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TECHNOLOGY GROUP

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Find the *Kooltronic KBB63* at our website: *Click HERE*

KBB47 HIGH PRESSURE CENTRIFUGAL BLOWER



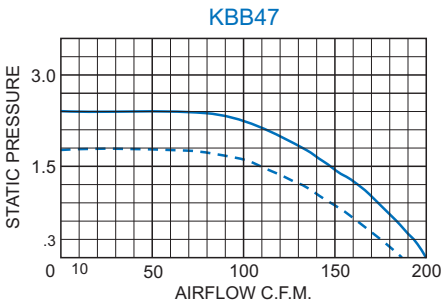
ACCESSORIES AND OPTIONS

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

STANDARD FEATURES

Capacity: 200 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

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*

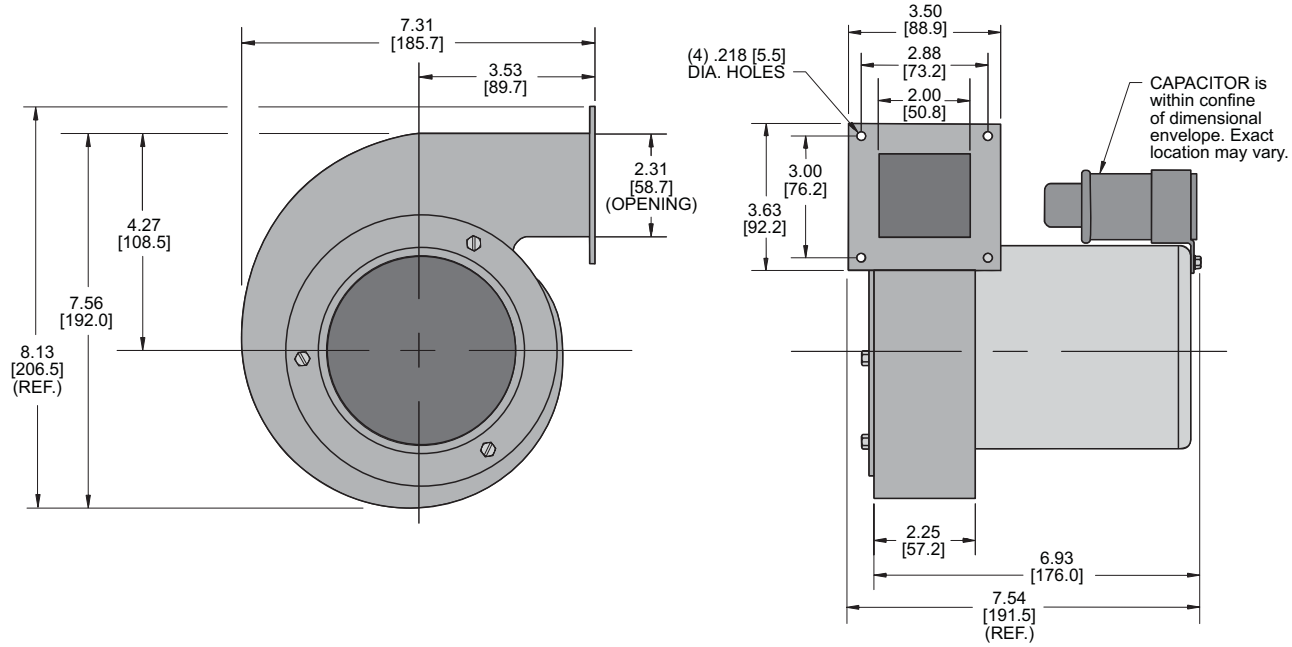
Model	Volts/Hz	CFM @ 0" S.P.	Cutoff S.P.	RPM Nominal	Amps Run.	Amps L.R.	Watts	Approximate Weight Lbs.	Approximate Weight Kg.
KBB47	115/60	200	2.1	3000	1.6	2.4	187	8	3.6
KBB47	115/50	170	1.8	2800	1.3	2.0	138	8	3.6
K2BB47	230/60	200	2.7	3000	0.8	1.1	177	8	3.6
K2BB47	230/50	167	2.0	2800	0.6	1.0	130	8	3.6

* For 230 Volt details, contact factory.

Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.

Technical Documents

DIMENSIONS inches [metric]



Dimensions, inches [mm], are for reference only and subject to change.

kbb47.qxd (10/17/19) (CDR: 20179)

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Tel: (609) 466-3400 Fax: (609) 466-1114 kooltronic.com sales@kooltronic.com

KBB47 HIGH PRESSURE CENTRIFUGAL BLOWER

DESCRIPTION

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.

STANDARD FEATURES

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: -20ºF (-28.9ºC) to 250ºF (121.1ºC). 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.

ACCESSORIES AND OPTIONS*

AIRFLOW SWITCH: Protects equipment against damage caused by loss of cooling airflow by activating an alarm or turning off power. The switch can be mounted on any suitable surface which allows the stainless steel air vane to be placed in the critical airstream. This switch is a single-pole double-throw type, with normally open and normally closed contacts. To order integrated airflow switch add -XX10 to model number. To order as external accessory, see Kooltronic website.

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.

HOW TO ORDER

Specify model number. For 230 VAC details contact Kooltronic for information.

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