



Single Stage **Model HB-449-1**

Hz	HP	kW	SCFM	Pressure		Vacuum		Noise Level	Net Weight	
				mbar	"H2O	mbar	"H2O		kg	lbs
60	2	1.5	150	180	72	180	72	73 dbA	22	48
50	1.7	1.3	128	180	72	180	72	70 dbA	22	48

*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
- Replaces model HB-429-12

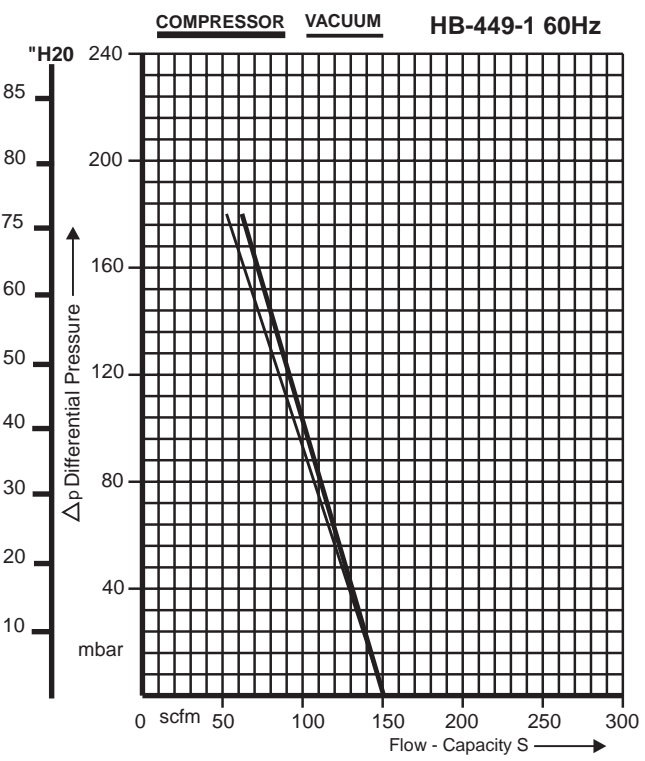
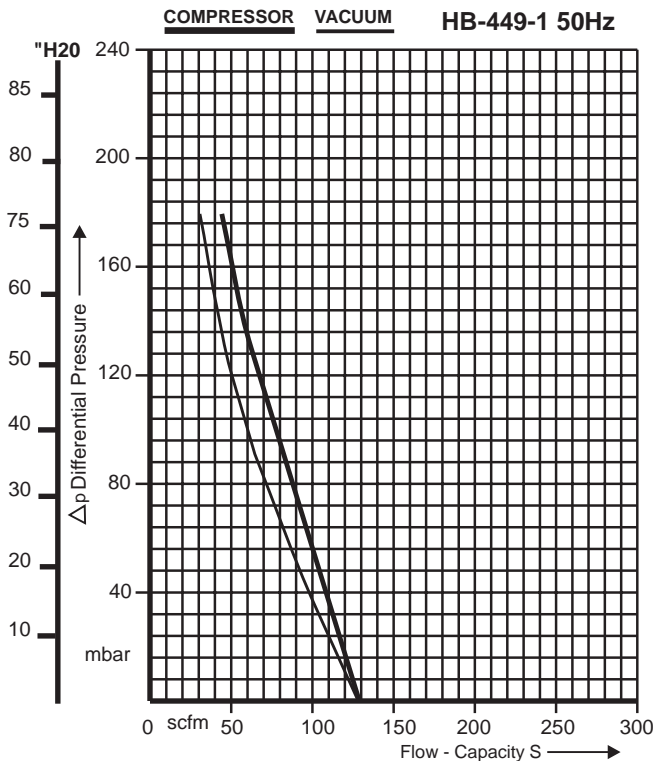


ACCESSORIES

- 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.

