



	ge	Hz	HP	kW	SCFM	Pressure mbar	"H2O	Vacuum mbar	"H2O	Noise Level	Net Weight kg	lbs
RB33-2-2	2	▶ 60	2	1.5	105	249	100	233	94	69 db(A)	28	62
		50		1.3	92	264	106	230	92	66 db(A)	28	62
RB33-205-2	2	▶ 60	2.5	1.9	105	294	118	298	120	69 db(A)	30	66
RB33-205-3	3	▶ 50		1.75	92	280	112	270	108	66 db(A)	30	66
RB33-305-3	3	▶ 60	3.5	2.7	105	350	141	350	141	69 db(A)	33	73
		50		2.2	92	295	118	380	153	66 db(A)	33	73

\*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

RB33-205-3 replaces HB-3319  
RB33-305-3 replaces HB-3326

### 1/60/115/230 & 1/50/220

RB33-2-2 replaces HB-3315-1  
RB33-205-2 replaces HB-3319-1



### ACCESSORIES

Note: To obtain warranty coverage on the blower 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 F19P-150
- Vacuum Air Filter CSL-849-150HC

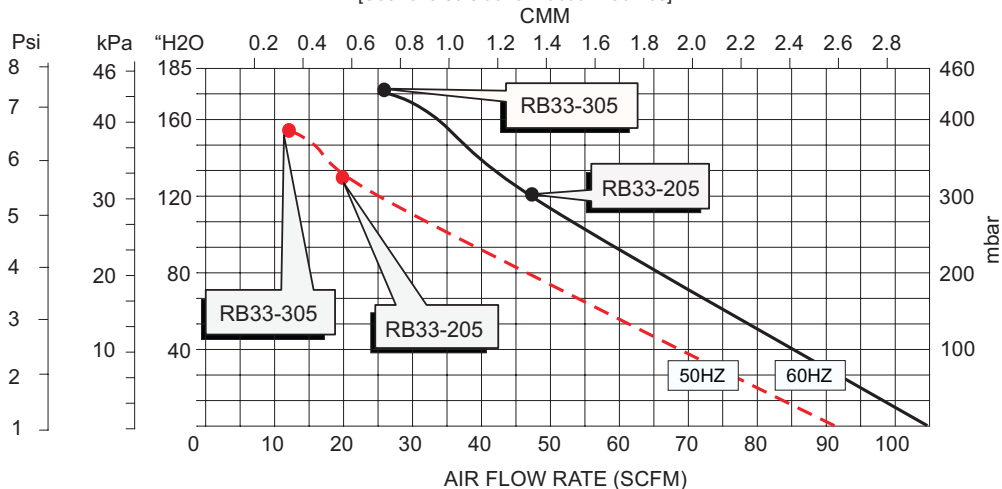
### TECHNICAL DATA

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



### PRESSURE DATA CURVES ±10%

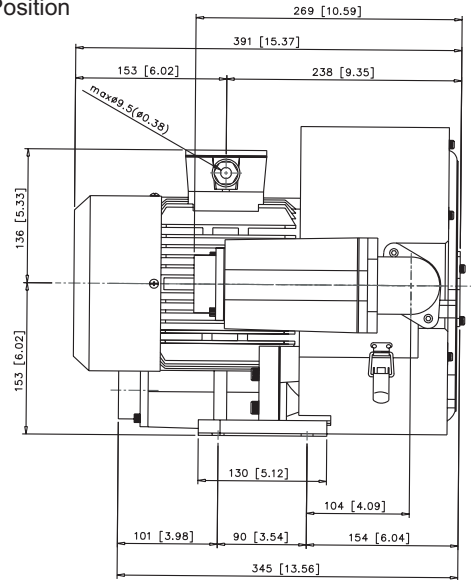
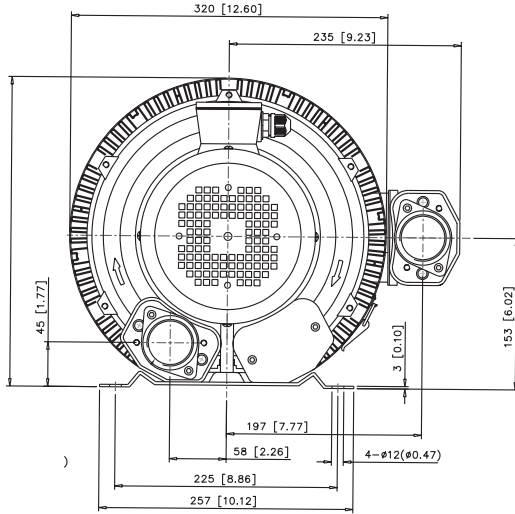
[See reverse side for Vacuum Curves]



