

www.airblowerservices.com

1.630.372.9222

ALL STAR™

Regenerative Blowers
Vacuum Pumps

Model	Speed	Hz	HP	kW	SCFM	Pressure mbar	"H2O	Vacuum mbar	"H2O	Noise Level	Net Weight kg	lbs
RB4-105-2	2	60	1.5	1.1	155	147	59	145	58	73 db(A)	20.5	46
RB4-105-3	3	50		.9	127	137	55	145	58	70 db(A)	20.5	46
RB4-2-2	2	60	2	1.5	155	179	72	194	78	73 db(A)	22	48
RB4-2-3	3	50		1.3	127	179	72	194	78	70 db(A)	22	48
RB4-205-2	2	60	2.5	1.9	155	222	89	212	85	73 db(A)	23	51
RB4-205-3	3	50		1.75	127	222	89	217	87	70 db(A)	23	51
RB4-305-3	3	60	3.5	2.6	155	314	126	255	102	73 db(A)	26	57
		50		2.2	127	274	110	230	88	70 DB(A)	26	57

*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
- Phase & voltage
 - 1 = 1/60/115/230 & 1/50/220
 - 2 = 1/60/50/230
 - 3 = 3/60/208-230/460 3/50/220/380

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

RB4-105-3 replaces HB-419
 RB4-2-3 replaces HB-429A
 RB4-205-3 replaces HB-429
 RB4-305-3 replaced HB-439

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

RB4-105-2 replaces HB-429-11
 RB4-2-2 replaces HB-429-12
 RB4-205-2 replaces HB-429-1

REQUIRED ACCESSORIES

NOTE: To obtain blower warranty coverage a pressure relief valve and filter are required.

Pressure Relief Valve RV-01
 Pressure Relief Valve RVA-01

Vacuum Relief Valve RV-01
 Vacuum Relief Valve RVA-01

Pressure Intake Air Filter F31P-200
 Vacuum Air Filter CSL-849-1150HC



RoHS Compliant

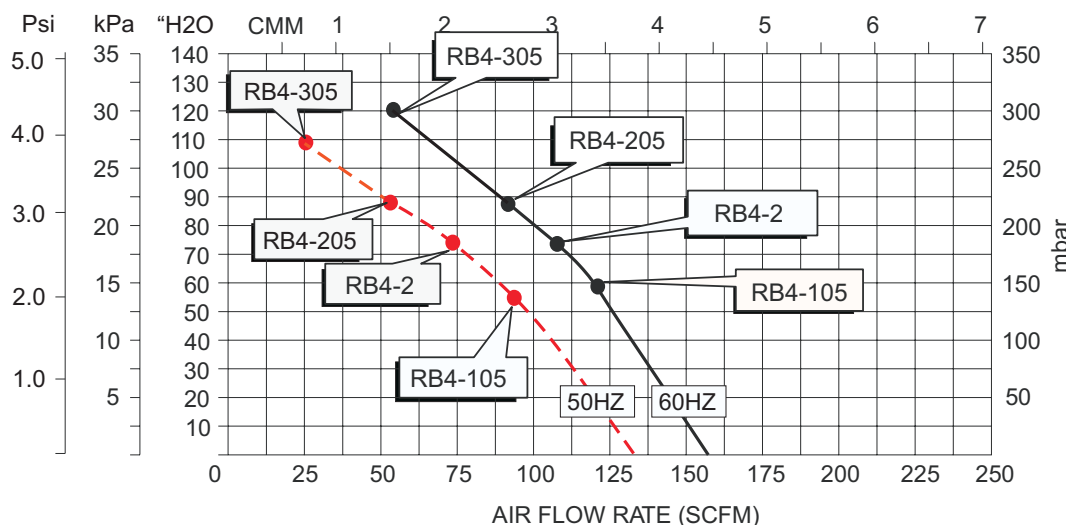
TECHNICAL DATA

[Available online www.all-star-usa.com]

