

www.airblowerservices.com

1.630.372.9222

ALL STAR™

Regenerative Blowers
Vacuum Pumps

	ge	Hz	HP	kW	SCFM	Pressure mbar	"H2O	Vacuum mbar	"H2O	Noise Level	Net Weight kg	lbs
RB43-305-2	2	▶ 60	3.5	2.6	165	386	155	386	155	77 db(A)	37	81
		50		2.2	135	360	148	348	140	74 db(A)	37	81
RB43-5-3	3	▶ 60	5	3.7	165	415	167	410	165	77 db(A)	39	86
		50		3.4	135	415	167	360	145	74 db(A)	39	86
RB43-601-3	3	▶ 60	6.1	4.6	165	490	197	420	168	77 db(A)	40	88
		50		4	135	485	195	335	135	74 db(A)	40	88

*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 Code
 - 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

RB43-5-3 replaces HB-4337

RB43-601-3 replaces HB-4346

1/60/230 & 1/50/220

RB43-305-2 replaces HB-4326-1



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 F30P-200
Vacuum Air Filter CSL-851-200HC

TECHNICAL DATA

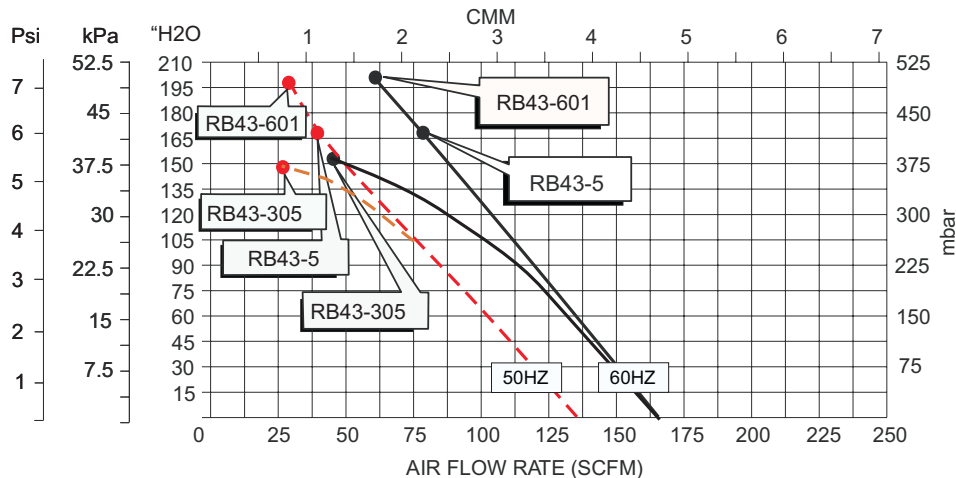
- [Available online www.all-star-usa.com]
- Performance Temperature Rise Curves
 - AutoCad files
 - Parts List
 - Full load amperage



RoHS
Compliant

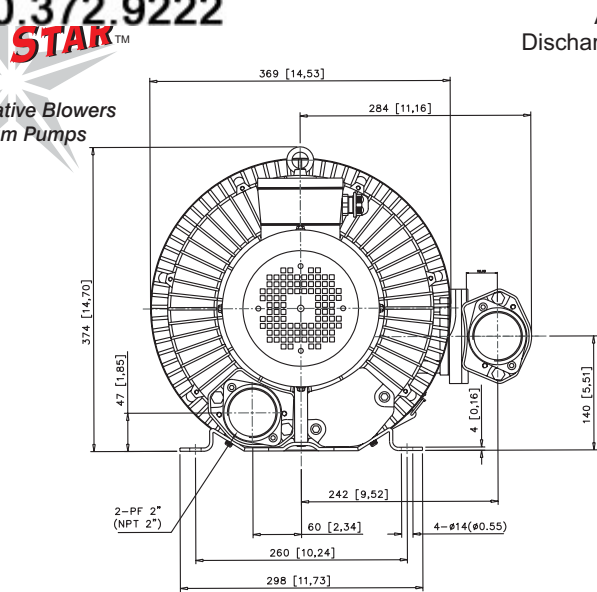
PRESSURE DATA CURVES ± 10%

[See reverse side for Vacuum Curves]

