

www.airblowerservices.com

1.630.372.9222

**ALL STAR™**

Regenerative Blowers  
Vacuum Pumps

Model	Poles	Hz	HP	kW	SCFM	Pressure		Vacuum		Noise Level	Net Weight	
						mbar	"H2O	mbar	"H2O		kg	lbs
RB8-805-3	3	60	8.5	6.8	400	290	116	300	120	79 db(A)	78	172
		50		5.5	340	296	119	270	108	74 db(A)	78	172
RB8-1105-3	3	60	11.5	8.6	400	400	160	345	139	79 db(A)	82	182
		50		7.5	340	400	160	300	120	74 db(A)	82	182

\*Refer to curves below for detailed performance data. Data subject to change without notice. Actual performance may vary by ±10%.

### STANDARD FEATURES

- Housing - Aluminum
- Impeller - Aluminum, dynamically balanced
- Direct drive impeller
- Shock absorbing mounting base
- Quiet operation - below OSHA limits
- Inlet & outlet silencers included
- Motor shaft seal standard
- IP 54 TEFC 2 pole squirrel cage ac motor
- 40 Deg C ambient
- Class H insulation 1.15 service factor
- Performance tested ANSI/AMCA210-85
- Voltage
  - 1 = 1/60/50/115/230
  - 2 = 1/60/50/230
  - 3 = 3/60/208-230/460 3/50/220/380

**3/60/208-230/460 & 3/50/220/380**

RB8-805-3 replaces HB-729

RB8-1105-3 replaces HB-829

### REQUIRED ACCESSORIES

Note: To obtain warranty coverage a relief valve and filter are required.

Pressure Relief Valve RV-02  
Pressure Relief Valve RVA-02

Vacuum Relief Valve RV-02  
Vacuum Relief Valve RVA-02

Pressure Intake Air Filter F235P-250  
Vacuum Air Filter CSL-851-250HC



### TECHNICAL DATA

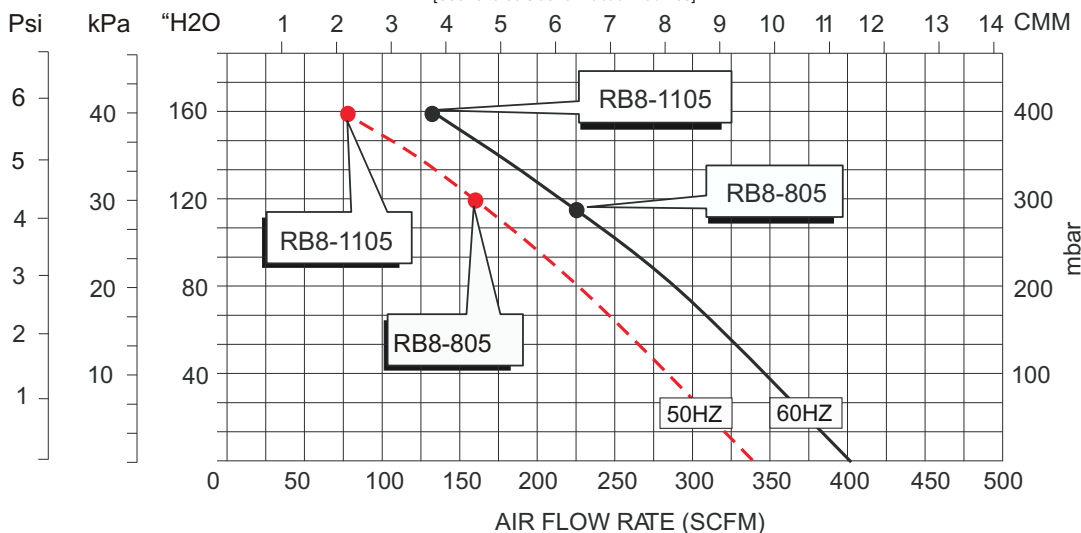
- [Available online www.all-star-usa.com]
- Performance Temperature Rise Curves
  - AutoCad files
  - Parts List
  - Full load amperage