- Performance Temperature Rise Curves
- AutoCad files
- Parts List
- Full Load amperage

PRESSURE DATA CURVES ±10%

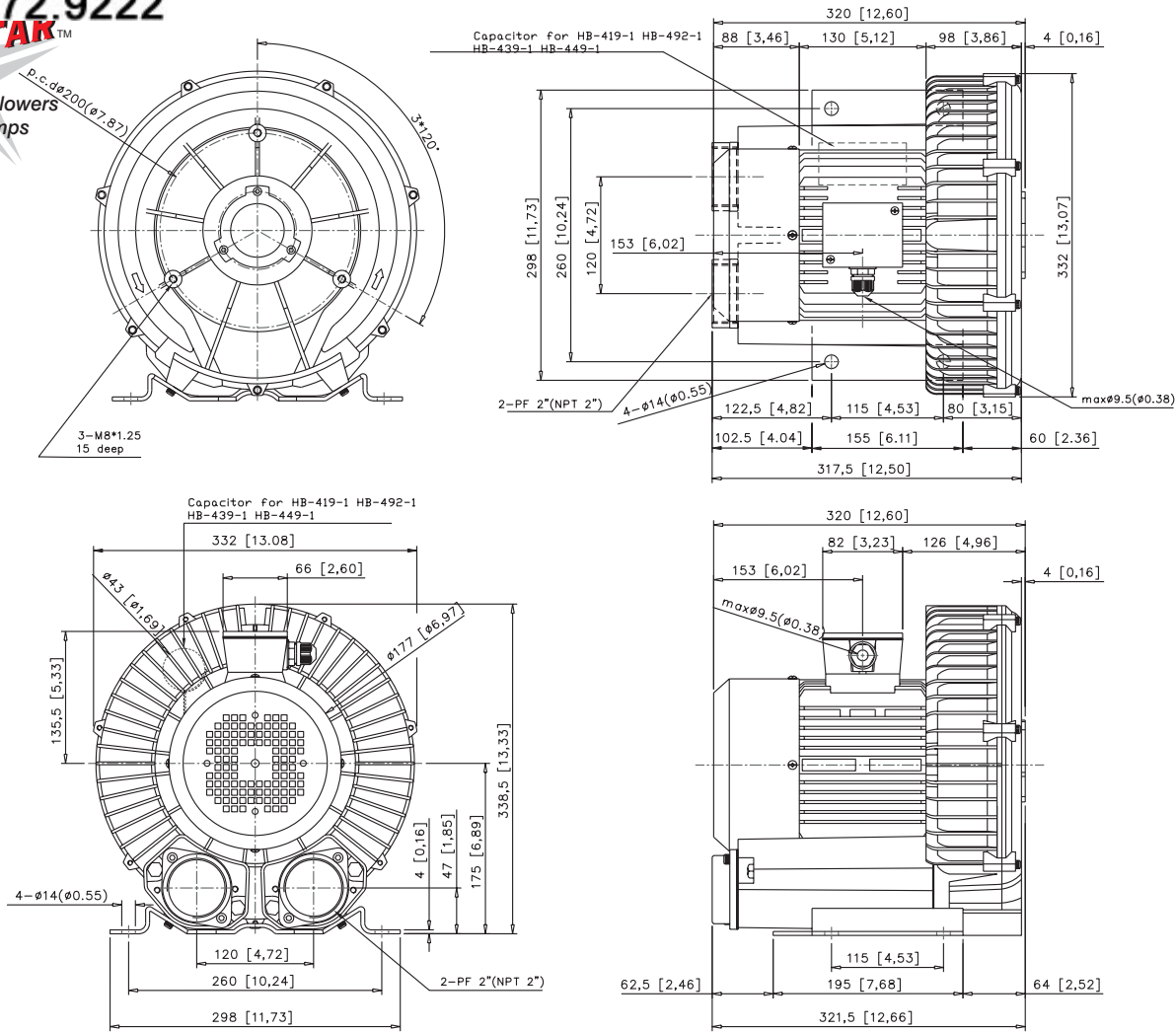
[See reverse side for Vacuum Curves]



