



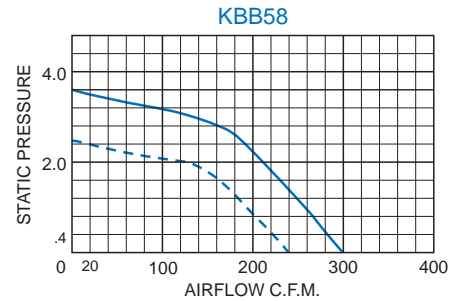
## ACCESSORIES AND OPTIONS

- Airflow Switch
- Automatic Speed Control
- Other voltages and frequencies
- Special external paint finishes
- Special line cord or connectors

## STANDARD FEATURES

- Capacity: 300 CFM
- Designed for mid-range static pressures
- Full performance in any mounting position
- Rugged construction with baked powder finish
- UL/CSA ball bearing motors
- 12-inch [304.8mm] (minimum) power and ground leads
- Accessories and options

## PERFORMANCE GRAPH



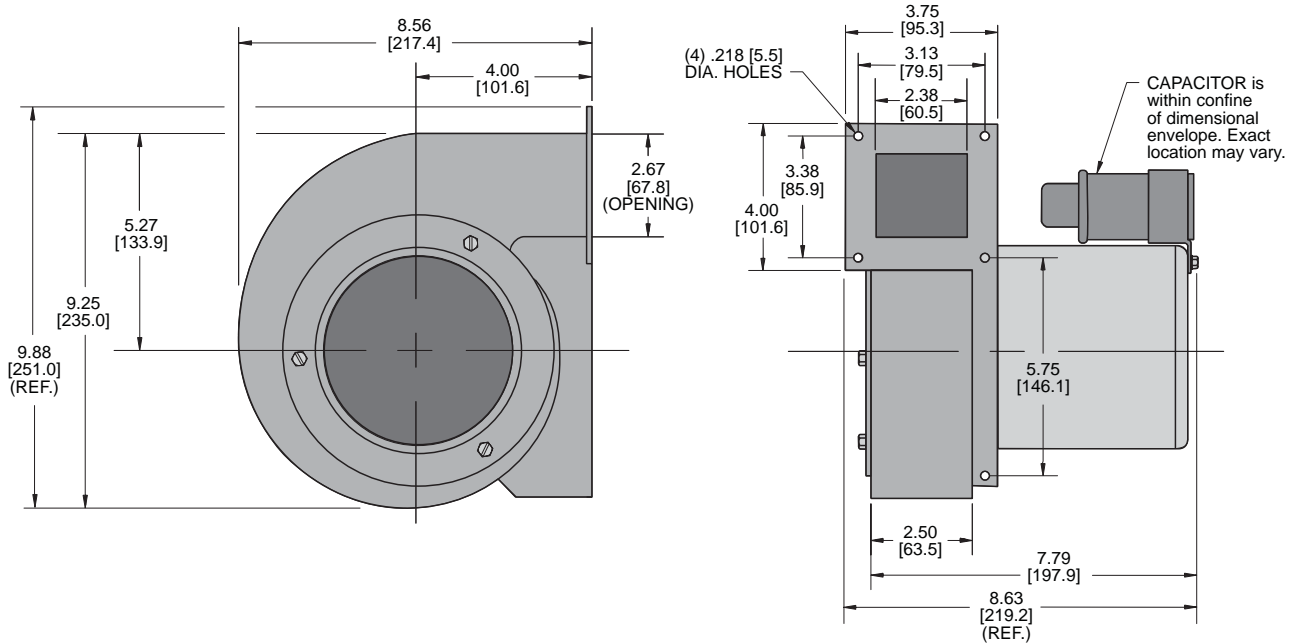
Airflow vs. static pressure curves are shown for 60 Hz and 50 Hz (broken line) inputs. Static pressure is in inches of water.

## TECHNICAL DATA\*

Model	Normally In-Stock	CFM @ 0" S.P.	Cutoff S.P.	RPM Nominal	Amps		Watts	Approximate Weight	
					Run.	L.R.		Lbs.	Kg.
KBB58	Yes	300	3.60	3475	2.9	13.6	290	13	5.9

\* 115V, 60 Hz. operation

## DIMENSIONS inches [metric]



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## DESCRIPTION

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**High Pressure Centrifugal Blowers** fill the performance range between **Single Centrifugal Blowers** and **High Pressure Radial Blowers**. They have been specifically engineered for applications requiring higher airflow against somewhat lower static pressures than **High Pressure Radial Blowers**.

These high pressure blowers are available in a variety of sizes and output capacities, to satisfy many airflow/static pressure requirements. Representative performance: 120 CFM to 430 CFM at 1" [25.4mm] static pressure; 120 CFM to 375 CFM at 2.5" [63.5mm] static pressure.

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## STANDARD FEATURES

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**RUGGED CONSTRUCTION:** Precision-engineered heavy-gauge steel construction insures blowers stand up under tough applications.

**BAKED POWDER FINISH:** Durable, baked-on gray powder finish is standard. Other finishes are available.

**PRECISION BALL-BEARING MOTORS:** All motors, whether permanent split capacitor or shaded pole, are UL/CSA Recognized and include automatic-reset thermal overload protection. Designed for low temperature rise, KOOLTRONIC motors are also cooled by the blowers' intake air, for maximum motor life. All motors meet Federal Specification CC-M-1807A, and include double-sealed or double-shielded precision ball bearings, which meet Federal Specification FF-B-171A. Special permanent lubricants perform over a broad temperature range: -20°F (-28.9°C) to 250°F (121.1°C). Consult KOOLTRONIC for motors designed to meet military or extreme environmental specifications.

**POWER:** 115 VAC or 230 VAC, 50/60 Hz is standard. For multi-phase power, other voltages and frequencies or brushless DC applications, consult KOOLTRONIC. **NOTE:** Some 230 Volt models may not be available or minimum purchases may apply. Contact Kooltronic for information.

**LEADS:** 12" [304.8mm] (minimum) power and ground leads. Special lengths and/or plugs available.

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## ACCESSORIES AND OPTIONS\*

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AIRFLOW SWITCH

OTHER VOLTAGES AND FREQUENCIES

SPECIAL EXTERNAL PAINT FINISHES

SPECIAL LINE CORDS OR CONNECTORS

\*Contact KOOLTRONIC for information.

KOOLTRONIC also designs and manufactures a variety of Blowers to meet *unique* specifications. We invite your inquiries about our modification and custom-design capabilities.