RoHS  
Compliant

### PRESSURE DATA CURVES ±10%

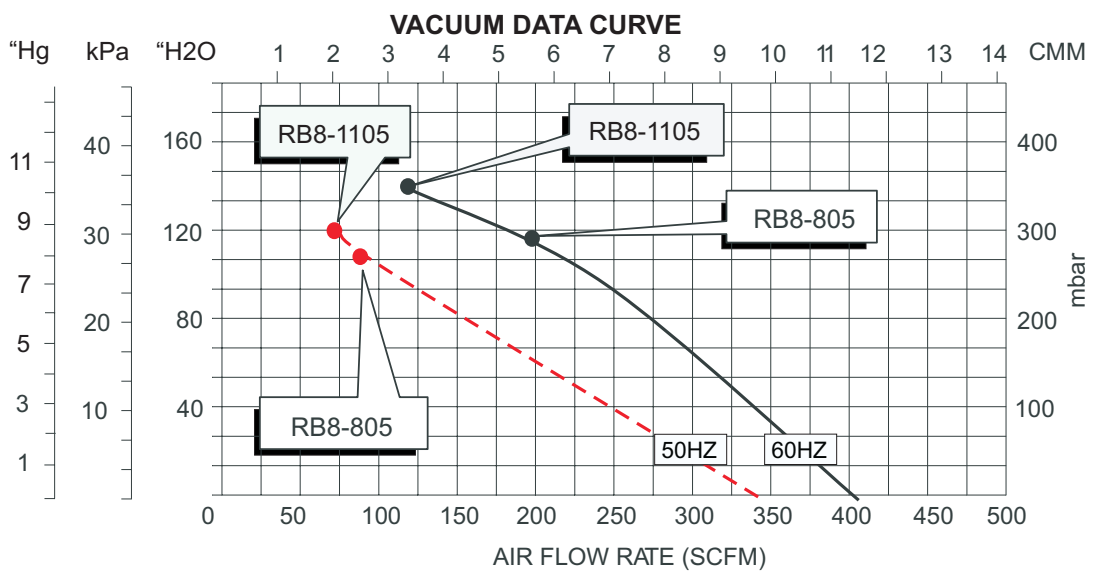
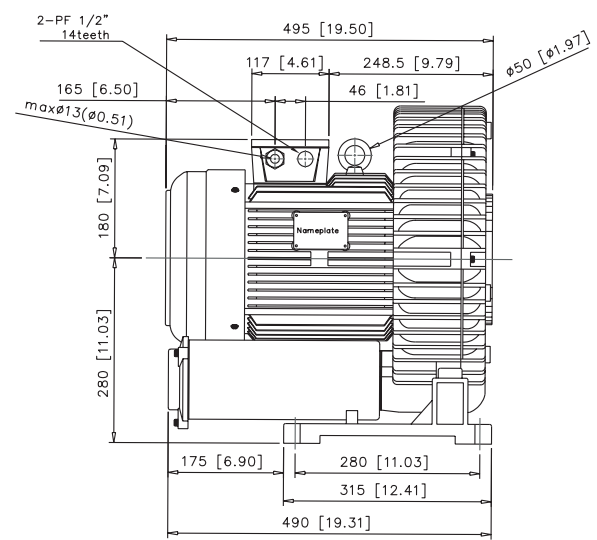
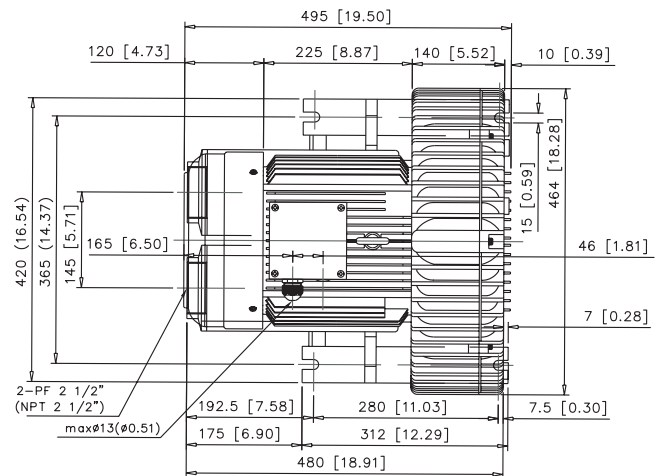
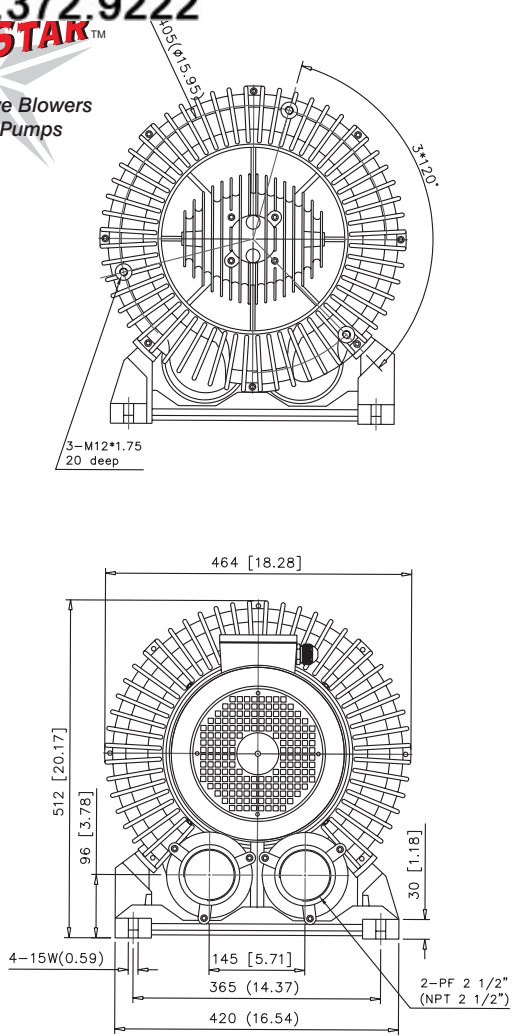
[See reverse side for Vacuum Curves]