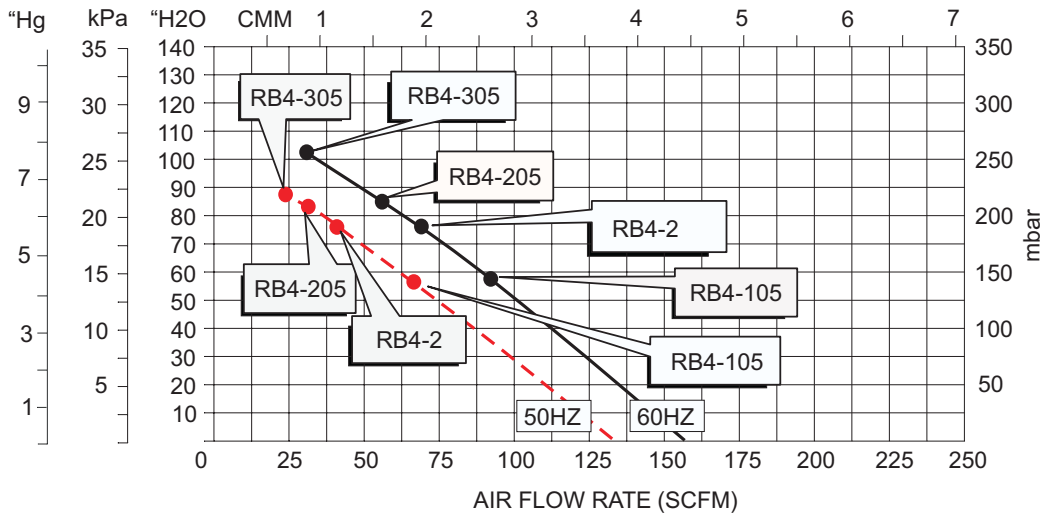
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VACUUM DATA CURVES ± 10%