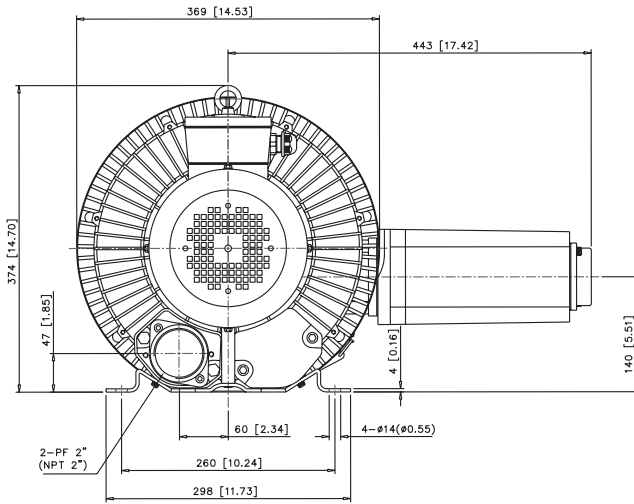
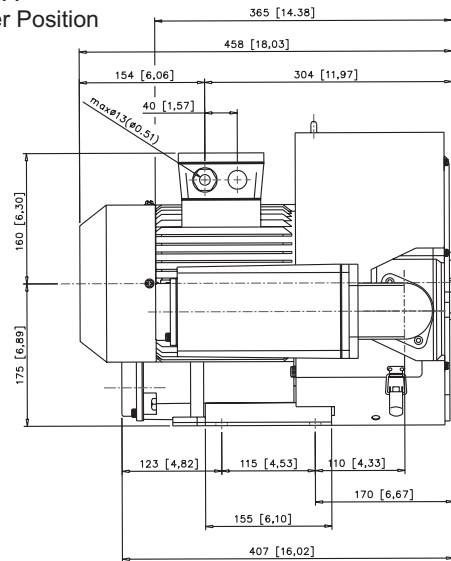


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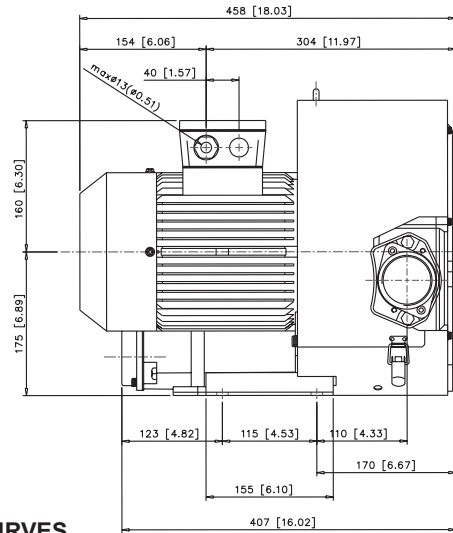
ALL STAR™
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Vacuum Pumps



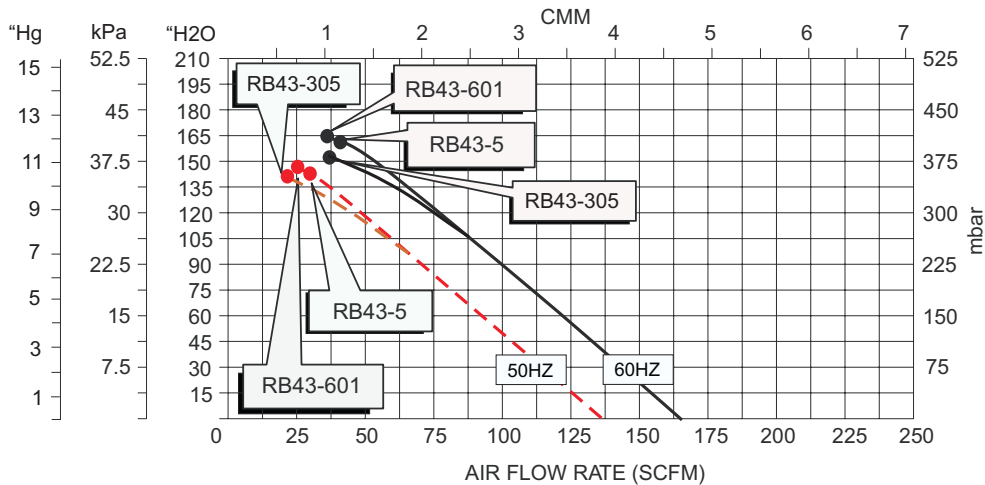
Assembly "A"
Discharge Silencer Position