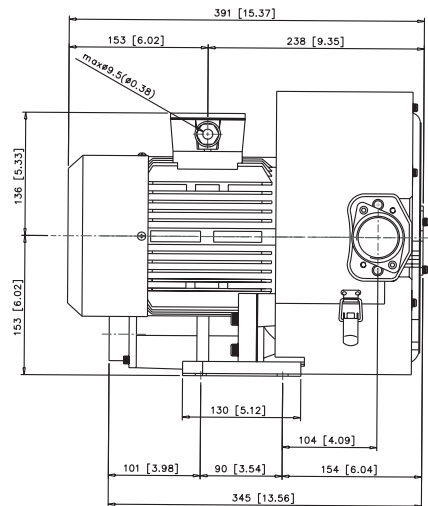
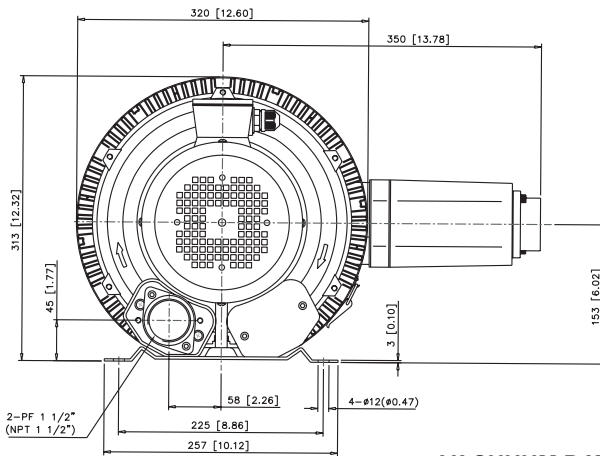
1.630.372.9222

**ALL STAR™**  
Regenerative Blowers  
Vacuum Pumps

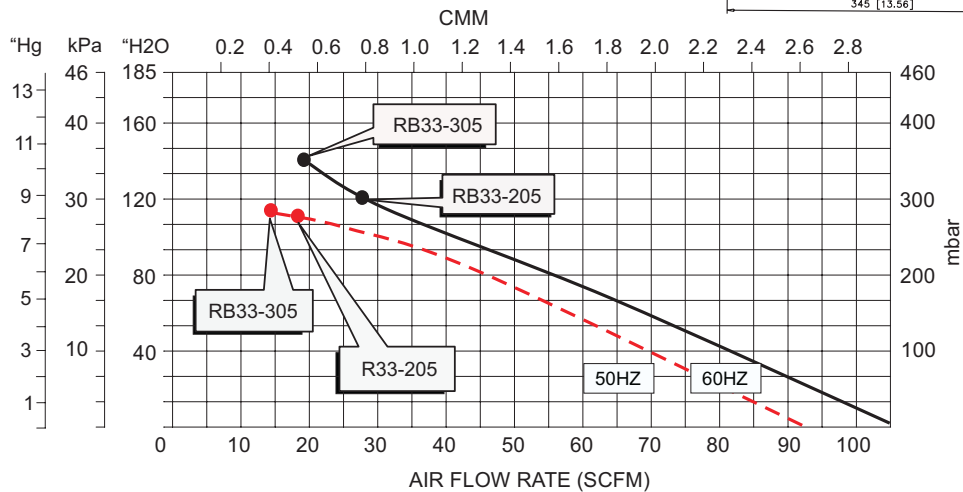
Assembly "A"  
Discharge Silencer Position