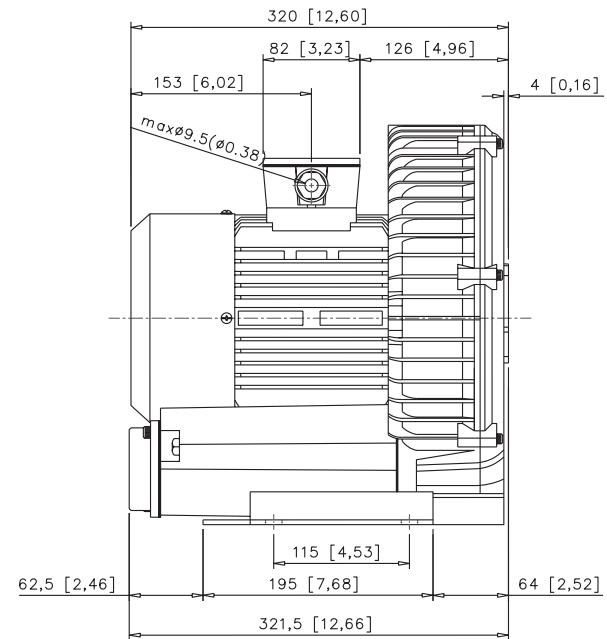
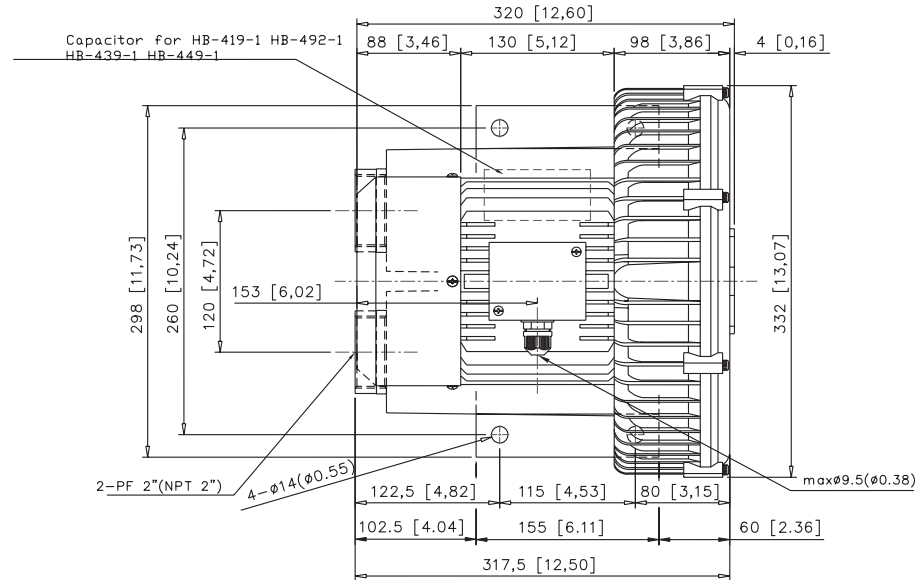
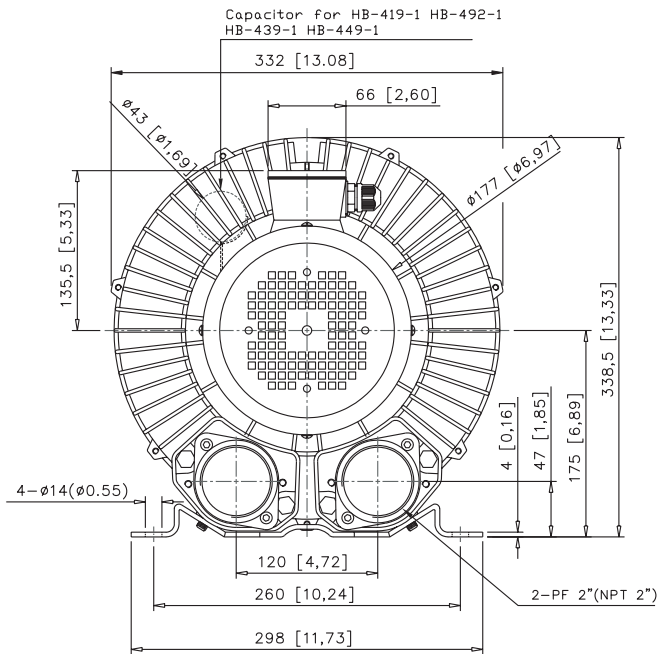
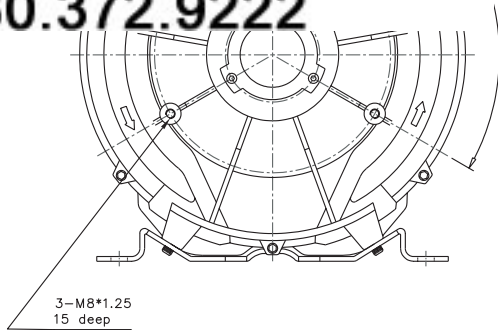
Air

Blower

Services Inc.

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ALL-STAR PRODUCTS INC
Cleveland Ohio Memphis Tennessee

