section stand

Components: blower, motor, v-belt drive assembly with guard, piping, valves, gauge, relief valve, check valve, and inlet filter.