Assembly "B"  
Discharge Silencer Position



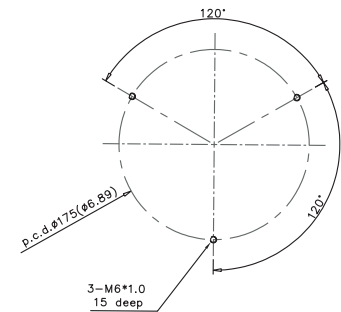
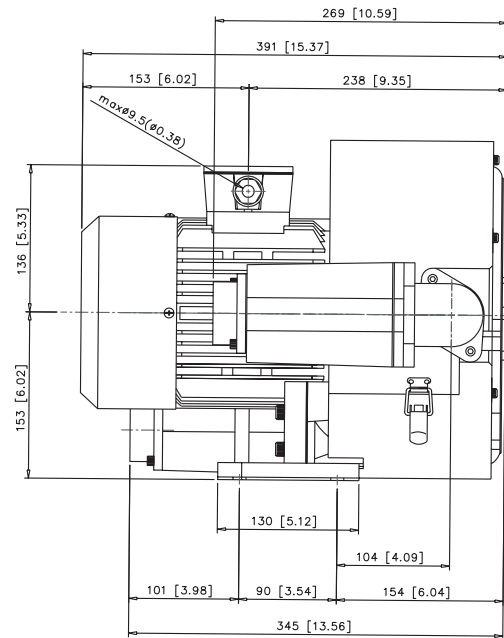
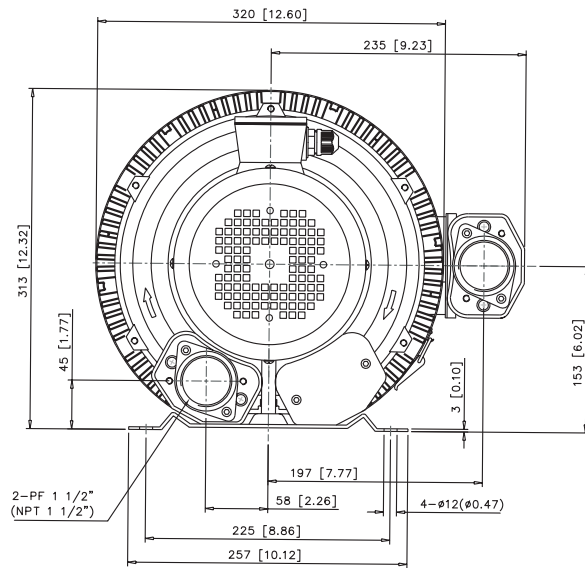
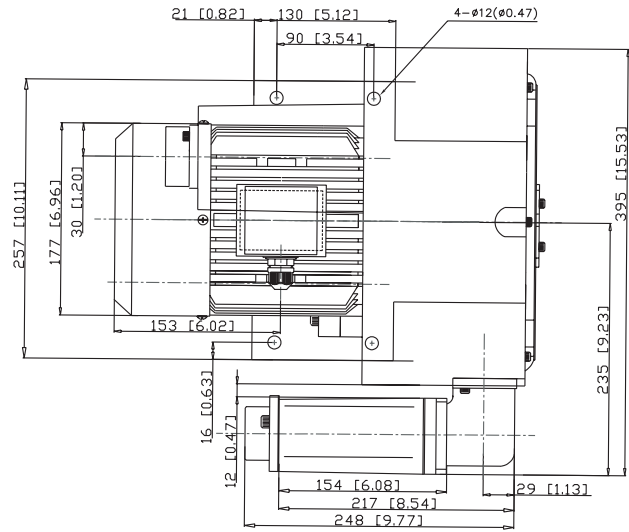
**VACUUM DATA CURVES**



# Air

# Blower Services Inc.

www.airblowerservices.com  
1.630.372.9222



Note:  
mm/inches  
Subject to change without notice.