REGENERATIVE BLOWER
Model RB4 Series

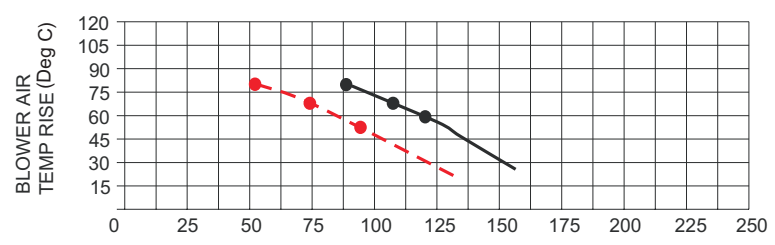
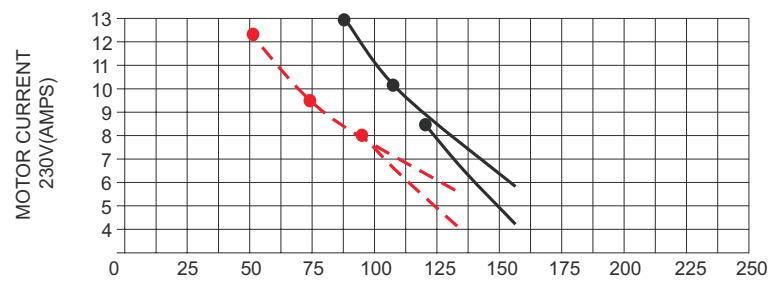
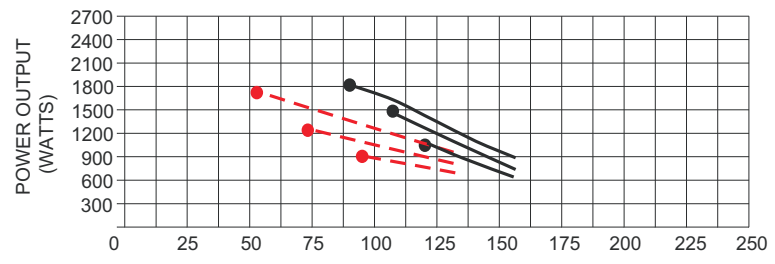
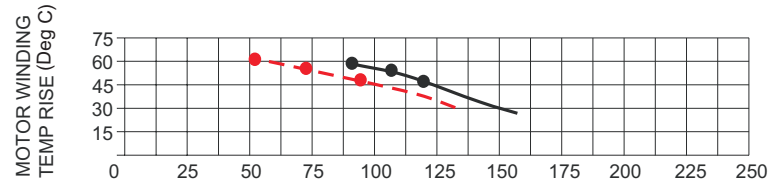
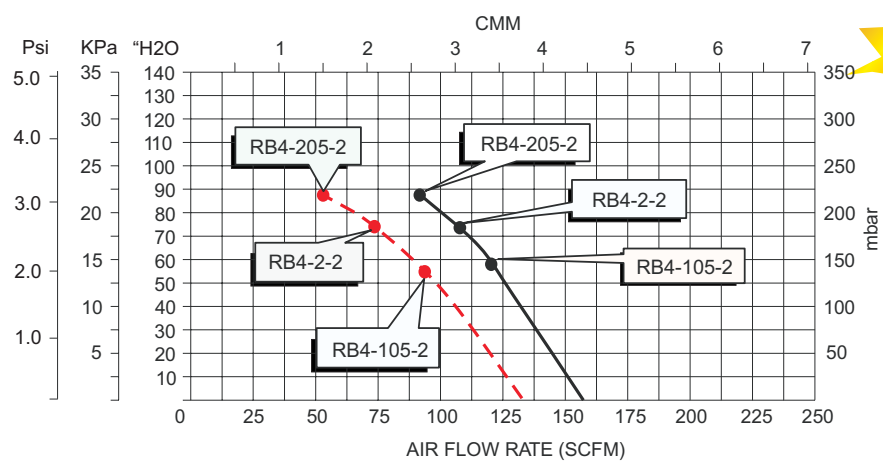
December 30, 2006

B4 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/m³, ±10 %variance.

