



SPECIFICATIONS  
**AK100D**  
 DUAL SPEED EXHAUST FANS



**100 CFM/2.0 Sones @ 0.10" SP.**  
**83 CFM @ 0.25 SP.**  
**50 CFM/0.4 Sones @ 0.10"**

• **Grill**

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

• **Blower Wheel**

Balanced polymeric dual inlet blower wheel 5 1/2" diameter x 4" depth, 30 paddles, secured in place using 8M hex nut.

• **Motor**

Enclosed 4 pole electronically balanced permanently split capacitor motor (PSC); life time lubricated. Motor bearings - ball. Suitable for continuous operation. Rated 115/120 volts, 60 Hz.

• **Fan Housing**

23 gauge galvanized steel housing, fully sealed.  
 Dimensions: 10 7/8" x 9 3/8" x 7 7/8".

• **Duct Collar**

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

• **Ventilating Area**

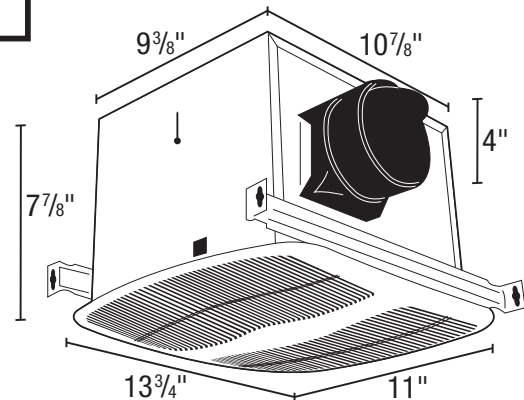
For bathrooms up to 100 sq. ft. For other rooms up to 125 sq. ft.

• **Electrical Connections**

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

• **Single Pack Shipping Info**

Box Dim Box Dim: 16" x 14 3/8" x 9 7/8"  
 UPC: 0-8316294084-1  
 Shipping Weight: 12 lbs.



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" x 9 1/2". 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).

**EXPANDED PERFORMANCE**

Air Flow - CFM	Static Pressure (inches of w.g.)							Sones @ .1 SP	Fan Speed RPM	Maximum Fan Watts	Amps
	0	0.1	0.125	0.15	0.2	0.25	0.3				
High Speed	104	100	99	98	95	83	71	2.0	1106	26.4	0.31
Low Speed	54	50	48	47	41	30	17	0.4			

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



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