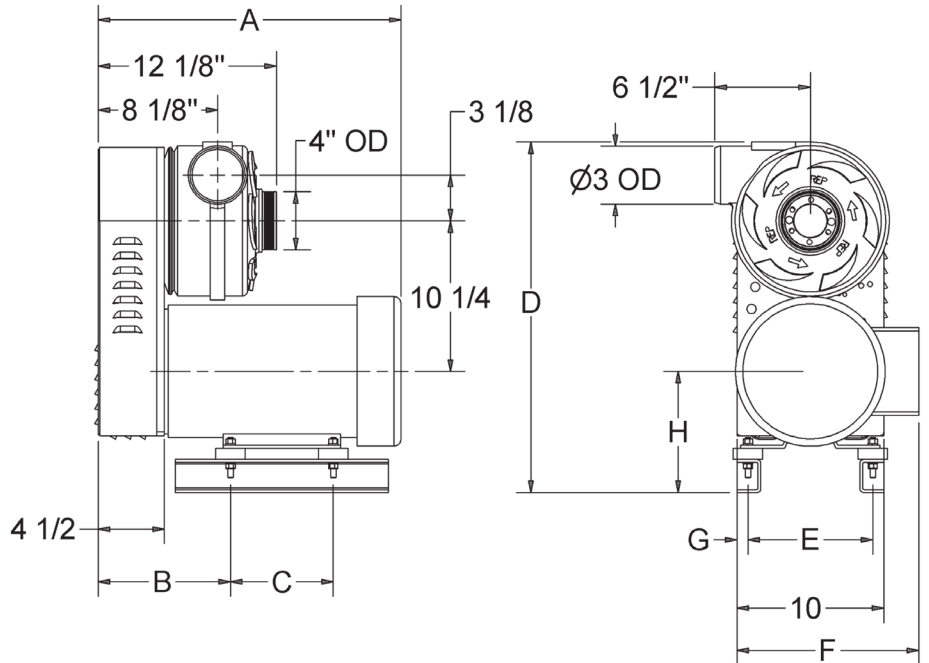




REPUBLIC
Blower Systems®



Republic Centrifugal Blower RB 800



RB 800 Specifications

- ▲ 3-15 Horsepower – Up to 20,000 RPM
- ▲ Smallest Footprint – Ideal Inside Machine Cabinets
- ▲ Ceramic Hybrid Bearings
- ▲ Multi-lip Seals on Both Ends of the Shaft
- ▲ Easy to Remove Bearing/Impeller Housing for Quick Repair
- ▲ Lightweight, small envelope design
- ▲ Automatic self-adjusting belt tensioner
- ▲ Hard Anodized (Optional)
- ▲ Blower Outlet Discharge is Rotatable 360°
- ▲ Precision Balanced Shaft/Impeller Assemblies
- ▲ Nickel Plated Steel Motor Pulley
- ▲ Stainless Steel Blower Pulley
- ▲ Alluminum Blower Housing
- ▲ 6061 T6 Aluminum Impeller
- ▲ Bearing Housing is Steel Construction for Extra Rigidity
- ▲ 16 Groove Belt for Long Life
- ▲ Inlet and Outlet Flanges Available
- ▲ Enclosures for Noise Control
- ▲ Protection Against Contaminants
- ▲ Operational with all Types of Blowers – Washdown, Explosion Proof, High Efficiency and Hydraulic
- ▲ 100% Operational Performance and Vibration Tested
- ▲ One Year Warranty
- ▲ Water-cooled Blower Available
- ▲ 3" Standard Discharge, 4" Discharge Optional

HP	A	B	C	D	E	F	G	H
3 (182T)	17.39	7 1/4	4 1/2	23 1/8	7 1/2	10 3/8	1 1/4	7 1/2
5 (184T)	18.38	7 1/4	5 1/2	23 1/8	7 1/2	10 7/8	1 1/4	7 1/2
7 1/2 (213T)	20	8	5 1/2	23 7/8	8 1/2	12 3/8	3/4	8 1/4
10 (215T)	21.5	8	7	23 7/8	9 1/2	12 3/8	3/4	8 1/4
15 (254T)	26.06	8 3/4	8 1/4	24 7/8	10	15 3/4	0	9 1/4

HP	Est. WGT. (lbs)
3 (182T)	128
5 (184T)	142
7 1/2 (213T)	163
10 (215T)	193
15 (254T)	233