November 2006

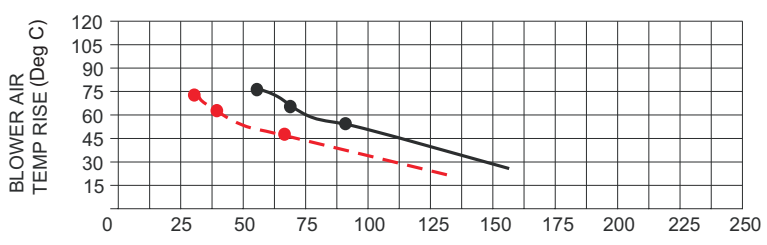
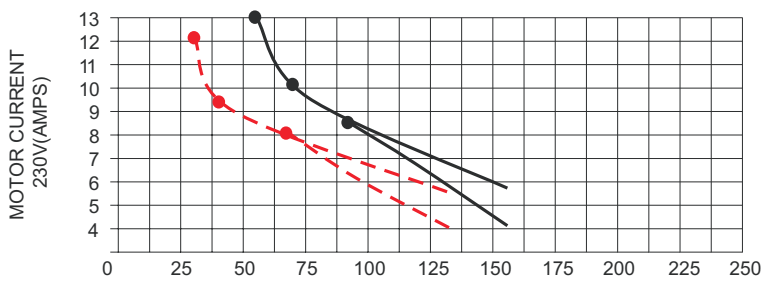
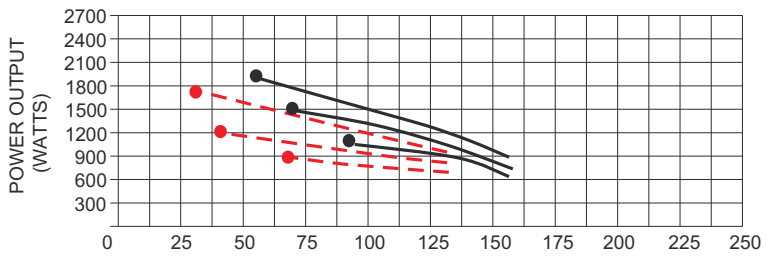
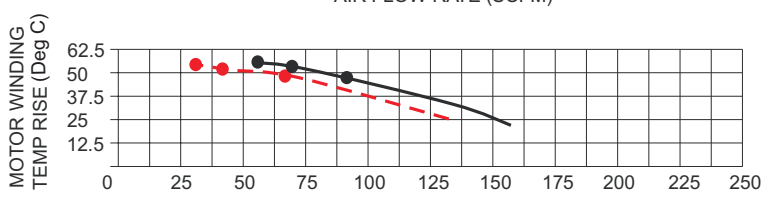
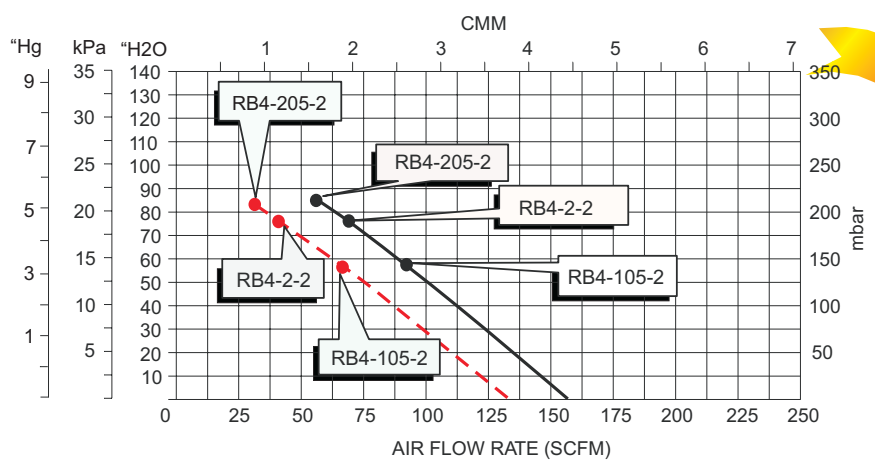


