



**Single Stage** **Model HB-419**

Hz	HP	kW	SCFM	Pressure		Vacuum		Noise Level	Net Weight	
				mbar	"H2O	mbar	"H2O		kg	lbs
60	1.5	1.1	150	140	60	140	60	73 dbA	20.5	46
50	1.2	.9	129	130	52	130	52	70 dbA	20.5	46

\*Refer to curves below for detailed performance data. Data subject to change, actual performance may vary by ±10%. Contact All Star™ Products to verify current data.

**STANDARD FEATURES**

- Housing - Aluminum
- Impeller - high efficient design, dynamically balanced die cast aluminum
- Direct drive impeller
- Shock absorbing mounting base
- Quiet operation - well below OSHA maximum noise limits
- Inlet & outlet silencers included as standard
- Motor shaft seal standard
- IP 54 TEFC 2 pole squirrel cage ac motor
- 40 Deg C ambient
- Class F Insulation 1.15 service factor
- Standard voltage 3/60/208-230/460 3/50/220/380
- Performance tested ANSI/AMCA210-85 Laboratory Method

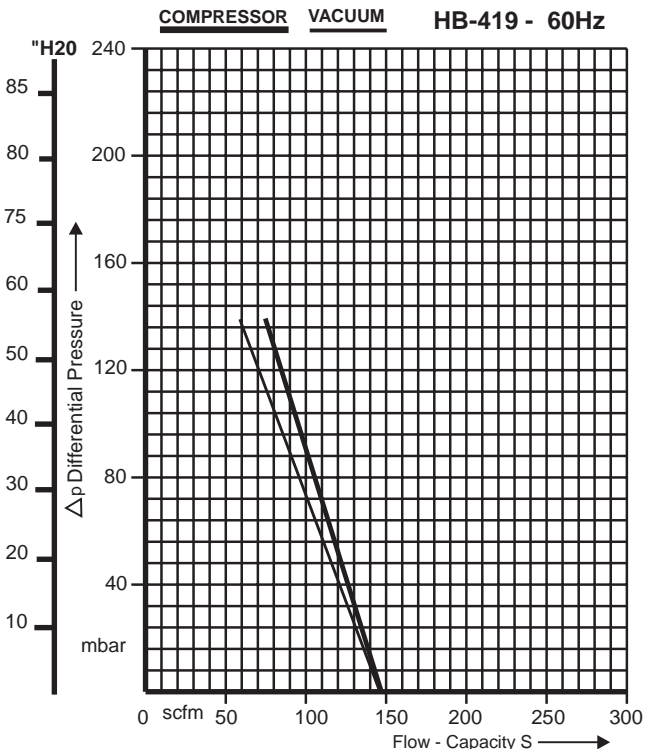
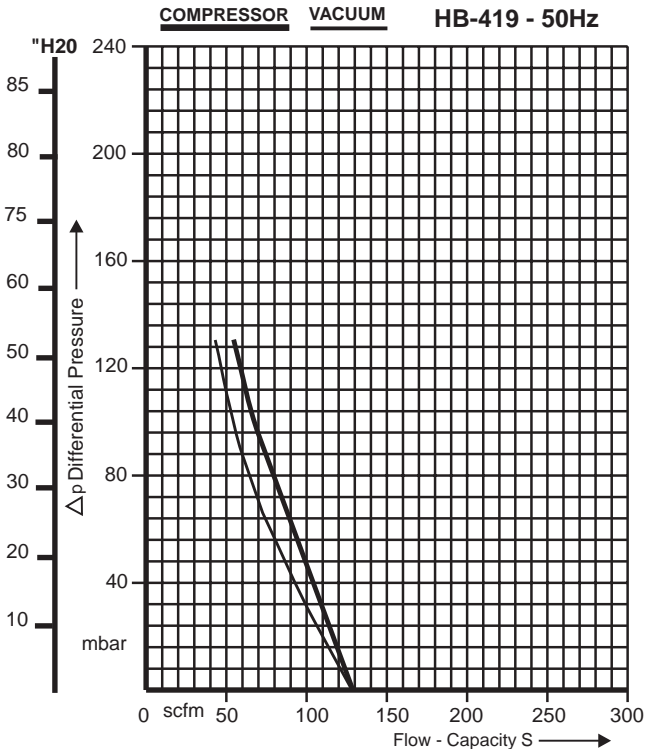


**ACCESSORIES**

- Pressure Relief Valve **RV-01**
- Vacuum Relief Valve **RV-01**
- Pressure Filter **F31P-200**
- Vacuum Filter **CSL-849-150HC**

**TECHNICAL DATA**

- Performance Temperature Curves
- CAD Files



Register at <http://www.all-star-usa.com> for online services for current technical data, AutoCad drawings, competitive interchange tables, engineering and application information, order entry, check shipment status and new product information.

