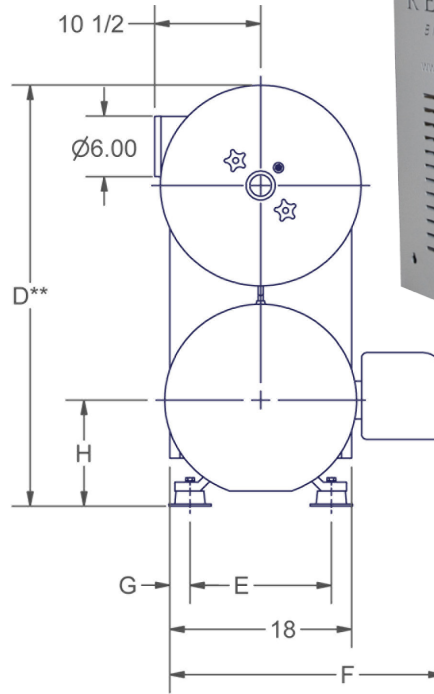
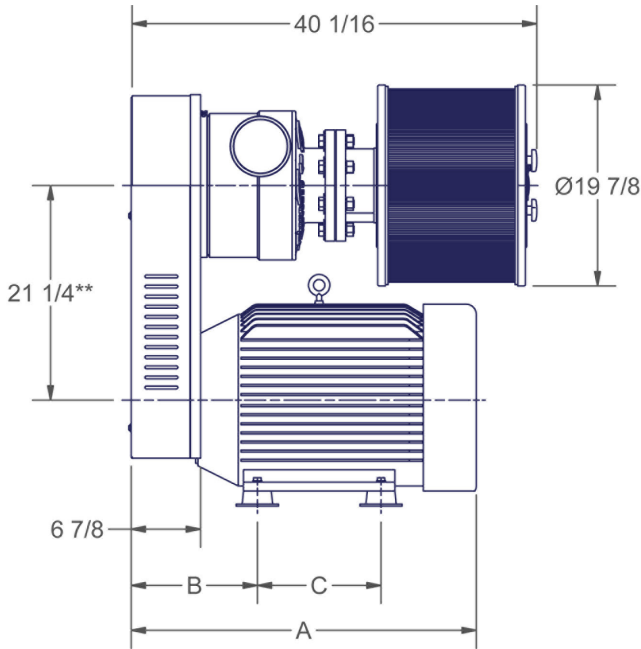




# Republic Centrifugal Blower RB 4000

**REPUBLIC**  
Blower Systems®



## RB 4000 Specifications

- ▲ 30-75 Horsepower – Up to 14,000 RPM
- ▲ Ceramic Hybrid Bearings
- ▲ Mechanical Seals on Both Ends of the Shaft
- ▲ Easy to Remove Bearing/Impeller Housing for Quick Repair
- ▲ Hard Anodized (optional)
- ▲ Blower Outlet Discharge is Rotatable 360°
- ▲ Precision Balanced Shaft/Impeller Assemblies
- ▲ Zinc Plated Steel Motor Pulley
- ▲ Stainless Steel Blower Pulley
- ▲ Aluminum Blower Housing
- ▲ 6061 T6 Aluminum Impeller
- ▲ Bearing Housing is Steel Construction for Extra Rigidity
- ▲ 20 Groove Self Tensioning Belt
- ▲ Inlet and Outlet Flanges Standard
- ▲ Enclosures for Noise Control (optional)
- ▲ Exhaust Silencer (optional)
- ▲ Operational with all Types of Motors– Washdown, Explosion Proof, High Efficiency and Hydraulic
- ▲ 100% Operational Performance and Vibration Tested
- ▲ One Year Warranty
- ▲ 6" Flanged Discharge
- ▲ Soft Start Recommended

HP	A	B	C	D	E	F	G	H	Est. WGT. (lbs)
30	28.06	9.62	16	41.69	8.12	22.12	4.94	10.50	395
40	31.62	9.87	16	41.69	14.62	22.62	1.06	10.50	528
50	31.75	9.87	16	41.69	14.62	22.62	1.06	10.50	587
60	34.19	12.50	11.25	41.69	14	27.06	2	10.50	820
75	34.19	12.50	12.25	41.69	14	27.06	2	10.50	890

