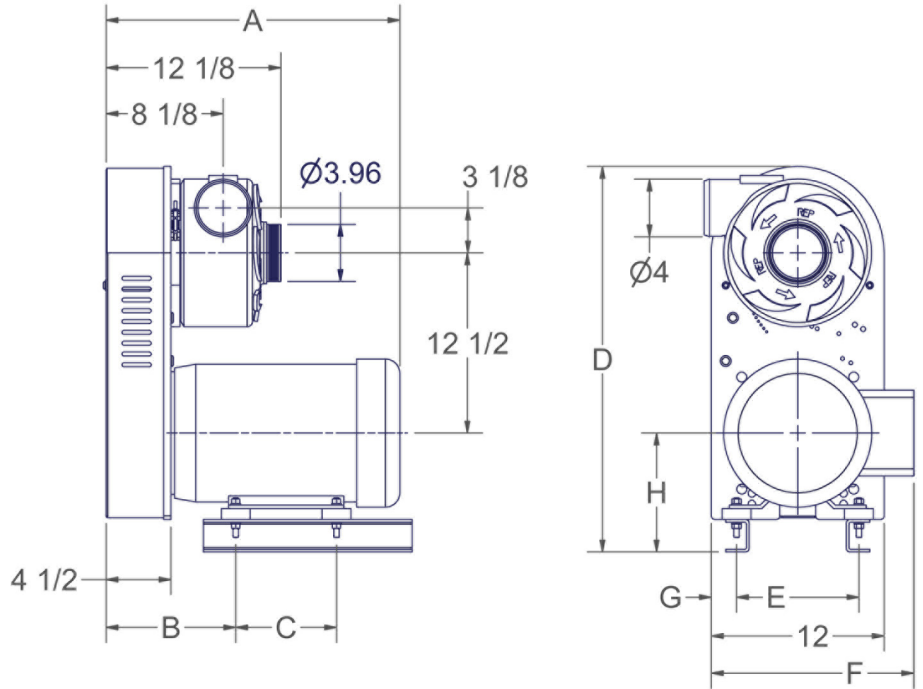




REPUBLIC
Blower Systems®



Republic Centrifugal Blower RB 1200HC



RB 1200HC Specifications

- ▲ 5-25 Horsepower – Up to 20,000 RPM
- ▲ Most Versatile, Providing Local Mounting
- ▲ Ceramic Hybrid Bearings
- ▲ Multi-lip 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
- ▲ 16 Groove Belt for Long Life
- ▲ Inlet and Outlet Flanges Available
- ▲ 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
- ▲ Water-cooled Blower Available
- ▲ 4" Standard Discharge, 3" Discharge Optional

HP	A	B	C	D	E	F	G	H
5 (184TC)	17 1/16	8 1/8	5 1/2	26	7 5/8	12 7/8	2 1/4	7 1/2
7 1/2 (213TC)	20	9	5 1/2	26 3/4	8 1/2	14 1/16	1 3/4	8 1/4
10 (215TC)	20 3/8	9	7	26 3/4	8 1/2	14 1/16	1 3/4	8 1/4
15 (254TC)	24 1/2	9 1/2	8 1/4	27 3/4	8 1/2	16 1/16	1	9 1/4
20 (256TC)	24 7/16	9 1/2	10	27 3/4	10	16 1/16	1	9 1/4
25 (284TC)	26 1/16	9 1/2	9 1/2	27	11	18 1/16	1/2	8 1/2

HP	Est. WGT. (lbs)
5 (184TC)	160
7 1/2 (213TC)	209
10 (215TC)	237
15 (254TC)	364
20 (256TC)	337
25 (284TC)	462

Retro Kit Est. WGT. (lbs)	79
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Noise Control	With Enclosure	No Enclosure
With Silencer	74-78 dB	88-90 dB
No Silencer	80-82 dB	92-96 dB