Assembly "B"
Discharge Silencer Position



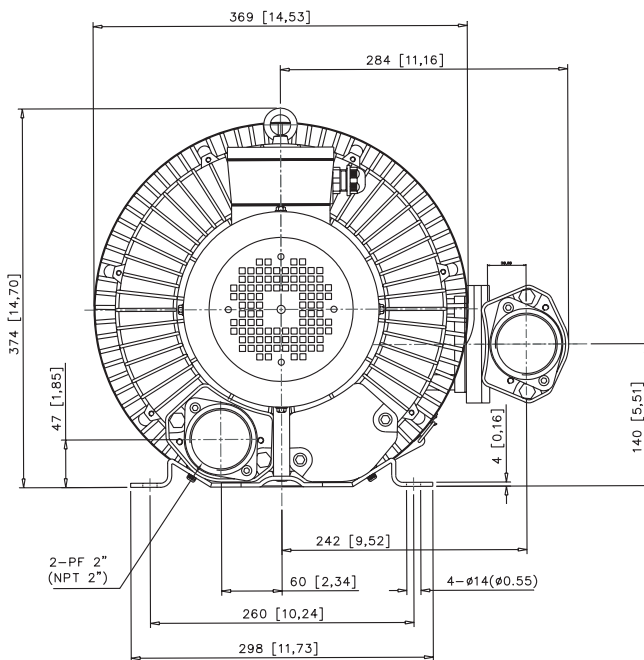
VACUUM DATA CURVES



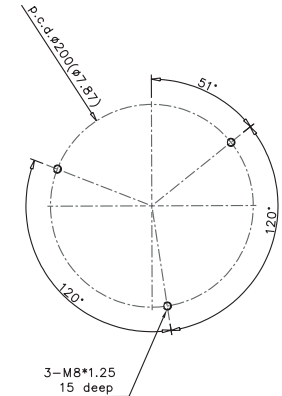
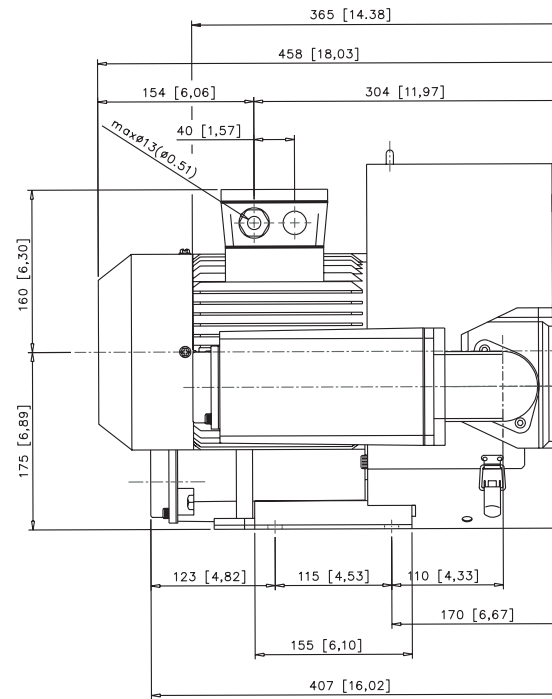
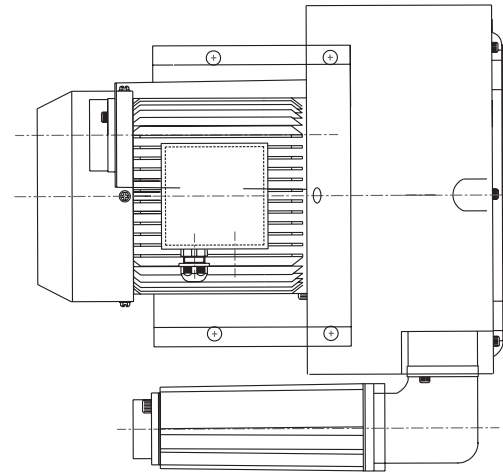
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Note:
mm/inches
Subject to change without notice.



