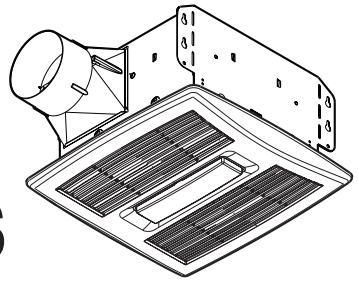
BROAN®

SPECIFICATION SHEET

MODELS AE80SL & AE110SL
FLEX™ SERIES
HUMIDITY SENSING FAN / LIGHTS



A modern-styled, high performance fan, with sensing circuitry, that "knows" when to ventilate the room.

FEATURES

BLOWER:

- Plug-in, permanently lubricated motor - engineered for continuous operation
- Dynamically balanced centrifugal blower wheel for quiet, efficient performance
- Low RPM for quiet operation

HOUSING:

- Rugged, 26 gauge, galvanized steel construction
- Polymeric, 4" duct connector with tapered sleeve and no metallic clatter
- 5-3/4" height allows for 2" x 6" ceiling installations
- Sturdy, easy, four-point mounting directly to joist

GRILLE:

- Polymeric construction
- Innovative design - the result of extensive research with designers and consumers
- 11-Watt integrated LED lighting for energy efficiency
- 3500K color temperature provides soft white light - ideal for bathroom illumination
- LED lasts up to 25,000 hours for maintenance-free convenience

CONTROLS (Purchase separately):

- Refer to Broan's catalog for a complete line of accessories to effectively adapt these fans to your construction requirements

DIMMING CONTROLS :

- May not be compatible with all dimmer controls
- Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance.
- Dimmer model numbers vary slightly depending on color, packaging type, etc. such that variations of Model numbers may be suitable. Consult dimming system manufacturer for additional support in operation

  * For a list of compatible controls, see broan.com

U.L. Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit (ceiling mount only).

U.L. Listed for use in insulated ceilings (Type I.C.)

3-Year Warranty

AUTOMATIC CONTROL:

- Humidity control automatically turns fan ON when either of these conditions is detected:

  - a rapid to moderate (user adjustable) increase of humidity

  - humidity above user-adjustable set-point (50%-80% RH)
- Two wire manual operation for odor control - Turns fan ON when power line through wall switch is cycled ON, OFF and back ON
- Remains ON for a user-adjustable 5 to 60 minutes after humidity has stabilized and is below set-point or after manually initiated through power line cycling
- Saves energy because unit runs only for the time required. A unit controlled with a wall timer may keep fan ON longer than required or turn it OFF before room is sufficiently ventilated

JA8-2019

Broan-NuTone LLC Hartford, Wisconsin www.broan.com 800-558-1711

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

PERFORMANCE RATINGS
FLEX™ SERIES
HUMIDITY SENSING FAN / LIGHTS

HVI PERFORMANCE

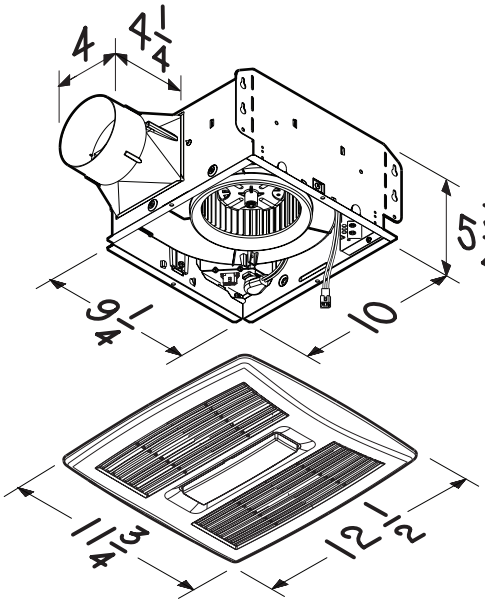
Model	0.1 Ps - Static Pressure (in H2O)				0.25 Ps
	Airflow (CFM)	Sound (Sones)	Power (Watts)	Efficacy (CFM / W)	Airflow (CFM)
AE80SL	80	0.7	26.9	2.9	60
AE110SL	110	1.0	23.4	4.7	92

HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1 in. static pressure, based on tests conducted in a state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements.

ELECTRICAL & WEIGHT

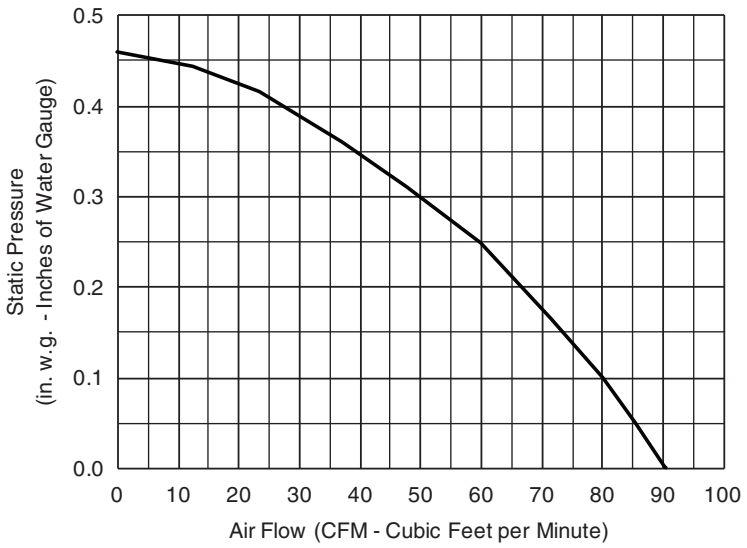
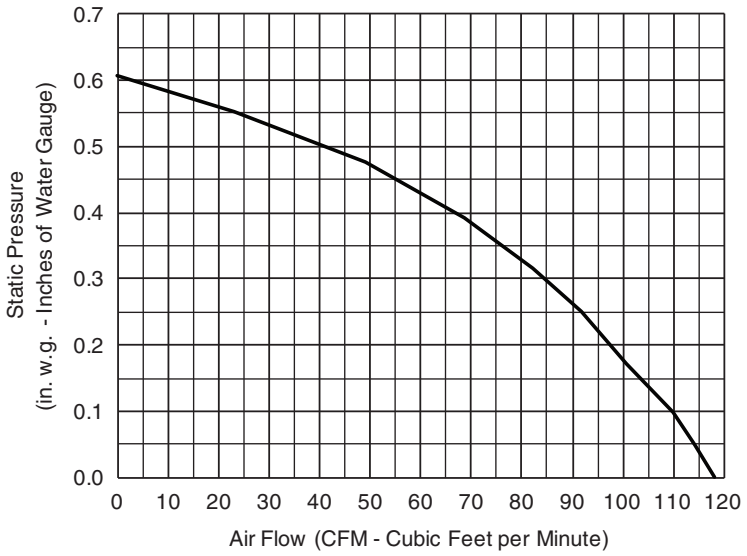
Model	Volts	Hz	Amps*	Shipping Weight
AE80SL	120	60	0.5	9.25 lb.
AE110SL	120	60	0.5	9.25 lb.

* Total connected load.



AIR FLOW PERFORMANCE

Model AE80SL



Model AE110SL