Air King Ventilation Products®

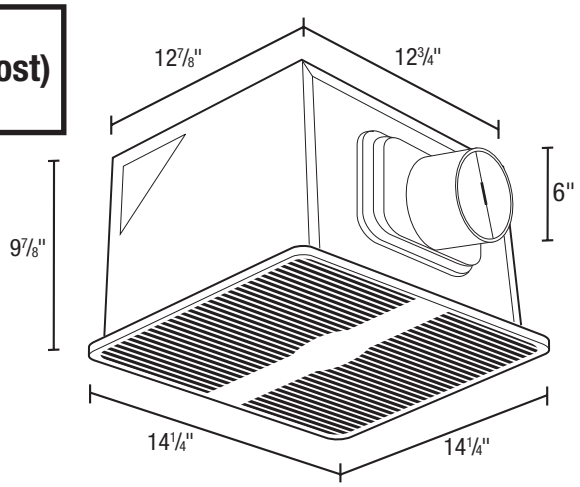
SPECIFICATIONS

E80SH

EXHAUST FAN

HVI 2100 CERTIFIED

80 CFM/<0.3 Sones @ 0.10" SP.
110 CFM/0.7 Sones @ 0.10" SP. (Boost)
84 CFM @ 0.25 SP. (Boost)



- **Grill**
  White, polymeric grill secured in place with torsion springs; easily removed if necessary, dimensions - 14 7/16" x 14 7/16".
- **Blower Wheel**
  Balanced polymeric dual inlet blower wheel secured in place using a hex nut.
- **Motor**
  Enclosed 4 pole high efficiency, permanently split capacitor motor (PSC); life time lubrication, suitable for continuous operation. Motor bearings - ball. Rated 115/120 volts, 60 Hz.
- **Fan Housing**
  23 gauge galvanized steel housing.
  Overall dimensions: 12 7/8"x 12 3/4"x 9 7/8".
- **Humidity Sensor**
  Integrated humidity sensor automatically turns fan on until the desired humidity level is reached.
- **Duct Collar**
  6" round, zinc plated metal collar adapter. Gasketed, spring loaded aluminum backdraft damper.
- **Electrical Connections**
  1/2" electrical knockouts provided. Easy wiring access via either internal or external wiring compartment cover.
- **Single Pack Shipping Info**
  Box Dim: 20" x 15 7/8" x 11 3/8"
  UPC: 0-8316294128-2
  Shipping Weight: 14.5 lbs.

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

COMPLIES WITH ASHRAE 62.2 VENTILATION STANDARDS

CAN BE USED TO COMPLY WITH TITLE 24 VENTILATION REQUIREMENTS

CALGreen

- **Unit Mounting**
  The housing will mount through drywall thickness up to 3/4", with a rough-in opening of 13" x 12 7/8". The housing will mount either between 16" or 24" on center joists, using the 2 supplied housing mounting brackets. The housing mounting brackets can be adapted for overhead mounting (hardware not provided).

EXPANDED PERFORMANCE

	Static Pressure (inches of w.g.)						*Sones @ .1 SP*	*Fan Speed RPM*	*Maximum Power Watts*	*Amps*
	0	0.05	0.1	0.15	0.20	0.25*				
Air Flow - CFM	111	95	80	67	53	31/84	<0.3	760	37.0	0.3

* Boost speed provides 84 CFM @ .25 Static Pressure, 0.7 sones

PROJECT		**ARCHITECT**	
LOCATION		**ENGINEER**	
CONTRACTOR		**SUBMITTED BY**	**DATE**

FAN NUMBER	MODEL NUMBER	CFM	IN W.G.	RPM	WATTS	AMPS	SONES	QTY	OPTIONAL EQUIPMENT & REMARKS

c ETL us LISTED Intertek

ENERGY STAR

MEETS BUY AMERICA REQUIREMENTS OF ARRA

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