ALL-STAR PRODUCTS INC  
Cleveland Ohio Memphis Tennessee

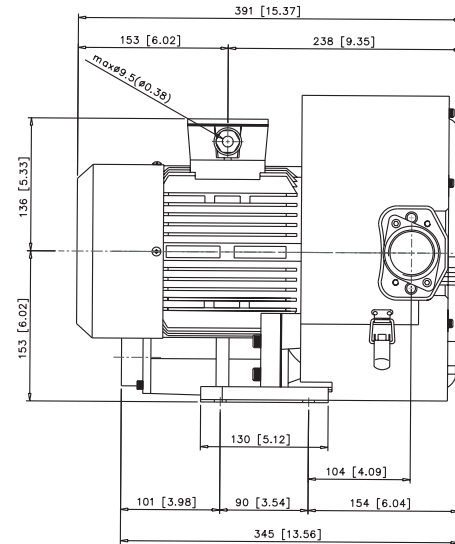
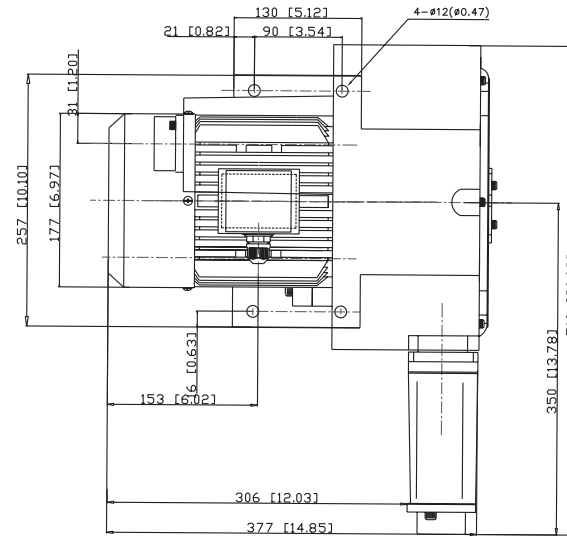
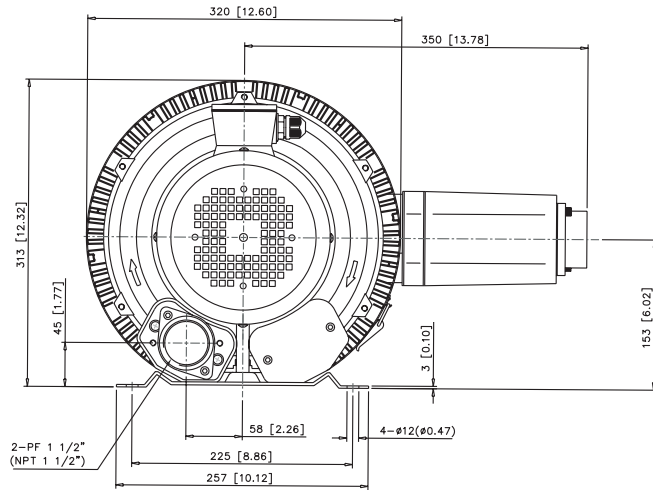
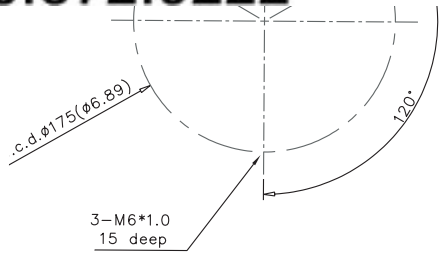
Model RB33 Series, Assembly A  
Regenerative Blower/Vacuum Pump