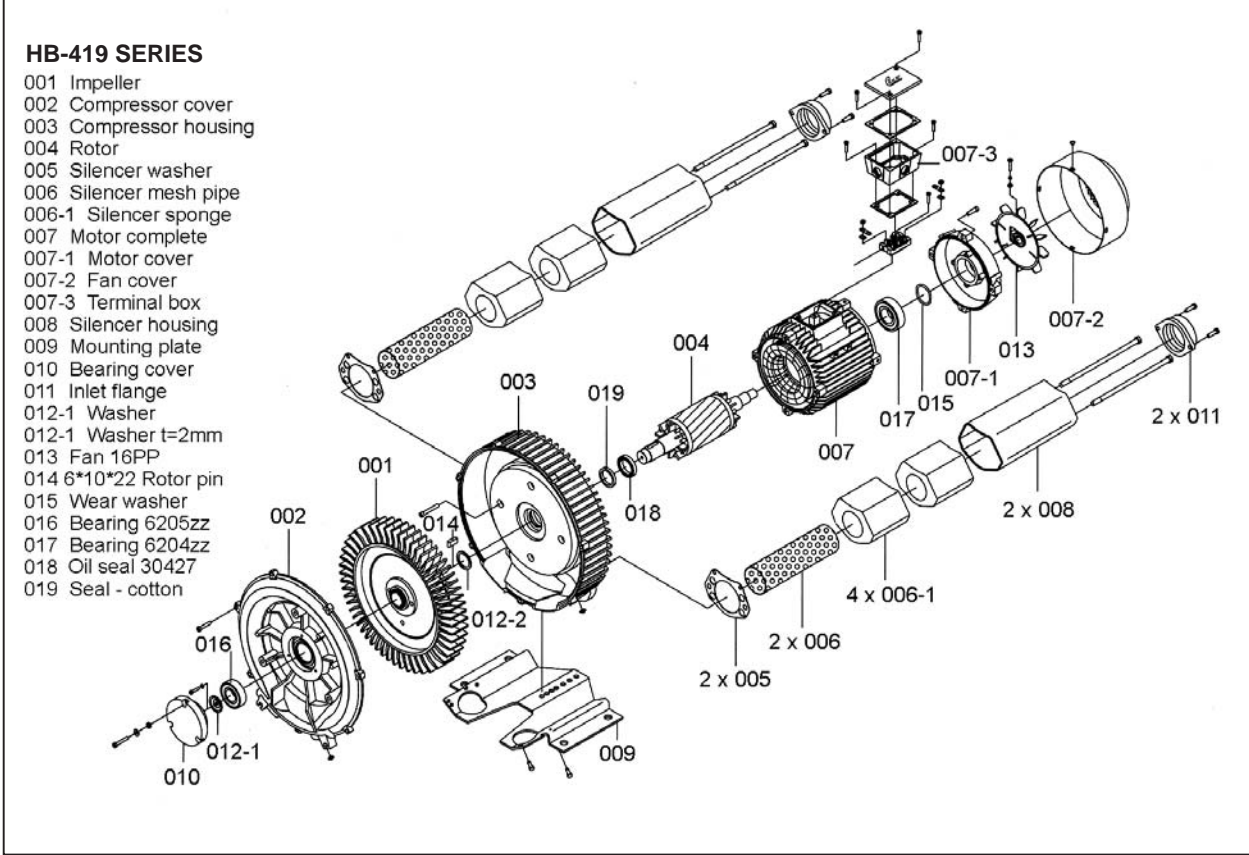
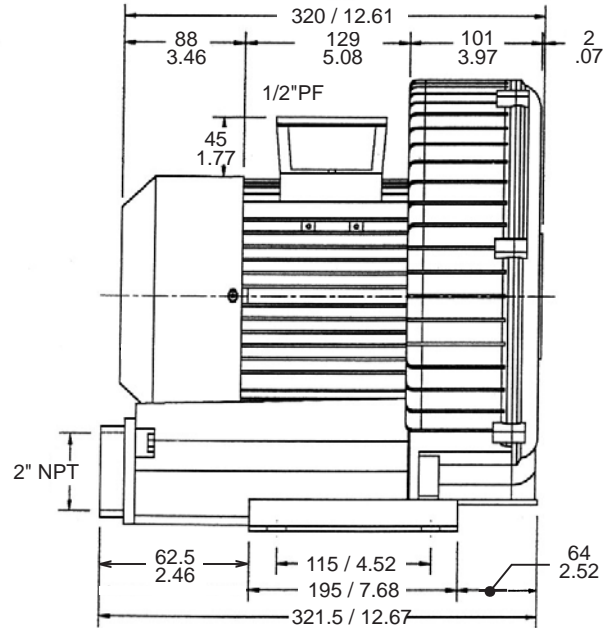
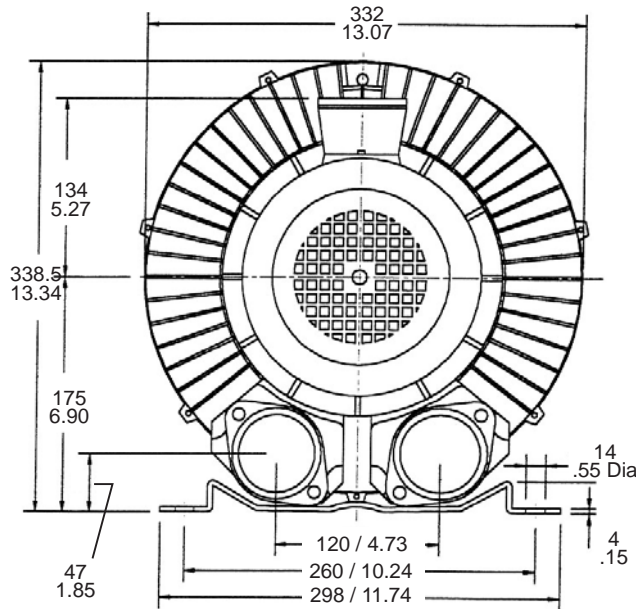


**Dimensions & Parts List      Single Stage      Model HB 419A**

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Effective April 15, 2005

**HB-419 SERIES**



**Contact an All Star representative, distributor or the closest All Star office below.**