

# Air-King®

## Ventilation Products

### SPECIFICATIONS

# AK100L

### CEILING EXHAUST FAN

**100 CFM/2.5 SONES @ 0.10" WG. -HVI CERTIFIED**  
**120 Volts, 1.5 amps, 60 hz.**

➤ **GRILL**

White, polymeric grill secured in place with torsion springs; easily removed if necessary, dimensions - 11"x13<sup>3</sup>/<sub>4</sub>".

➤ **LIGHT LENS**

Moonstone glass lens, secured in position using 4 clip-on tabs.

➤ **LIGHT HOUSING**

Heavy gauge cold rolled steel c/w baked enamel finish; locks in place on the housing with 4 screws.

➤ **BLOWER WHEEL**

One piece polymeric wheel, 5<sup>3</sup>/<sub>4</sub>" diameter, 2<sup>1</sup>/<sub>2</sub>" wide, with 33 fins.

➤ **MOTOR**

Heavy duty, plug-in, 4 pole motor, life time lubrication, thermally protected. Rated 120 volts, 60 hz., 0.80 amps.

➤ **FAN HOUSING**

23 gauge galvanized steel housing, dimensions 11<sup>3</sup>/<sub>8</sub>"x9<sup>3</sup>/<sub>8</sub>"x8<sup>3</sup>/<sub>8</sub>".

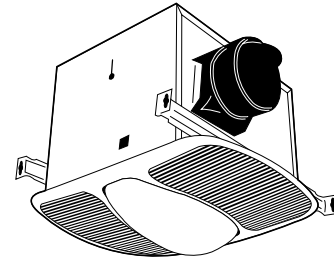
➤ **DUCT COLLAR**

Plastic collar for 4" duct connection, comes complete with built in non-metallic back draft damper for quiet operation.

➤ **LAMPING INFORMATION**

Main lighting: 100 watt maximum, Type A19, Medium Base, 1580 Design Lumens.

Night lighting: 7 watt maximum, Type C7, Candelabra Base, 45 Design Lumens.



Acceptable for use over tub or shower when installed in a GFCI protected branch circuit.

➤ **UNIT MOUNTING**

Rated Type IC for ceilings insulated to R-40. Designed to mount in ceilings with at least 8" of clearance. The unit has two mounting options **1.** directly to the joist using 2 large key hole slots. **2.** centered between joists (with 16" centers) using hanging brackets. The housing will mount through drywall thickness up to 3/4", with a rough-in opening of 11<sup>1</sup>/<sub>2</sub>" x 9<sup>3</sup>/<sub>4</sub>".

➤ **VENTILATED AREA**

For bathrooms up to 100 sq. ft. for other rooms up to 125 sq. ft.

➤ **SINGLE PACK SHIPPING INFO**

HVI PERFORMANCE									
Static pressure (inches of w.g.)	0	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
CFM	123	111	102	87	83	73	60	29	10
RPM	1165	1168	1191	1232	1267	1310	1351	1376	1402
*WATTS	158	157	155	154	153	151	150	149	137

\*wattage readings include 1-100 watt bulb, for fan only wattage minus 100 watts

Air-King bathroom fans are tested by the Air Movement and Control Association (AMCA) in accordance with HVI test standard 916, (Air Flow Test Standard) and HVI test standard 915 (Procedure For Loudness Rating Of Residential Fan Products). The Performance results are certified and verified by the Home Ventilating Institute (HVI).