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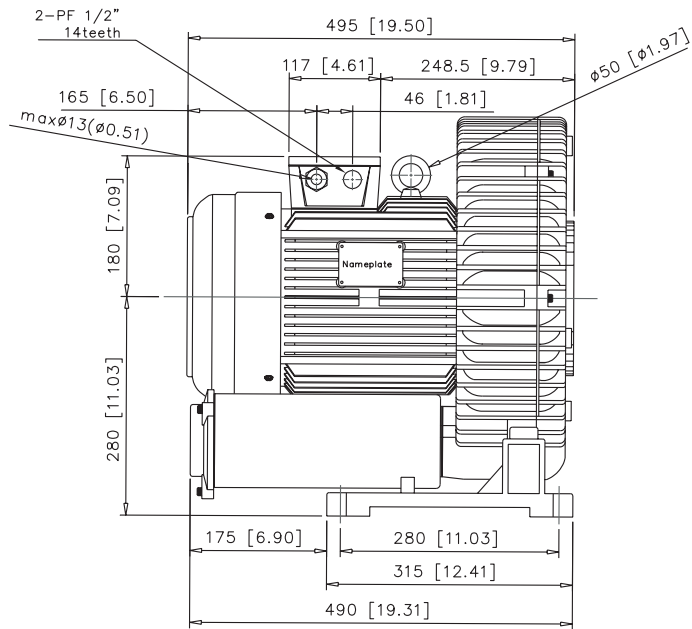
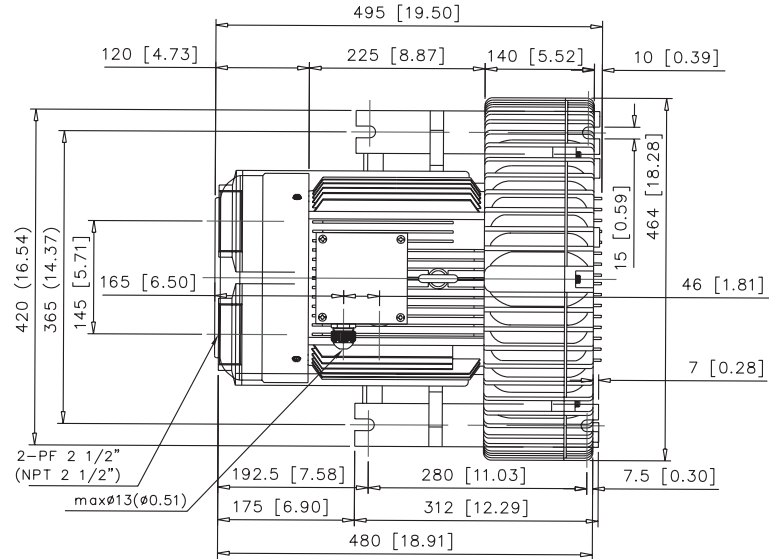
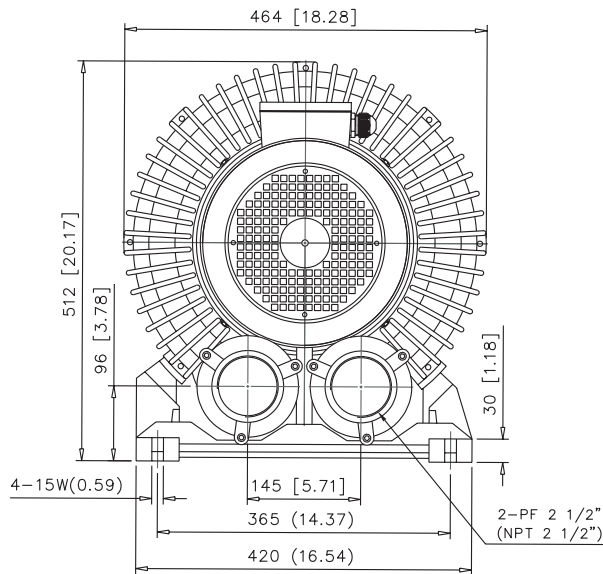
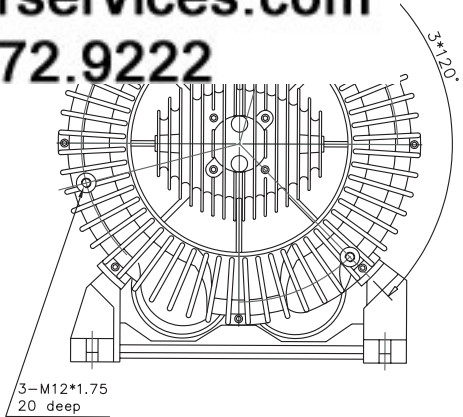
Regenerative Blowers  
Vacuum Pumps



