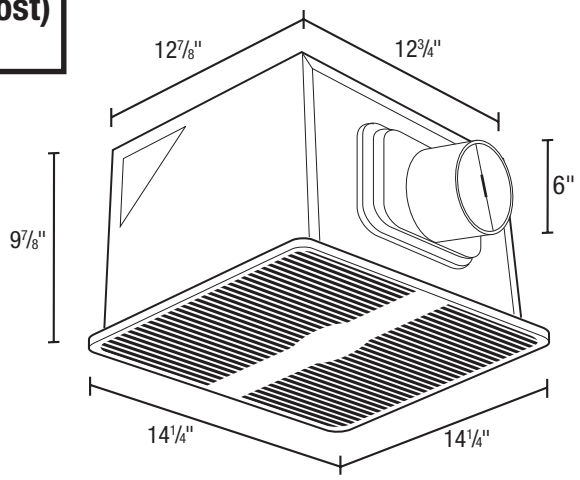
SPECIFICATIONS

E80SGH

EXHAUST FAN

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 1/4" x 14 1/4".
- **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 - sleeve. 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".
- **Motion Sensor**
  Integrated motion sensor automatically turns fan on when room is occupied.
- **Humidity Sensor**
  Integrated humidity sensor, adjustable up to 80% RH automatically turns fan on until the humidity drops to the desired set point.
- **Duct Collar**
  6" round, zinc plated metal collar adapter. 6" spring loaded aluminum backdraft damper.
- **Electrical Connections**
  .5" 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"
  Shipping Weight: 14.7 lbs.

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

- **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). The unit is provided with an optionally installed ceiling flange to ensure proper building infiltration rates are maintained and that no air leaks occur between the fan housing and ceiling cutout.

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

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