

# Air King<sup>®</sup>

## Ventilation Products

### SPECIFICATIONS

# AK80LS-1

### EXHAUST FANS

**80 CFM/1.0 SONES @ 0.10" wg.**  
**HVI CERTIFIED 120 Volts, 0.20 amps, 60 hz.**

• **Grill**

White, polymeric grill secured in place with torsion springs; easily removed if necessary, dimensions - 11" x 13<sup>3</sup>/<sub>4</sub>".

• **Blower Wheel**

One piece polymeric centrifugal blower wheel, 5<sup>7</sup>/<sub>32</sub>" diameter, 2<sup>29</sup>/<sub>32</sub>" wide, with 30 paddles.

• **Motor**

Heavy duty, permanently split capacitor, plug-in, 4 pole motor, life time lubrication, suitable for continuous operation. Rated 120 volts, 60 hz., 0.20 amps.

• **Fan Housing**

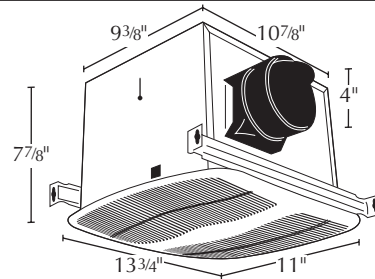
23 gauge galvanized steel housing. Dimensions: 10<sup>7</sup>/<sub>8</sub>" x 9<sup>3</sup>/<sub>8</sub>" x 7<sup>7</sup>/<sub>8</sub>".

• **Duct Collar**

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

• **Ventilating Area**

For bathrooms up to 80 sq. ft. For other rooms up to 100 sq. ft.



## CUL/HVI

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

• **Unit Mounting**

The housing will mount in ceilings with at least 8" of clearance and through drywall thickness up to 3/4", with a rough-in opening of 11<sup>1</sup>/<sub>8</sub>" x 9<sup>5</sup>/<sub>8</sub>". Rated for ceilings insulated to R-40. The housing will mount either between 16" or 24" on center joists, using the 4 supplied housing mounting rails. The housing mounting rails can be adapted for overhead mounting (hardware not provided).

• **Single Pack Shipping Info**

Box Dim: 14<sup>1</sup>/<sub>8</sub>" x 11<sup>5</sup>/<sub>8</sub>" x 9<sup>5</sup>/<sub>8</sub>"  
 UPC: 0-8316228002-2  
 Shipping Weight: 11.5 lbs.

### PERFORMANCE

	Static Pressure (inches of w.g.)								HVI Sones @ .1 SP	Fan Speed RPM	Power Watts
	0	0.05	0.1	0.125	0.15	0.2	0.25	0.3			
<b>Air Flow - CFM</b>	87	83	80	78	77	72	64	53	1.0	975	25.3

<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.G.	RPM	WATTS	AMPS	SONES	QTY	OPTIONAL EQUIPMENT & REMARKS		



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