# Air King Ventilation Products®

SPECIFICATIONS

# AK90

CEILING EXHAUST FAN

## 90 CFM/1.5 SONES @ 0.10" WG. -HVI CERTIFIED
## 120 Volts, 0.30 amps, 60 hz.

➤ **GRILL**
White, polymeric grill secured in place with torsion springs; easily removed if necessary, dimensions - 11"x13¾".

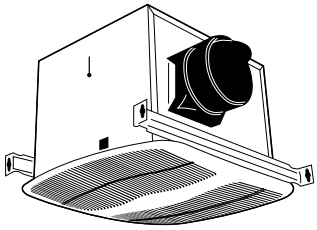
➤ **BLOWER WHEEL**
One piece polymeric centrifugal blower wheel, 5.22" diameter, 2.90" wide, with 30 paddles.

➤ **MOTOR**
Heavy duty, permanently split capacitor 4 pole motor. Life time lubrication, thermally protected. 120 volts, 0.30 amps.

➤ **FAN HOUSING**
23 gauge galvanized steel housing, dimensions 11⅜"x9⅝"x7⅞".

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

➤ **VENTILATED AREA**
For bathrooms up to 90 sq. ft.
for other rooms up to 115 sq. ft.



***UL/CUL/HVI***

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

➤ **UNIT MOUNTING**
Rated 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 ¾", with a rough-in opening of 11½"x9¾".

➤ **SINGLE PACK SHIPPING INFO**
➤ Box Dim 14⅛"x11⅝"x9⅝" ➤ UPC 0-8316229001-4
➤ Shipping Weight - 10 lbs.

**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* | 100 | 95 | 92 | 87 | 85 | 80 | 74 | 49 | 13 |
| *RPM* | 940 | 980 | 1018 | 1110 | 1180 | 1250 | 1320 | 1385 | 1600 |
| *WATTS* | 27.4 | 27 | 25 | 24 | 24 | 23 | 23 | 22 | 21.2 |

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).

| | | | |
|---|---|---|---|
| PROJECT | | ARCHITECT | |
| LOCATION | | ENGINEER | |
| CONTRACTOR | | SUBMITTED BY | DATE |

| FAN NUMBER | MODEL NUMBER | CFM | IN W.C. | RPM | WATTS | AMPS | SONES | QTY | OPTIONAL EQUIPMENT & REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

TESTED/CERTIFIED 2100 HVI® Home Ventilating Institute DIVISION OF AMCA