ALL-STAR PRODUCTS INC
Cleveland Ohio Memphis Tennessee

Model RB43 Series, Assembly A
Regenerative Blower/Vacuum Pump

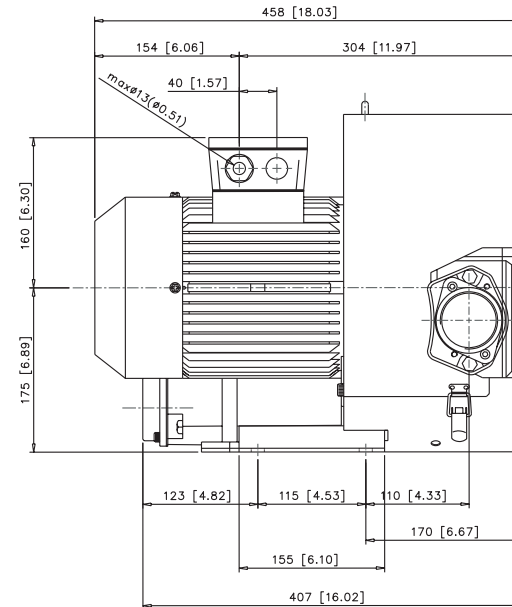
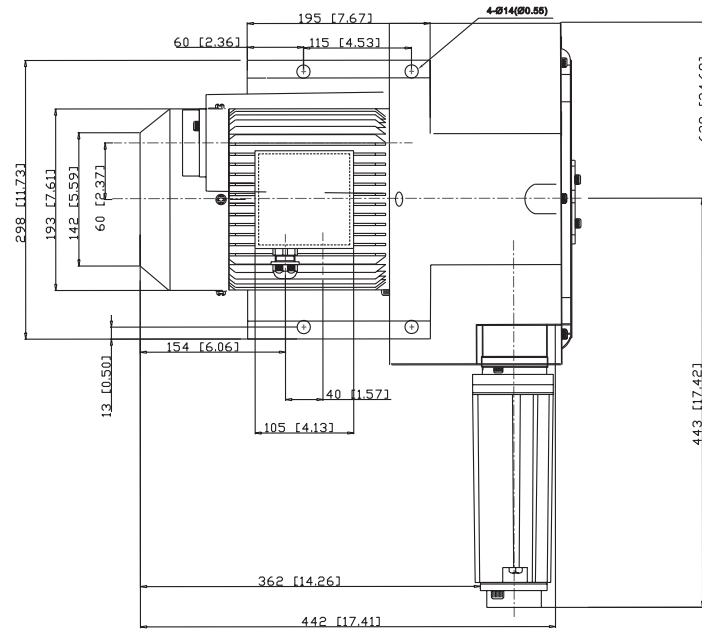
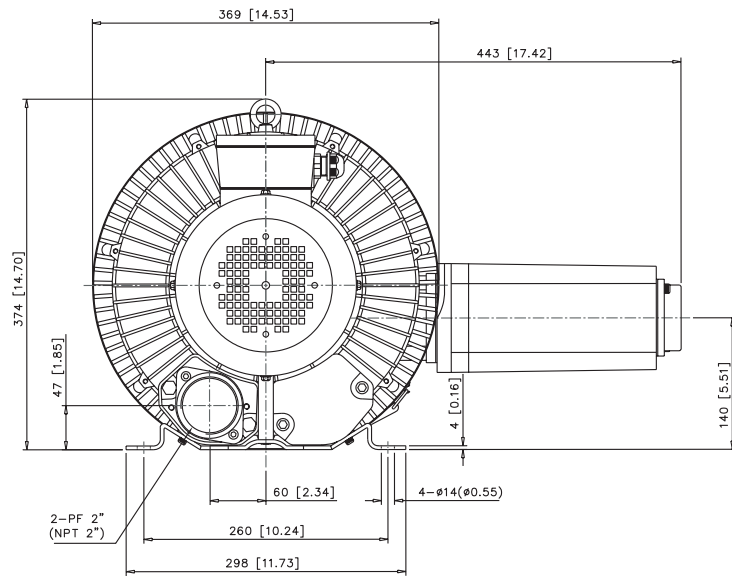
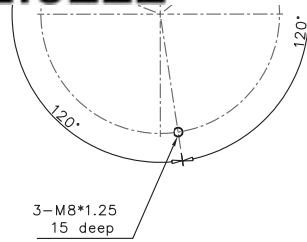
December 30, 2006