Retro Kit Est. WGT. (lbs)	68
---------------------------	----

5131 Cash Road ▲ Dallas, TX 75247 ▲ P 214.631.8070 ▲ F 214.631.3673 ▲ 800.847.0380

www.republicsales.com



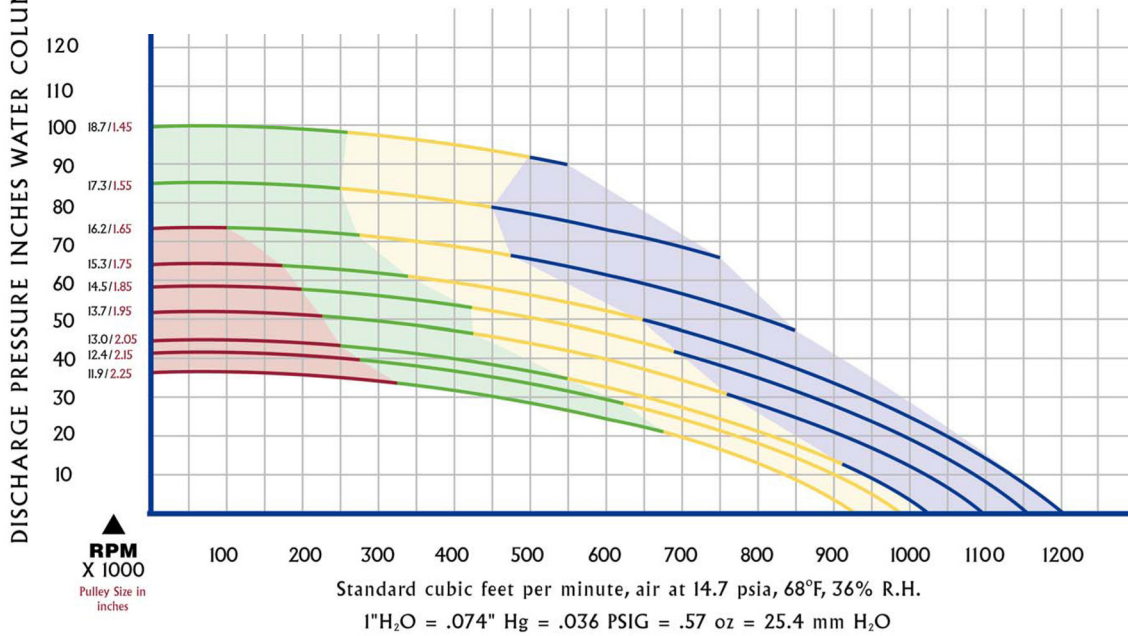
Republic Centrifugal Blower Performance Curves

REPUBLIC

Blower Systems®

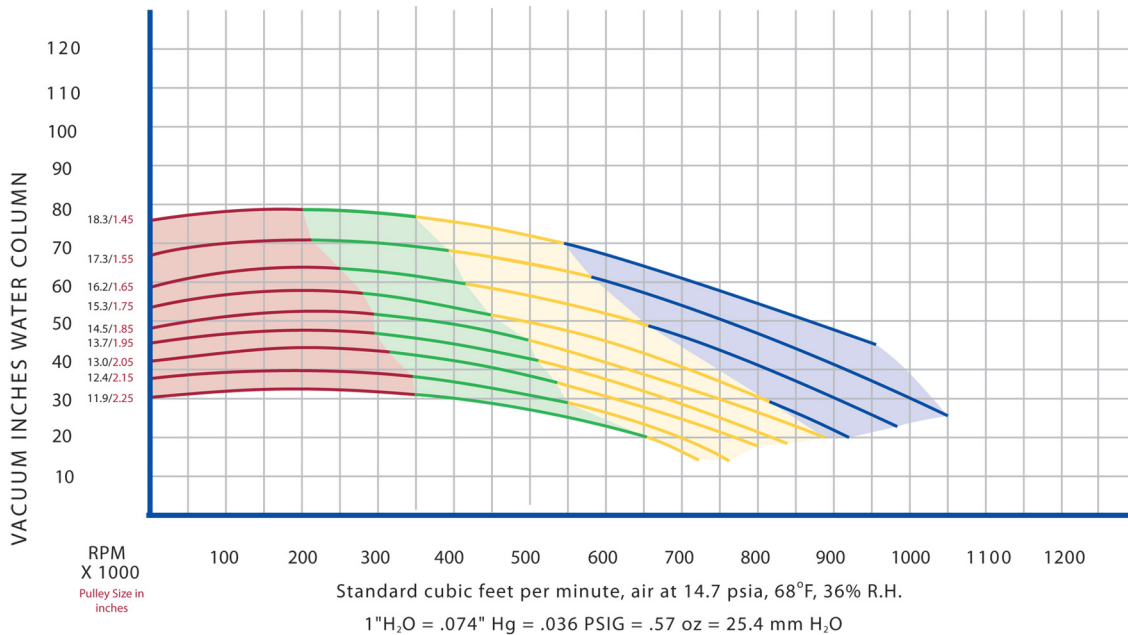
RB 800/5-15 HP

Pressure vs. CFM



■ RB 800-5 HP ■ RB 800-7.5 HP ■ RB 800-10 HP ■ RB 800-15 HP

Vacuum vs. CFM



■ RB 800-5 HP ■ RB 800-7.5 HP ■ RB 800-10 HP ■ RB 800-15 HP

5131 Cash Road ▲ Dallas, TX 75247 ▲ P 214.631.8070 ▲ F 214.631.3673 ▲ 800.847.0380

www.republicsales.com

©2006 Republic Sales & Manufacturing
 Modified 06.08
 280-0079