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

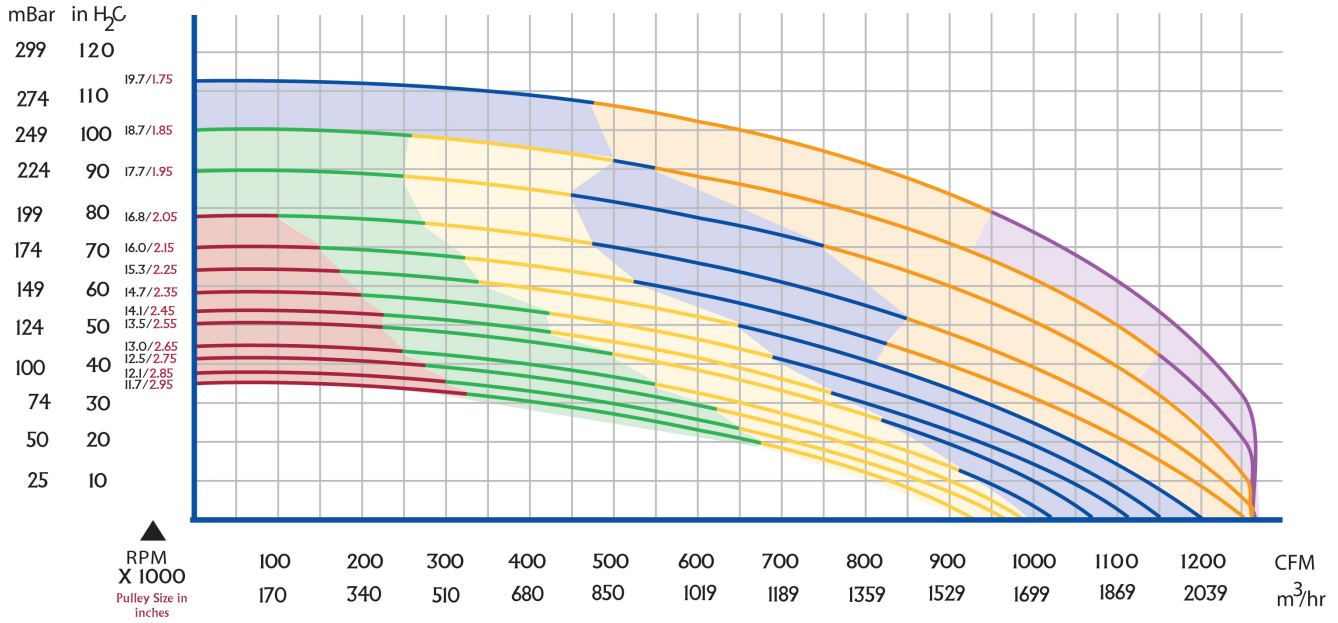
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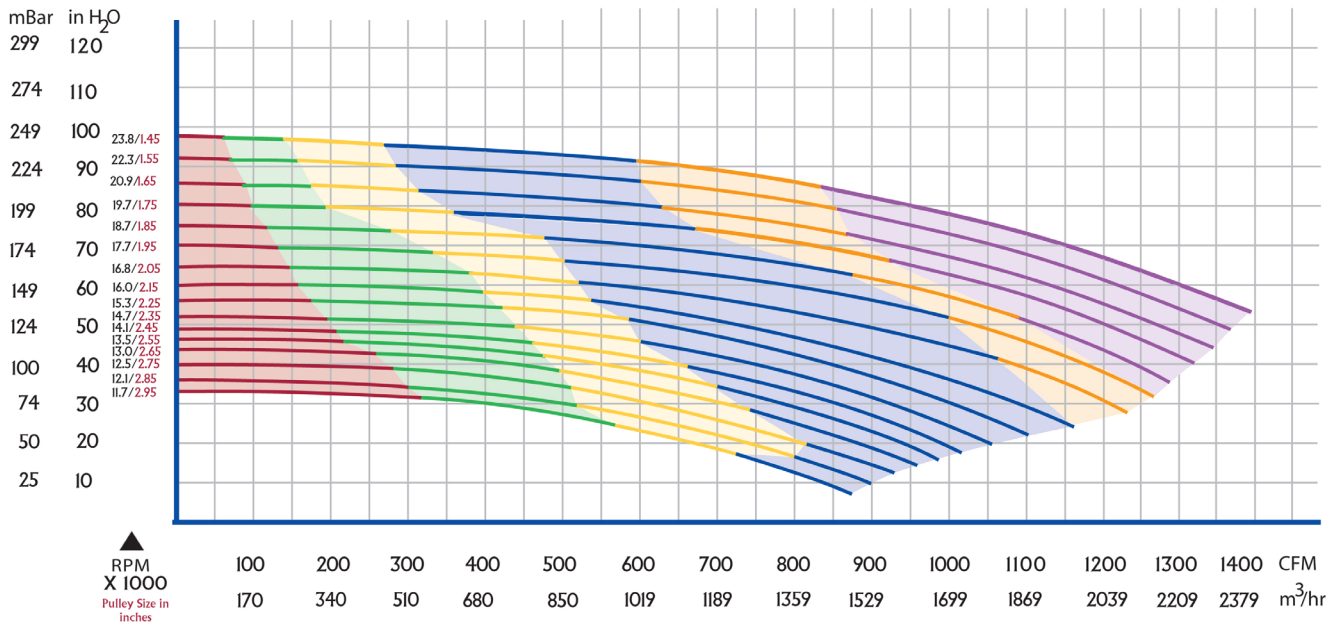
Republic Centrifugal Blower Performance Curves

REPUBLIC
Blower Systems®

Pressure vs. CFM



Vacuum vs. CFM



Standard cubic feet per minute, air at 14.7 psia, 68°F, 36% R.H.

1" H₂O = .074" Hg = .036 PSIG = .57 oz = 25.4 mm H₂O

- RB 1200HC-5 HP
- RB 1200HC-7.5 HP
- RB 1200HC-10 HP
- RB 1200HC-15 HP
- RB 1200HC-20 HP
- RB 1200HC-25 HP

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