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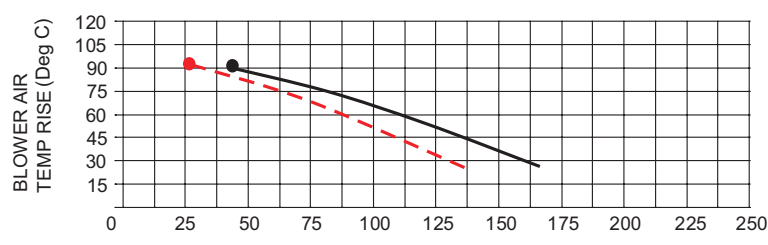
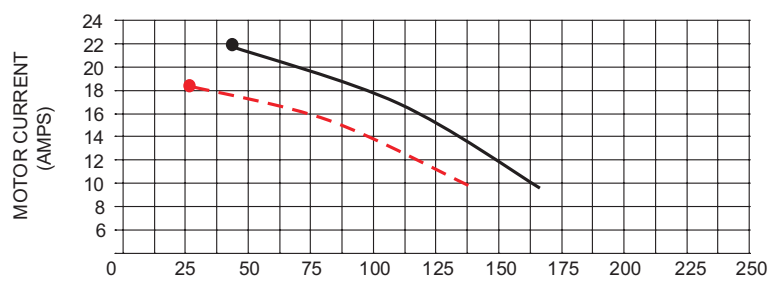
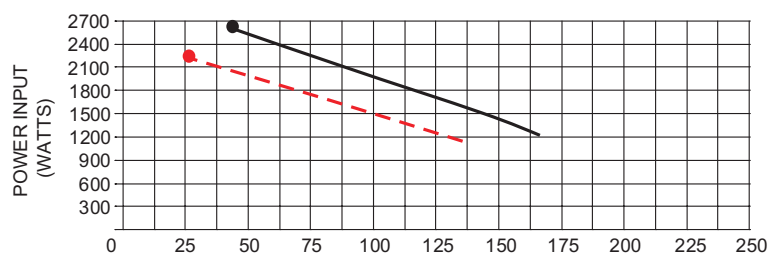
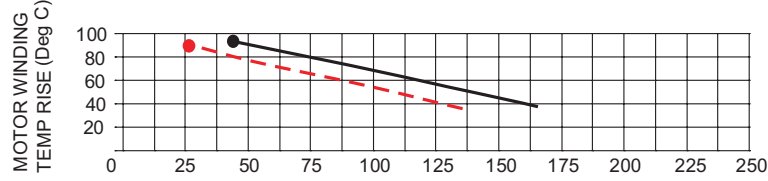
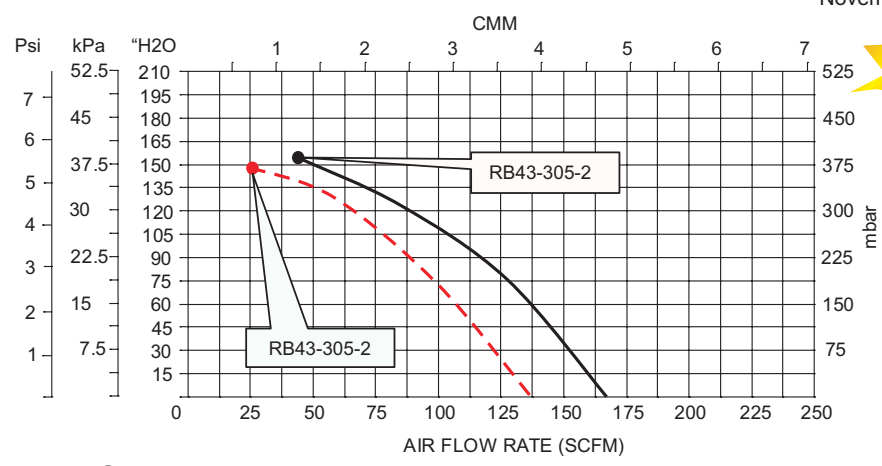
ALL-STAR PRODUCTS INC
Cleveland Ohio Memphis Tennessee

Model RB43 Series, Assembly B
Regenerative Blower/Vacuum Pump

December 30, 2006

The technical data is based on 1 bar (abs.) free atmosphere and 20°C with Inlet air density 1.2kg/m³, ±10 %variance.