December 30, 2006

Air

# Blower Services Inc.

www.airblowerservices.com  
1.630.372.9222



ALL-STAR PRODUCTS INC  
Cleveland Ohio Memphis Tennessee

Model RB33 Series, Assembly B  
Regenerative Blower/Vacuum Pump

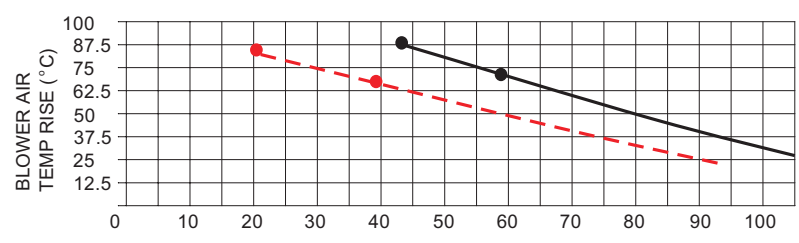
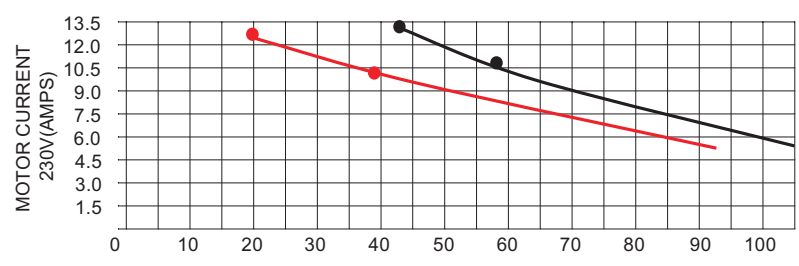
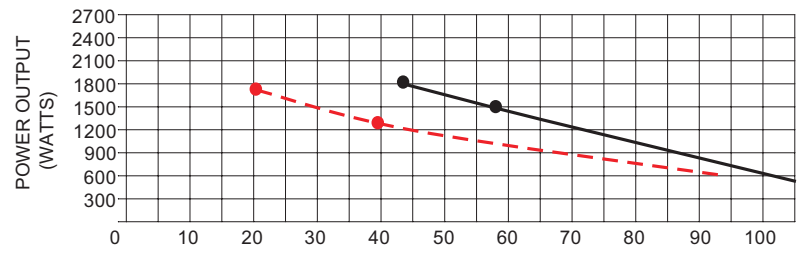
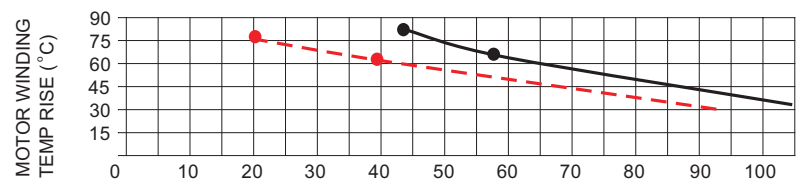
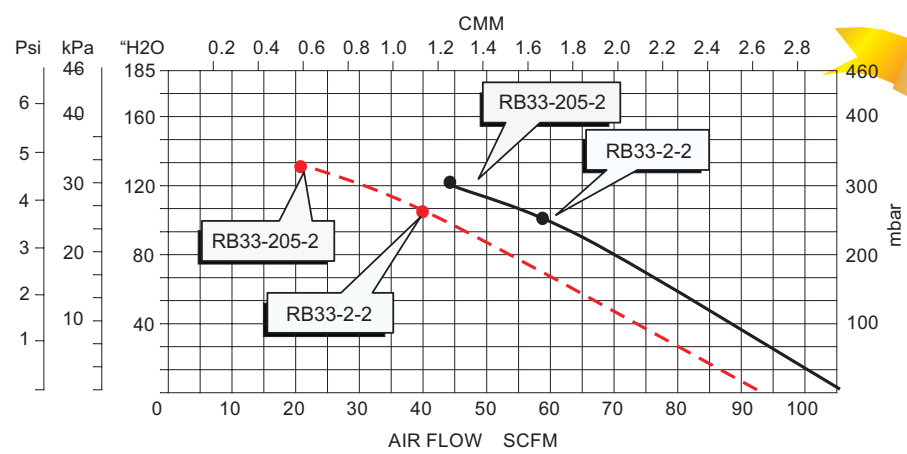
December 30, 2006

