## **SPECIFICATION SHEET**



# MODEL AER110RGBL ChromaComfort™ VENTILATION FAN WITH LED LIGHT



Choose and save custom colors for single-color illumination

Acceptable for use over a tub or shower when connected to

a GFCI (Ground Fault Circuit Interrupter) – protected branch

Safety tested for use in USA and Canada (UL File No. E17814).

Meets all applicable FCC and Canadian IC requirements.

Download the ChromaComfort™ app from the Apple App

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

Set auto-off timers for both fan and light

personalized scenes

Monitor energy usage

For installation in flat ceilings only.

Use supply wiring rated for at least 90°C.

For dimensional information, see page 2.

For more functions and custom options:

Download on the

App Store

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trademarks of Apple Inc., registered

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and regions. App Store is a service mark of Apple Inc.

Store or on Google Play.

NOTES:

circuit.

Choose from pre-set color sweep scenes or create and save

### DESCRIPTION

#### BLOWER:

- 110 CFM at 1.5 sones
- · Plug-in permanently lubricated motor
- Dynamically balanced centrifugal blower wheel for quiet, efficient performance

#### HOUSING:

- Rugged, 25-gage galvanized steel construction
- Fits in 2" x 6" construction
- · Pre-located mounting holes for quick, accurate installation
- Tapered, polymeric duct fitting with built-in backdraft damper for easy, positive duct connection and no metallic clatter

#### LIGHTING:

- · Integrated white & multi-color LED array
- · Every-day white lighting mode
- 24 selectable vibrant colors for continuous single-color illumination
- Multi-colored lighting sweep mode

#### WALL CONTROL:

- Includes wireless, battery-powered wall control (2X AAA batteries not included)
- Controls lighting mode, lighting color, light dimming, and fan
   operation
- Not compatible with any other switches, dimmers, or controllers; use only the supplied wall control
- · Fits standard decorative style wall plates (included)
- Can be mounted in any dry location; does not need to mount in electrical box

#### SMARTPHONE CONTROL:

- Bluetooth® communication enabled
- · Control via the available smartphone app (iOS or Android)



Broan



Hartford, Wisconsin



www.broan.com



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 REFERENCE
 QTY.
 REMARKS
 Project

 Location
 Architect
 Engineer

 Contractor
 Submitted by
 Date

## **PERFORMANCE RATINGS MODEL AER110RGBL** ChromaComfort<sup>™</sup> VENTILATION FAN WITH LED LIGHT

## HVI PERFORMANCE

|            | 0.1 Ps - Static Pressure (in H2O) |     |    |                       | 0.25 Ps          |
|------------|-----------------------------------|-----|----|-----------------------|------------------|
| Model      | Airflow<br>(CFM)                  |     |    | Efficacy<br>(CFM / W) | Airflow<br>(CFM) |
| AER110RGBL | 110                               | 1.5 | 28 | 3.9                   | 94               |



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.

## LIGHTING (white light mode) -

| Lighting Output | Power   | Lumens per Watt |  |
|-----------------|---------|-----------------|--|
| (Lumens)        | (Watts) | (Efficacy)      |  |
| 900+            | 14      | 94              |  |

| Color Accuracy | Lighting Color       |  |  |
|----------------|----------------------|--|--|
| (CRI)          | (CCT)                |  |  |
| 93             | 3500K (Bright White) |  |  |

## LIGHTING (multi-color modes) -

| Lighting Output | Power     | Lumens per Watt |  |
|-----------------|-----------|-----------------|--|
| (Lumens)        | (Watts)   | (Efficacy)      |  |
| up to 130       | up to 4.4 | up to 42.3      |  |





## **ELECTRICAL & WEIGHT**

| Model      | Volts | Hz | Amps* | Shipping<br>Weight |
|------------|-------|----|-------|--------------------|
| AER110RGBL | 120   | 60 | 0.4   | 11.1 lbs.          |

\* Total connected load.

AIR FLOW PERFORMANCE



#### Model AER110RGBL 0.70 0.60 Static Pressure (in.H2O-Inches of Water Gauge) 0.50 0.40 0.30 0.20 0.10 0.00 0 10 20 30 40 50 60 70 80 90 100 110 120 Air Flow (CFM - Cubic Feet per Minute)

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by Broan-NuTone LLC is under license. Other trademark and trade names are those of their respective owners.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions. may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules and RSS-210 of Canada. Operation is subject to the following two conditions

(1) This device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC IDs: 2ADLL-RGB001 & 2ADLL-RGB002 IC IDs: 2143B-RGB001 & 2143B-RGB002

This Bluetooth® wireless technology enabled luminaire complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying exposure compliance. This luminaire must not be co-located or operate in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.