November 2006

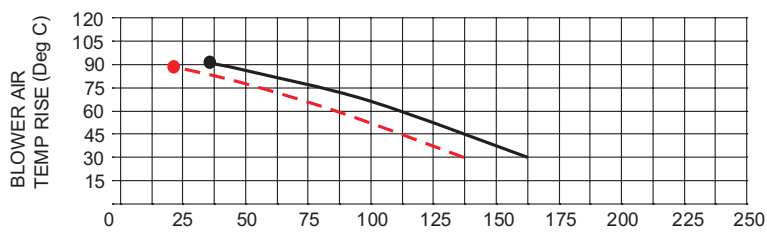
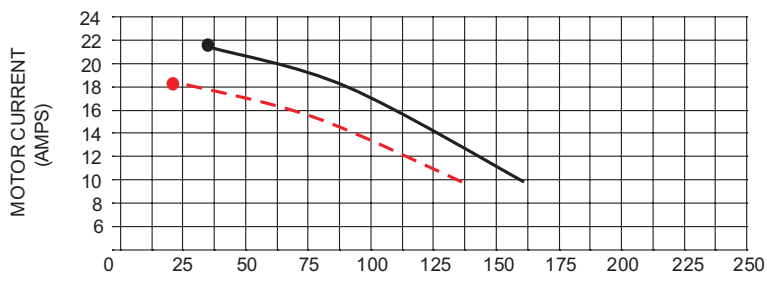
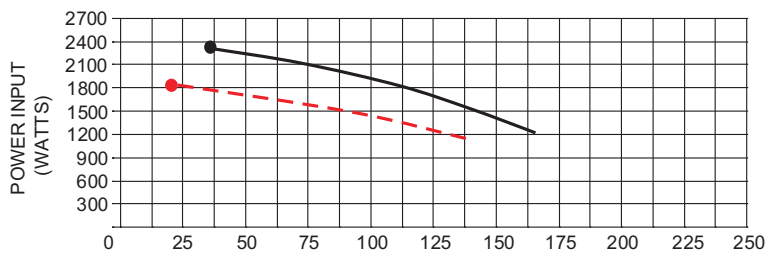
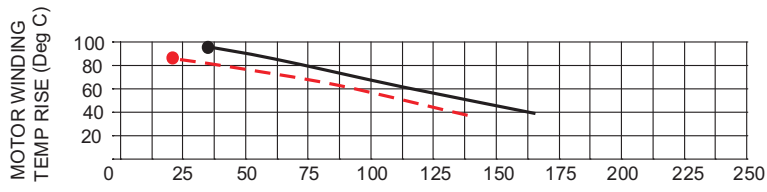
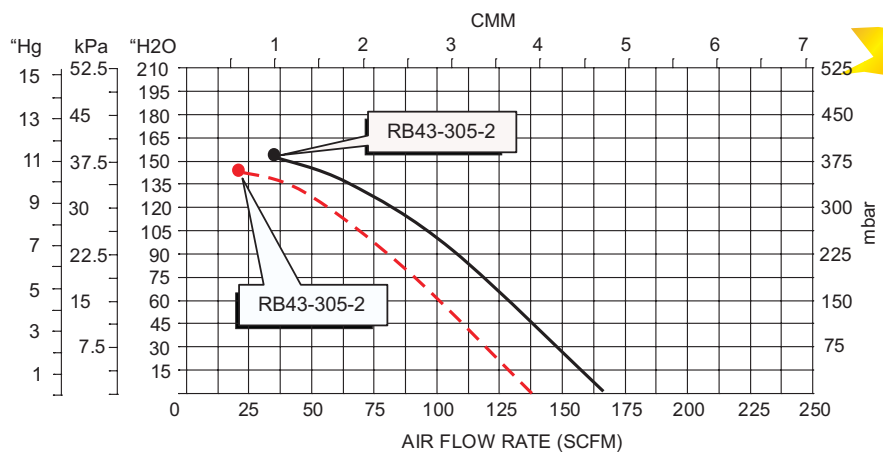


B43 Series - Vacuum - Single Phase

60Hz

The technical data is based on 1 bar (abs.) free atmosphere and 20°C with Inlet air density 1.2kg/m³, ±10 %variance.

