



# SPECIFICATIONS

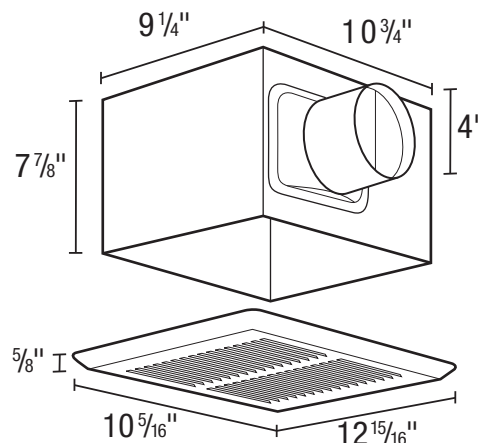
## FR80H

### EXHAUST FAN



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

- **Grill**  
Cold rolled steel, powder coated white.
  - **Blower Wheel**  
One piece polymeric centrifugal blower wheel, 5 1/4" diameter, 2 7/8" wide, with 30 paddles.
  - **Motor**  
Heavy duty, permanently split capacitor, 4 pole motor, life time lubrication, thermally protected, suitable for continuous operation. Rated 120 volts.  
**Contractor Pack (Motor/Blade/Grill) Model: FAK80TRH\***
  - **Fan Housing**  
24 gauge galvanized steel housing, dimensions 10 3/4" x 9 1/4" x 7 7/8".  
**Contractor Pack Model: AKFH2H\***
  - **Humidity Sensor**  
Integrated humidity sensor automatically turns fan on until the desired humidity level is reached. Humidity set points up to 80%.
  - **Duct Collar**  
Metal collar for 4" duct connection, comes complete with built in back draft damper.
  - **Optional Damper**  
**Blanket** - Non-asbestos, ceramic blanket  
**Fusible Link** - Replaceable, 165°F standard  
**Classification** - CUL Listed 555C and 263. California State Marshall classification for 3 hour fire damper rating. California State Marshall listing number 3226-1722:0110.  
**Contractor Pack Model: AKFD2R\***
- \* Sold in packs of 4. All three parts (housing, damper, motor/blade/grill) must be purchased and used together to make a complete unit.



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



- **Unit Mounting**  
FR80H is centered between joists (with 16" centers) using hanging brackets. The housing will mount through drywall thickness up to 3/4", with a rough-in opening of 10 7/8" x 9 3/8".
- **Ventilating Area**  
For bathrooms up to 80 sq. ft. For other rooms up to 100 sq. ft.

#### EXPANDED PERFORMANCE

	Static Pressure (inches of w.g.)							Sones @ .1 SP	Fan Speed RPM	Maximum Fan Watts	Amps
	0	0.05	0.1	0.125	0.15	0.2	0.25				
<b>Air Flow - CFM</b>	89	84	80*	78	75	70	68*	1.0*	1250	28.1*	0.30

\* HVI Certified performance

<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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