Air

# Blower Services Inc.

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ALL-STAR PRODUCTS INC  
Cleveland Ohio Memphis Tennessee

REGENERATIVE BLOWER  
Model RB8 Series

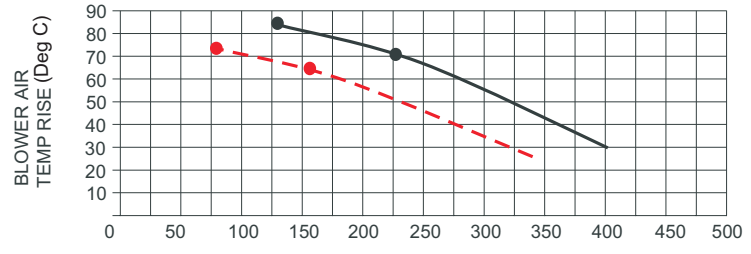
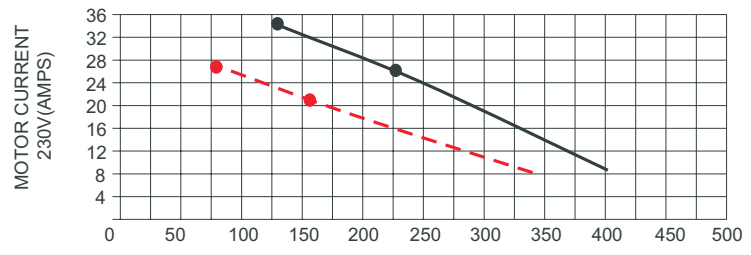
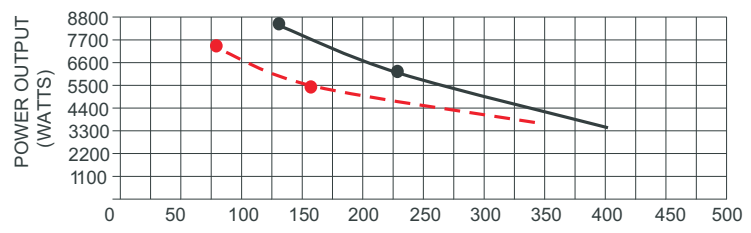
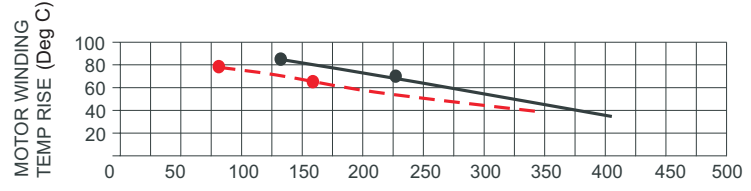
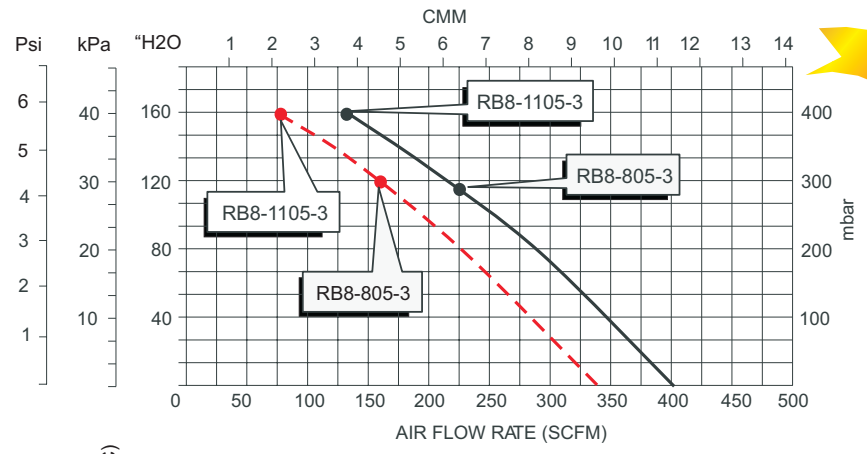
December 30, 2006

**B8 Series - Pressure - Three Phase**

60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

November 2006



**B8 Series - Vacuum - Three Phase**

60Hz

The technical data is based on 1 bar ( abs. ) free atmosphere and 20°C with Inlet air density 1.2kg/m<sup>3</sup>, ±10 %variance.

November 2006