## B33 Series - Pressure - Single 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

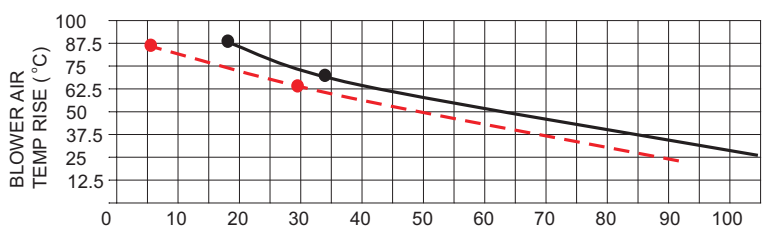
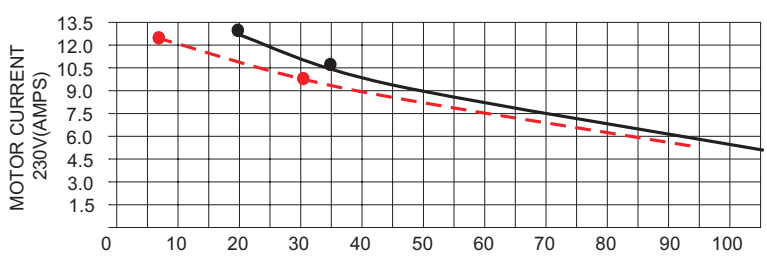
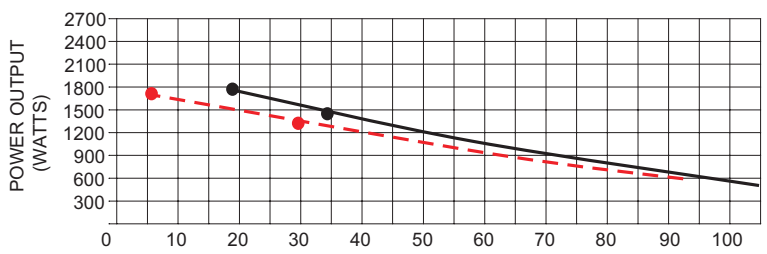
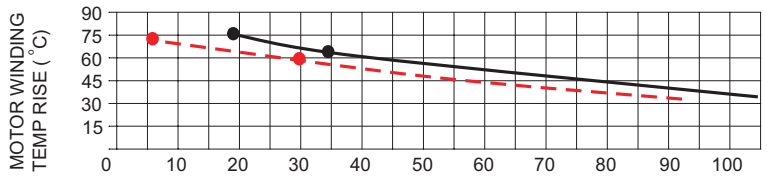
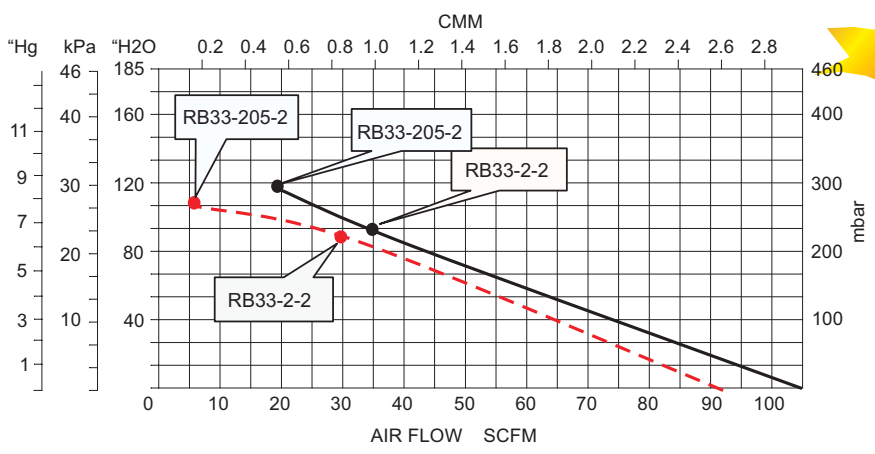


