



# SPECIFICATIONS

## AK50S

### EXHAUST FAN



**50 CFM/0.5 Sones @ 0.10" SP.**  
**40 CFM @ 0.25 SP.**

#### • **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.

#### • **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**

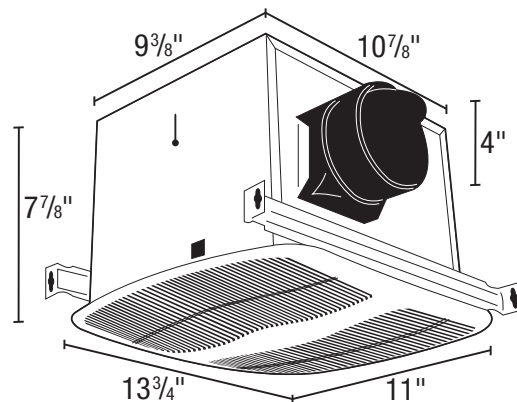
For bathrooms up to 50 sq. ft. For other rooms up to 60 sq. ft.

#### • **Electrical Connections**

1/2" electrical knockouts provided.

#### • **Single Pack Shipping Info**

Box Dim Box Dim: 16" x 14<sup>3</sup>/<sub>8</sub>" x 9<sup>7</sup>/<sub>8</sub>"  
 UPC: 0-8316225321-7  
 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<sup>1</sup>/<sub>2</sub>". 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

	Static Pressure (inches of w.g.)							Sones @ .1 SP	Fan Speed RPM	Maximum Fan Watts	Amps
	0	0.05	0.1	0.2	0.25	0.3	0.35				
<b>Air Flow - CFM</b>	57	54	50	44	40	35	27	0.5	870	14.5	0.2

<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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