Retro Kit Est. WGT. (lbs) 280

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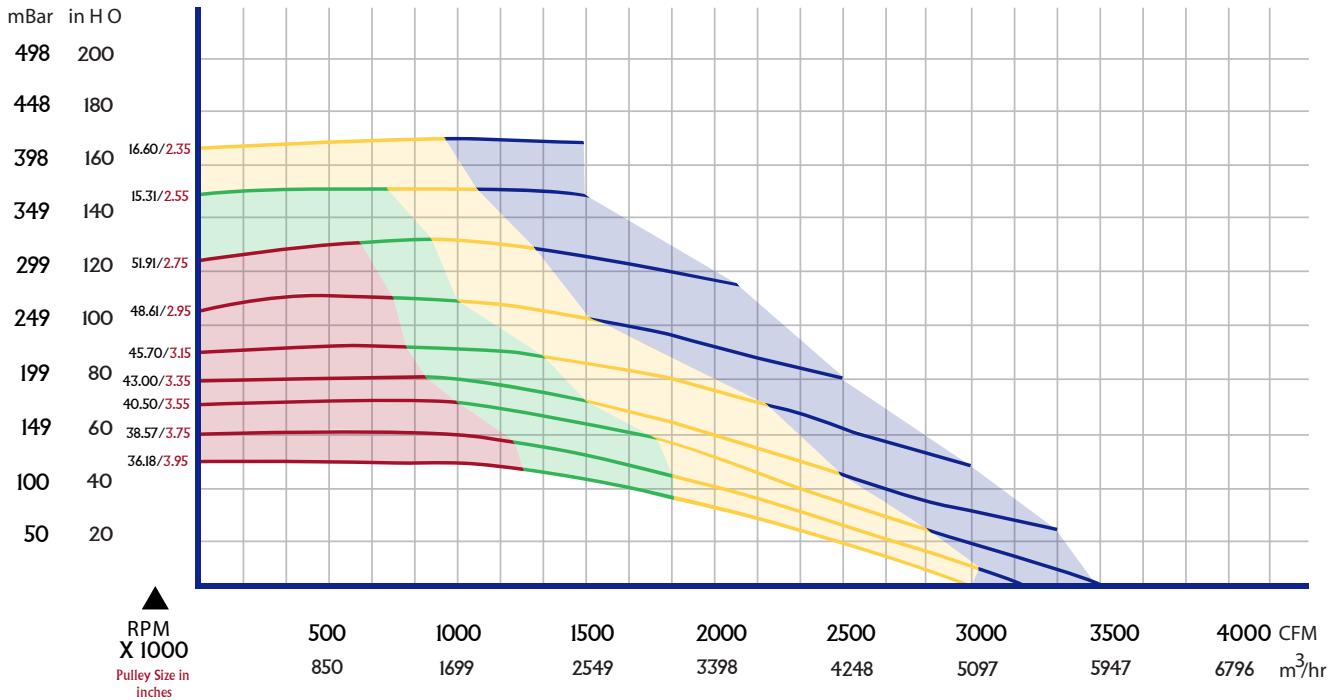


# Republic Centrifugal Blower Performance Curves

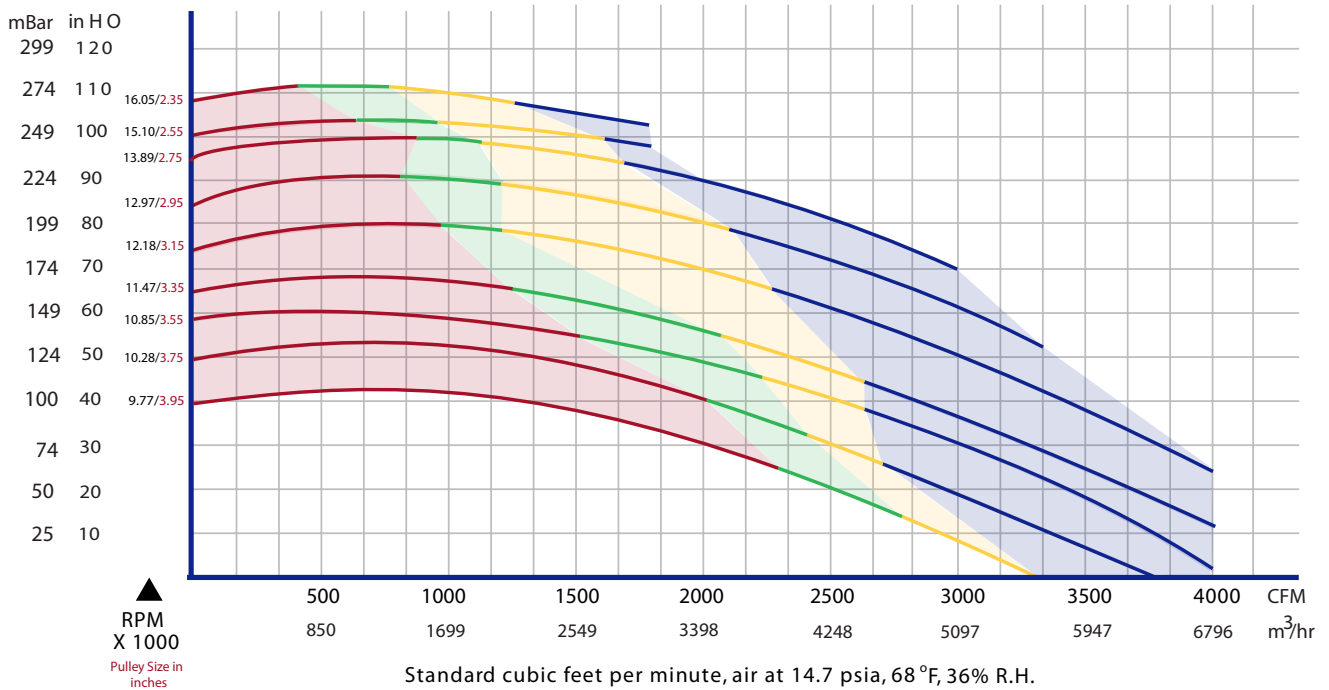
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## RB 4000/40-75 HP

**Pressure vs. CFM**



**Vacuum vs. CFM**



Standard cubic feet per minute, air at 14.7 psia, 68°F, 36% R.H.  
 1"H<sub>2</sub>O = .074" Hg = .036 PSIG = .57 oz = 25.4 mm H<sub>2</sub>O

■ RB 4000-40 HP    
 ■ RB 4000-50 HP    
 ■ RB 4000-60 HP    
 ■ RB 4000-75 HP

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