## B33 Series - Vacuum - Single Phase

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

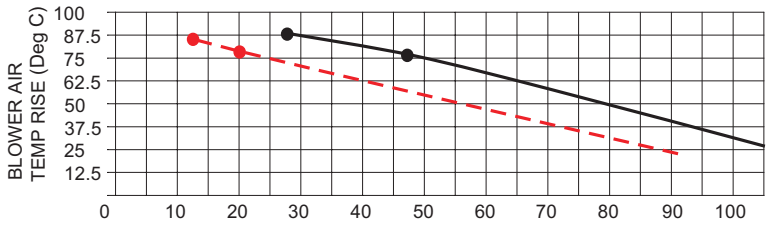
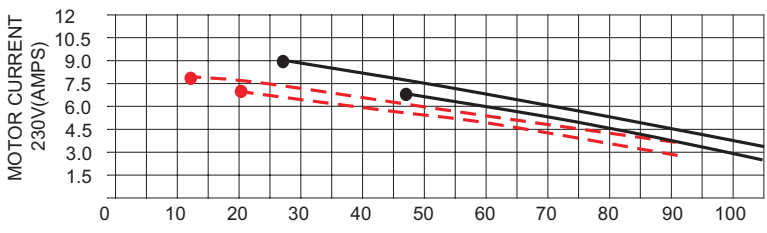
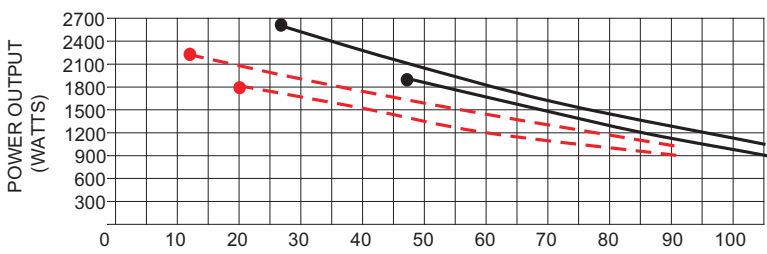
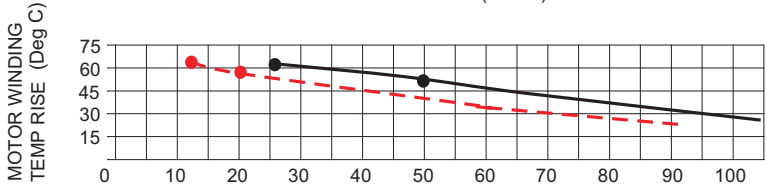
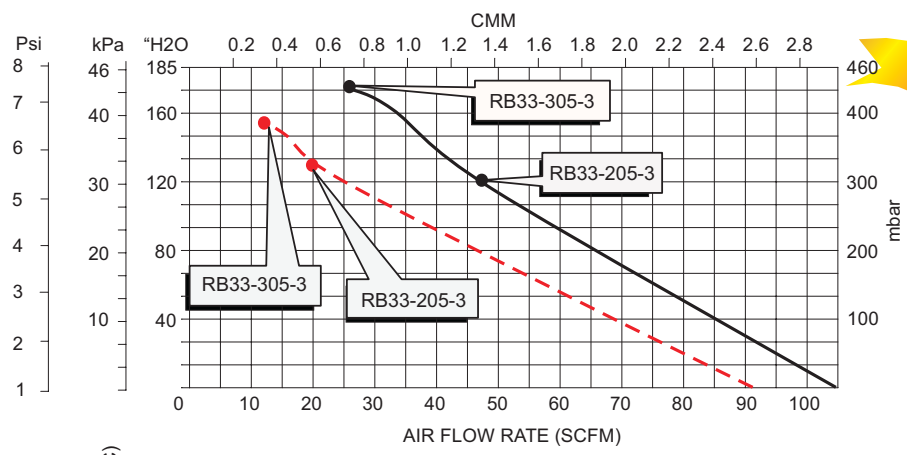


## B33 Series - Pressure - Three Phase

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



**B33 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

