



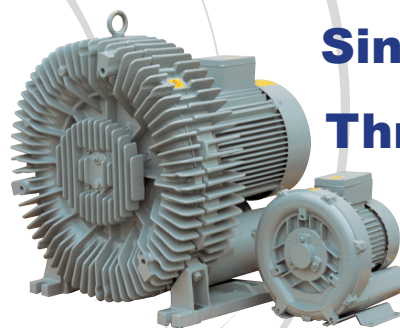
Introducing

REPUBLIC
Blower Systems™

Republic Regenerative Blowers

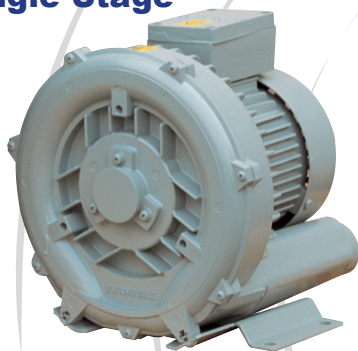
Republic Regenerative Blowers are available in either single (one impeller) or double (two impeller) stage configurations. The impeller is directly connected to the motor shaft, providing powerful force without undue friction. The bearings are outside the compression chamber, ensuring maximum operational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

- ▲ Belt-driven bare shaft blowers are available
- ▲ Explosion-proof motors are available (Class 2/Group B/Division I Certified)

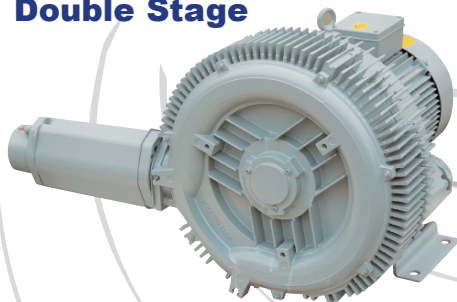


Single Phase
&
Three Phase

Single Stage



Double Stage



Typical Applications

Bottling/Labeling/Food Processing – Fill, cap and dry bottles and cans prior to labeling, gently handle fragile food products like eggs.

Printing – Feed paper into printing machines, move paper through the printing process, collect waste paper after trimming and hole punch processing, dry ink, sort and count cards, envelopes and paper.

Manufacturing – Move light materials via vacuum transfer, remove excess material in cutting and stamping processes, reduce friction on roller conveyors and presses, and improve combustion while aiding the removal of waste gases.

Parts Processing – Circulate water and other liquids around parts for cleaning or coating, collect dust and debris remaining on or around automatic packaging machines.

Textiles – Keep threads and yarn in place during processing, remove leftover cloth and threads after trimming, and hold product in position during knitting, sewing, and applique processing.

Chemicals – Easily transfer powders, pellets, foam, granules, light solids and other chemicals.

Water/Liquid Processing – Mix sediment, chemicals, paint and other liquids.

Hopper Processes – Form air layers to facilitate loading granules.

Ponds, Spas, Tanks – Aerate indoor or outdoor pools, oxygenate fishing and landscaped ponds.

Wastewater Treatment/Liquid Aeration – Aerate treatment ponds and tanks.

Pneumatic Conveying – Move product, parts, paper or other items using air pressure.

Medical/Dentistry – Adapts to vacuum-based medical and dental equipment.

Contact your Republic Distributor R.E. Morrison Equipment, Inc. to see how we can help with your unique application.

Centrifugal blowers also available

Design Advantages:

- ▲ Continuous, low-maintenance operation
- ▲ Low noise (60 - 90 dB)
- ▲ Saves space and electricity
- ▲ Trouble-free installation (mounts in any axial direction)
- ▲ Easy replacement of parts

Functional Performance:

Air Flow:

From 50 cfm up to 776 cfm

Pressure Capacity:

From 47" H₂O up to 307" H₂O

Vacuum Capacity:

From 40" H₂O up to 236.22" H₂O



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