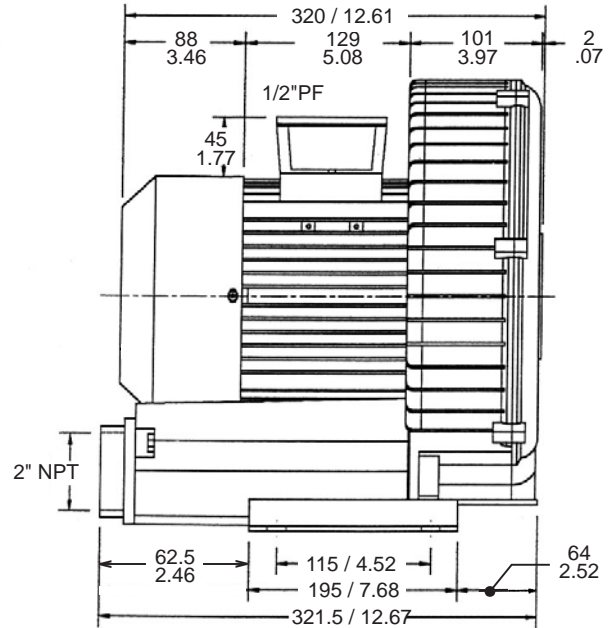
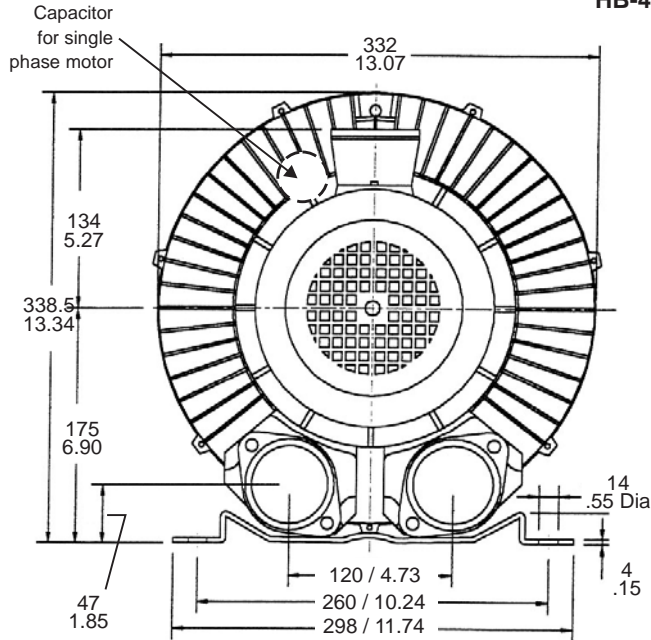


Dimensions & Parts List Single Stage Model HB 449-1

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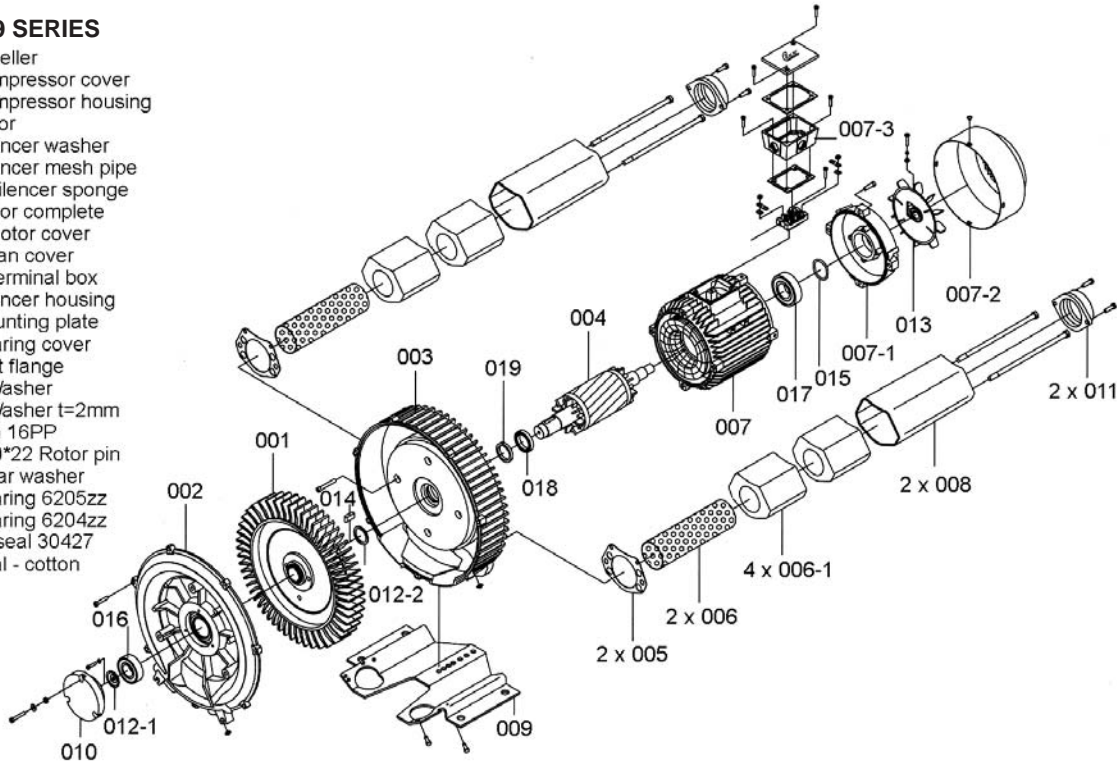
Effective April 15, 2005

HB-449 SERIES



HB-449 SERIES

- 001 Impeller
- 002 Compressor cover
- 003 Compressor housing
- 004 Rotor
- 005 Silencer washer
- 006 Silencer mesh pipe
- 006-1 Silencer sponge
- 007 Motor complete
- 007-1 Motor cover
- 007-2 Fan cover
- 007-3 Terminal box
- 008 Silencer housing
- 009 Mounting plate
- 010 Bearing cover
- 011 Inlet flange
- 012-1 Washer
- 012-1 Washer t=2mm
- 013 Fan 16PP
- 014 6*10*22 Rotor pin
- 015 Wear washer
- 016 Bearing 6205zz
- 017 Bearing 6204zz
- 018 Oil seal 30427
- 019 Seal - cotton



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