



Model	Voltage	Hz	HP	kW	SCFM	Pressure		Vacuum		Noise Level	Net Weight		Percent Eff Pf	
						mbar	"H2O	mbar	"H2O		kg	lbs	Eff	Pf
RBH83-1105-3	3	▶ 60	11.5	8.5	410	320	128	340	137	81 db(A)	112	247	89.5	90.03
			7.5	340	320	128	360	145	77 db(A)	112	247	NR	NR	
RBH83-1705-3	3	▶ 60	17.5	13	410	598	240	456	183	81 db(A)	143	314	WA	WA
			11	340	598	240	423	170	77 db(A)	143	314	NR	NR	
RBH83-25-3	3	▶ 60	25	19	410	790	317	650	261	81 db(A)	160	353	NR	NR
			16	340	700	281	450	181	77 db(A)	160	353	WA	WA	

Refer to curves below for detailed performance data. Performance data and product specifications are subject to change without prior notice. Actual performance may vary by ±10%. Eff = Efficiency PF = Power Factor NR = Not Required \*Efficiency and power factor only apply to 3/60/460 models WA = Will advise

## HIGH EFFICIENCY STANDARDS

Each All-Star blower is now delivering High Efficiency Performance without increased cost or extended deliveries. **How and Why?**



EU IE3 and DOE EISA regulations allow exceptions in their harmonized efficiency standards for certain types of motors. All-Star motors meet the Definite Purpose Partial Motors exceptions, therefore All-Star motors are exempt to these two regulations.

Secondly, All-Star is the only blower company to manufacture their own motors in-house. All-Star three phase motors from 1 to 30 horsepower have been redesigned to high efficiency without increasing your price.



Beside the high efficiency performance, All-Star motors provide major features that extend the life and service above all of our competitors. For example, All-Star motors include Class H motor insulation rated 365° F, power end bearing lubrication is rated 426° F; and the internal seal is rated 500° F - all standard - and without added cost.

For more information, visit All-Star at [www.all-star-usa.com](http://www.all-star-usa.com)

Registered and approved by one or more of these standards agency



**Note: To obtain warranty protection, a properly set relief valve and an air filter must be installed.**

### Features

- 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
- Quite Duty - below OSHA sound level
- High Efficiency Design

### Voltage

- 1 = 1/60/115/230 & 1/50/220
- 2 = 1/60/50/230
- 3 = 3/60/208-230/460 3/50/220/380
- 5 = 3/60/575 available from stock without additional cost

### Recommended Accessories

- Weighted Relief Valve**
- Pressure WRV2-11.5
  - Pressure WRV3-4
  - Vacuum WRV2-19 VAC
  - Vacuum WRV3-7 VAC
- Filter**
- Pressure F-235P-300
  - Pressure F-245P-400
  - Vacuum ST-235P-300C
  - Vacuum ST-235P-400C