November 2006

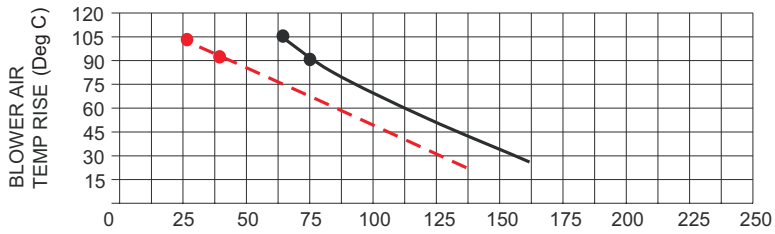
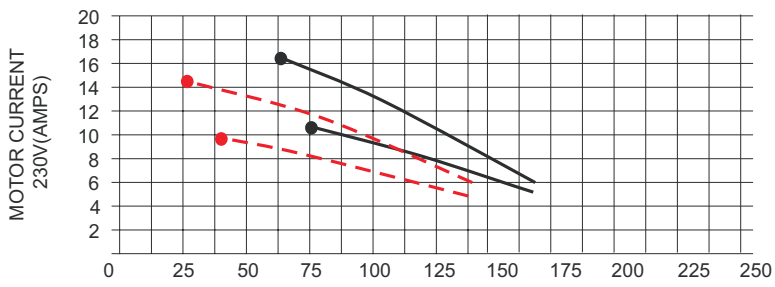
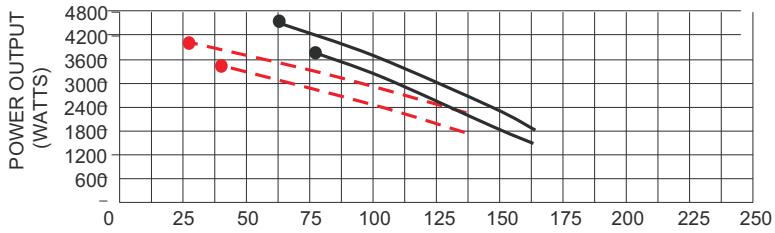
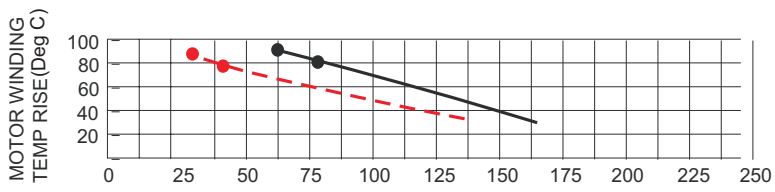
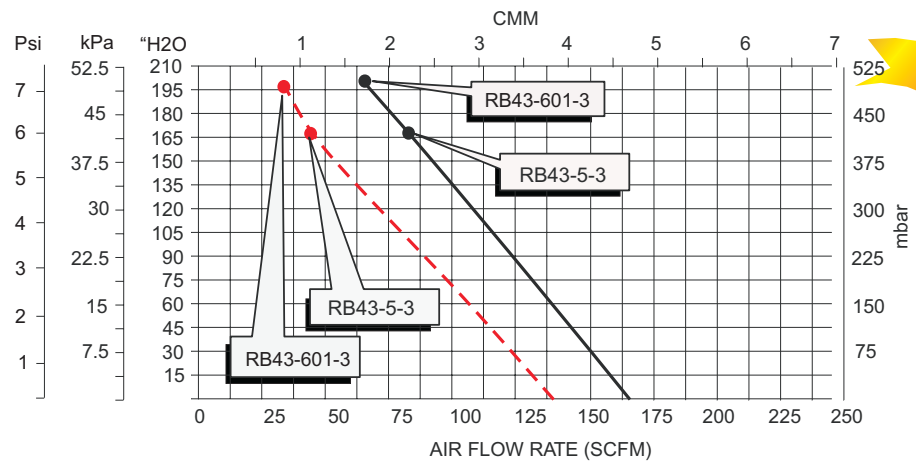


B43 Series - Pressure - Three Phase

60Hz

The technical data is based on 1 bar (abs.) free atmosphere and 20°C with Inlet air density 1.2kg/m³, ±10 %variance.

November 2006



B43 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/m³, ±10 %variance.

November 2006