B4 Series - Vacuum - Single Phase

60Hz

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

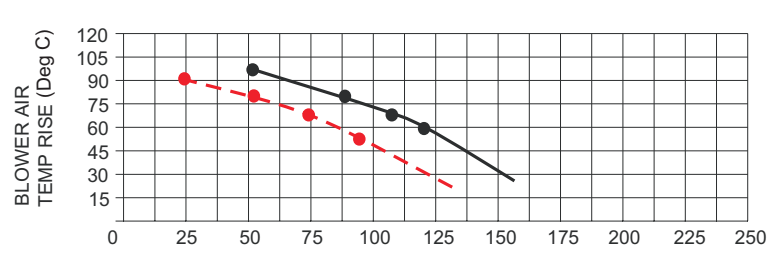
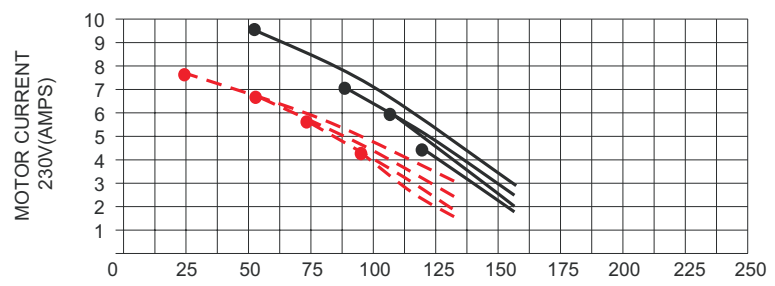
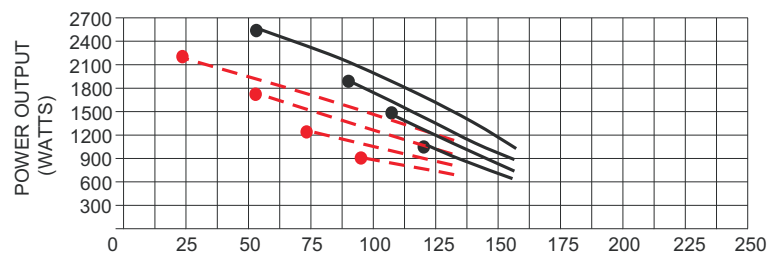
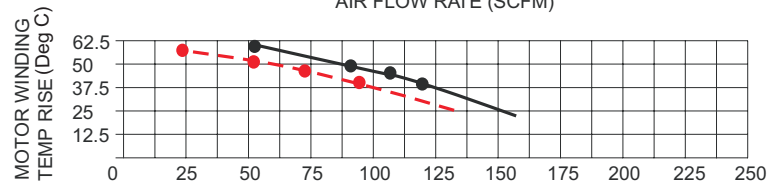
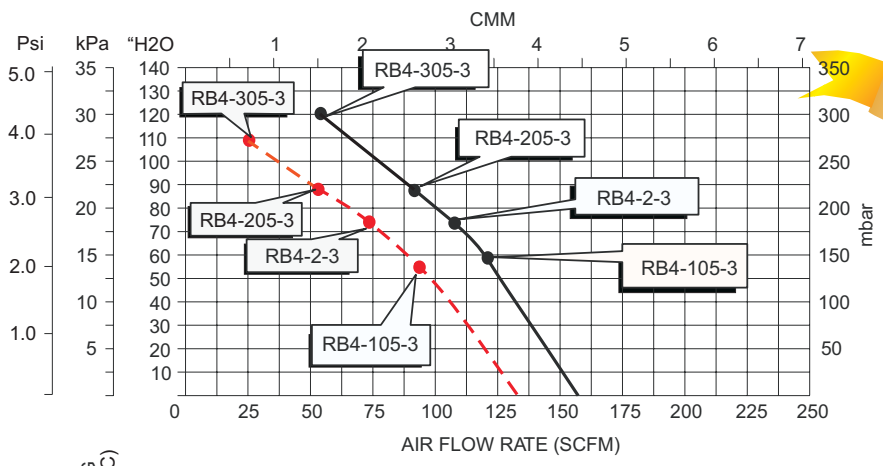
November 2006



RB4 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



B4 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

