

# Air King<sup>®</sup>

## Ventilation Products

SPECIFICATIONS

# AK300LS

EXHAUST FAN

310 CFM/3.5 SONES @ 0.10" S.P. • 290 CFM/3.5 SONES @ 0.25" S.P.  
 HVI CERTIFIED • 120 Volts, 60 Hz, 0.75 Amps

➤ **FAN HOUSING**

23 gauge galvanized steel housing. Overall dimensions 12<sup>7</sup>/<sub>8</sub>" x 12<sup>3</sup>/<sub>4</sub>" x 9<sup>7</sup>/<sub>8</sub>" depth

➤ **MOTOR**

Enclosed 4 pole, electronically balanced, permanently split capacitor (PSC); thermally protected and lifetime lubricated. Motor bearings – sleeve. Rated 115/120 Volts, 60 Hz, 0.75 amps

➤ **BLOWER WHEEL**

Balanced polymeric dual inlet blower wheel. 6" dia. x 5<sup>3</sup>/<sub>8</sub>" depth. 59 paddles, secured in place using 8 M hex nut.

➤ **GRILL**

White, polymeric grill secured in place with torsion springs; easily removed if necessary. Dimensions: 19<sup>3</sup>/<sub>4</sub>" x 15<sup>1</sup>/<sub>2</sub>".

➤ **DUCT COLLAR**

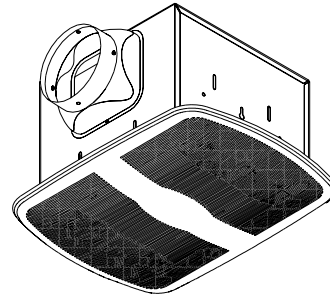
6" round, zinc-plated metal collar adapter. 6" spring-loaded, aluminum backdraft damper.

➤ **VENTILATED AREA**

For bathrooms up to 310 sq. ft.  
 For other rooms up to 385 sq. ft.

➤ **ELECTRICAL CONNECTIONS**

1/2" electrical knockouts provided. Easy wiring access via either internal or external wiring compartment cover.



## 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. Using 2 provided housing mounting brackets, the fan will mount either between 16" on center joists, or, with the installation of a header, between 24" on center joists. As well, the provided housing mounting brackets can be adapted for overhead mounting (hardware not provided). The unit is provided with an optionally installed ceiling flange to ensure proper building infiltration rates are maintained and that no air leaks occur between the fan housing and ceiling cutout.

➤ **SINGLE PACK SHIPPING INFO**

➤ Box Dim 20" x 15<sup>15</sup>/<sub>16</sub>" x 11<sup>3</sup>/<sub>8</sub>" ➤ UPC 0-8316223002-7  
 ➤ Shipping Weight - 17 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	320	315	310	304	299	290	285	275	260
RPM	1119	1130	1192	1209	1260	1375	1410	1460	1499
*WATTS	81	80	79	78	78	78	75	73	73

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).

<b>PROJECT</b>							<b>ARCHITECT</b>			
<b>LOCATION</b>							<b>ENGINEER</b>			
<b>CONTRACTOR</b>							<b>SUBMITTED BY</b>			<b>DATE</b>
FAN NUMBER	MODEL NUMBER	CFM	IN W.C.	RPM	WATTS	AMPS	SONES	QTY	OPTIONAL EQUIPMENT & REMARKS	



U.S.: 820 Lincoln Avenue  
 West Chester, Pennsylvania 19380-4466  
 Tel: (610) 692-7400 • 1-877-304-3785  
 Fax: (610) 696-8048

Canada: 110 Glidden Road  
 Brampton, Ontario L6T 2J3  
 Tel: (905) 456-2033  
 Fax: (905) 456-1015