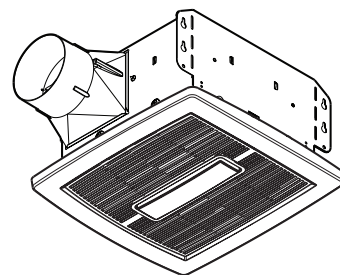


# MODEL AERN110SL INVENT™ SERIES HUMIDITY SENSING FAN / LIGHT



**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
- 3000K 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 NuTone'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



JA8-2016

Broan Hartford, Wisconsin www.nutone.com 888-336-3948

| REFERENCE | QTY. | REMARKS | Project  |
|-----------|------|---------|--|
|           |      |         | Location   |
|           |      |         | Architect  |
|           |      |         | Engineer   |
|           |      |         | Contractor   |
|           |      |         | Submitted by <span style="float: right;">Date</span> |

# PERFORMANCE RATINGS

## INVENT™ 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) |
| AERN110SL | 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.

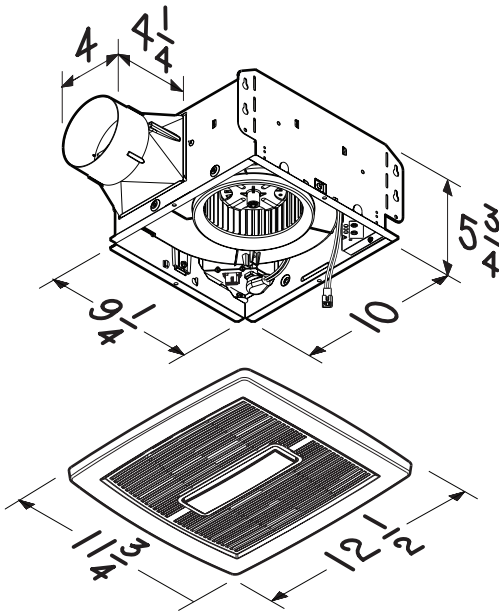
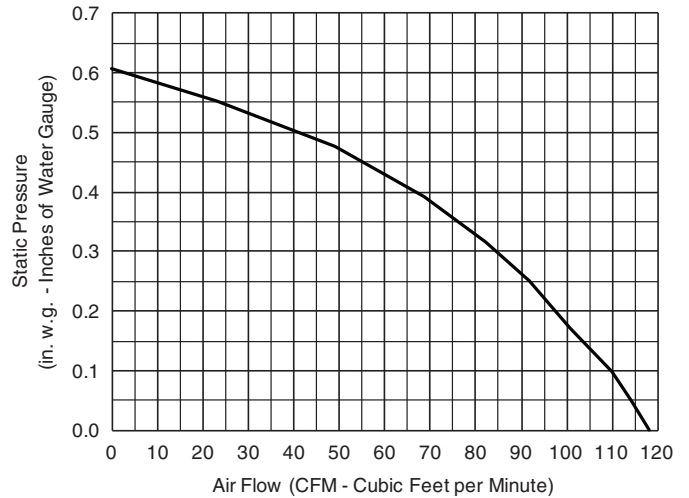
#### ELECTRICAL & WEIGHT

| Model     | Volts | Hz | Amps* | Shipping Weight |
|-----------|-------|----|-------|-----------------|
| AERN110SL | 120   | 60 | 0.5   | 9.25 lb.        |

\* Total connected load.

#### AIR FLOW PERFORMANCE

Model AERN110SL



# NuTone®

Broan Hartford, Wisconsin [www.nutone.com](http://www.nutone.com) 888-336-3948