

KBWC

Wall-Mount Series

Solid-State

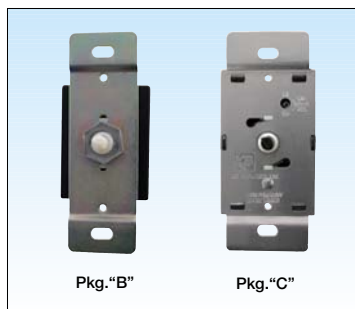
Variable Speed AC Motor Controls

**For Use with Shaded Pole,
Permanent Split Capacitor (PSC)
and Universal Motors**

Ratings: 2.5 thru 15.0 Amps
115 and 230 VAC – 50/60 Hz

TYPICAL APPLICATIONS

- Fans • Fireplace Blowers • Humidifiers • Air Conditioners
- Ceiling Fans • Attic Fans
- Ventilators • Range Hoods



STANDARD FEATURES

- Built-In On/Off AC Line Switch
- Minimum Speed Trimpot
- RFI Filter (Provides RFI and EMI Suppression)
- All Models Mount in a Standard 2" x 4" Electrical Wall Box
- Agency Approvals*
 - UL Listing / Recognition
 - CSA Certified
 - ISO-9001: 2000 QMS Certified

OPTIONAL FEATURES (See Options Table)

- Custom Packaging
- Special Lead Lengths, Colors, and Terminations

DESCRIPTION

The KBWC Series is a comprehensive line of motor speed controls for air-moving applications that utilize Shaded Pole, Permanent Split Capacitor (PSC), and AC/DC motors. These economical speed controls are designed to replace obsolete, tapped winding, or reactive methods of speed control. The full-wave phase control circuitry minimizes power loss, thereby reducing energy requirements. The controls provide infinitely variable speed adjustment which allows the end-user to select the desired level of air volume. These models cover a wide range of current ratings (2.5 - 15 Amps AC) and voltage ratings (115, 230, 277 Volts AC).

Important features, such as RFI Filter, Minimum Speed Trimpot, and built-in On/Off Line Switch are standard. These speed controls are available as bulk packaged or in distributor type packaging with accessories such as: knob, dial plate, mounting hardware, instructions, and individual carton. All models are designed to be mounted into a standard 2" X 4" electrical wall box.

OPTIONS (Add Suffix to Model No.)

Suffix	Description	Example
C	Omits mounting tabs (KBWC-16 only).	KBWC-16C
F	Adds Built-In Fuse (not available for Model KBWC-23NS).	KBWC-15F
K	Mounting Kit: Includes individual packaging with dial plate, knob, mounting screws, wire connectors, and instructions. Supplied standard on all models rated 8 Amps and above.	KBWC-15K
L	Adds auxiliary lead (3-wire control).	KBWC-15L
4L	Adds DPDT On/Off Switch (4-wire control) (Model KBWC-25 only).	KBWC-25 (4L)
NS	Omits On/Off Switch.	KBWC-15NS
R	Reverses control output from standard rotation. Standard: Controls with On/Off Switch – Off to High to Low. Controls without On/Off Switch (suffix "NS") – Low to High.	KBWC-15R

Note: *See Electrical Ratings table for agency approvals by Model No.