



# SPECIFICATIONS

## AK80H

### EXHAUST FAN



**80 CFM/1.0 Sones @ 0.10" SP.**  
**68 CFM @ 0.25 SP.**

#### • **Grill**

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

#### • **Blower Wheel**

One piece polymeric centrifugal blower wheel, 5 7/32" diameter, 2 29/32" 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 7/8" x 9 3/8" x 7 7/8".

#### • **Humidity Sensor**

Integrated humidity sensor automatically turns fan on until the desired humidity level is reached. Humidity set points up to 80%.

#### • **Duct Collar**

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

#### • **Ventilating Area**

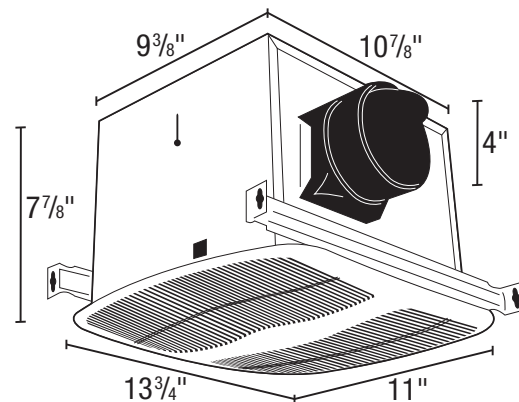
For bathrooms up to 80 sq. ft. For other rooms up to 100 sq. ft.

#### • **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: 0-8316294033-9  
 Shipping Weight: 12.3 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

|                       | Static Pressure (inches of w.g.) |      |     |       |      |     |      | Sones<br>@ .1 SP | Fan Speed<br>RPM | Maximum<br>Fan Watts | Amps |
|-----------------------|----------------------------------|------|-----|-------|------|-----|------|------------------|------------------|----------------------|------|
|                       | 0                                | 0.05 | 0.1 | 0.125 | 0.15 | 0.2 | 0.25 |                  |                  |                      |      |
| <b>Air Flow - CFM</b> | 87                               | 83   | 80  | 78    | 77   | 72  | 68   | 1.0              | 975              | 28.1                 | 0.3  |

|                   |                     |            |                |            |              |             |                     |            |                                         |             |  |
|-------------------|---------------------|------------|----------------|------------|--------------|-------------|---------------------|------------|-----------------------------------------|-------------|--|
| <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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