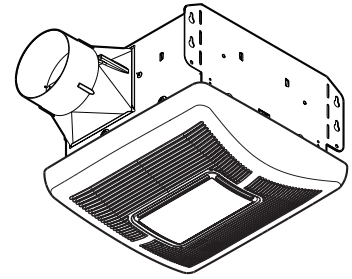


# MODELS A50L, A70L INVENT™ SERIES FAN / LIGHTS



### DESCRIPTION

#### 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
- Can be mounted in ceilings up to 7/12 pitch

#### GRILLE:

- Polymeric construction
- Innovative design - the result of extensive research with designers and consumers
- 100W max. incandescent A19 type bulb or energy efficient equivalent bulb with Maximum Overall Length (M.O.L.) of 4.4" or less (bulb not included)
- Durable steel reflector with white enamel finish

#### CONTROLS (Purchase separately):

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

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.)

1-Year Warranty

### TYPICAL SPECIFICATION

Fan / Light shall be Broan Model A50L (A70L).

Fan / Light shall have corrosion resistant galvanized steel housing with four-point mounting capability. It shall be ducted to a roof or wall cap using 4" round ductwork.

Blower assembly shall be removable, have a centrifugal-type blower wheel and a permanently lubricated motor designed for continuous operation.

Non-metallic damper/duct connector shall be included.

Bulb shall be 100W max. A19 type incandescent or energy efficient equivalent bulb with Maximum Overall Length (M.O.L.) of 4.4" or less (bulbs not included).

Air delivery shall be no less than the airflow values and no greater than the sound level values listed in the HVI Performance Specifications provided in this specification (see following chart). All air and sound ratings shall be certified by HVI.

Ceiling Ventilator shall be U.L. Listed for use in insulated ceilings (Type I.C.) and for use over bathtubs and showers when connected to a GFCI protected branch circuit.



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

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

# PERFORMANCE RATINGS INVENT™ SERIES FAN / LIGHTS

## HVI PERFORMANCE

| Model | 0.1 Ps - Static Pressure (in H2O) |               |               | 0.25 Ps       |
|-------|-----------------------------------|---------------|---------------|---------------|
|       | Airflow (CFM)                     | Sound (Sones) | Power (Watts) | Airflow (CFM) |
| A50L  | 50                                | 1.5           | 20.0          | 36            |
| A70L  | 70                                | 2.0           | 42.3          | 60            |



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

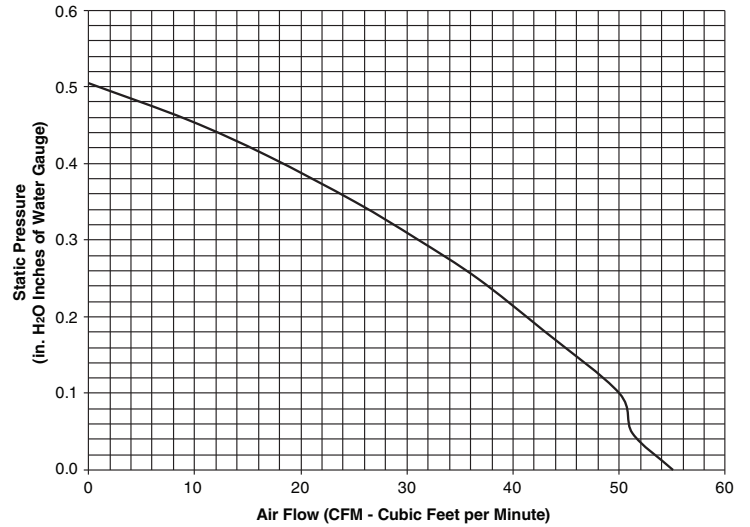
| Model | Volts | Hz | Amps* | Shipping Weight |
|-------|-------|----|-------|-----------------|
| A50L  | 120   | 60 | 1.0   | 10.0            |
| A70L  | 120   | 60 | 1.2   | 10.0            |

\* Total connected load.

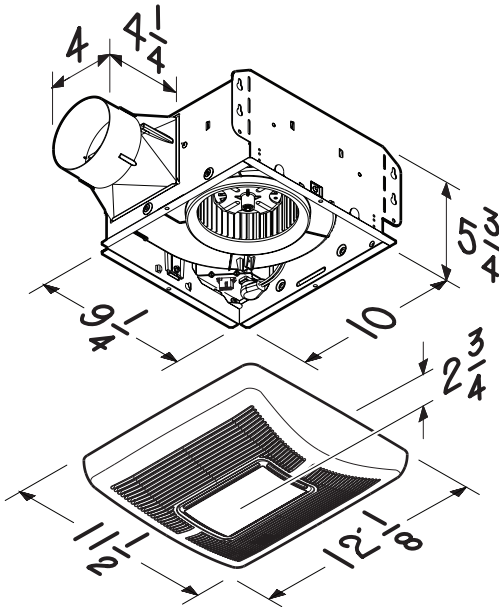
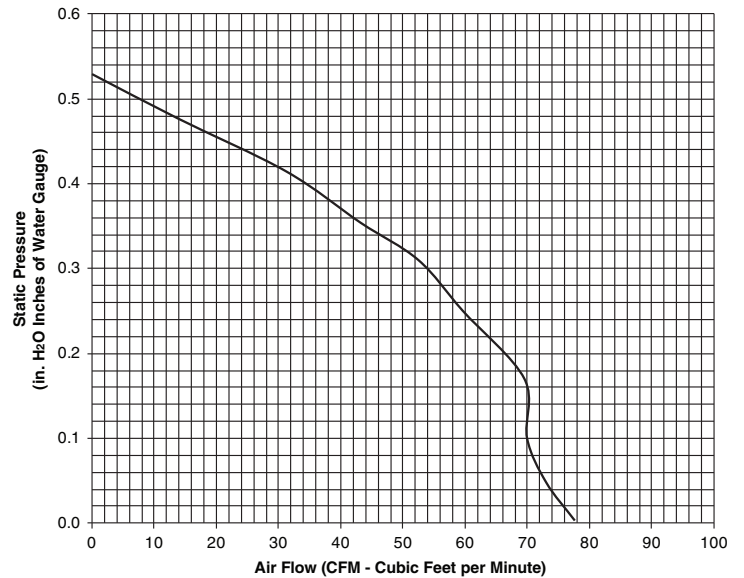


## AIR FLOW PERFORMANCE

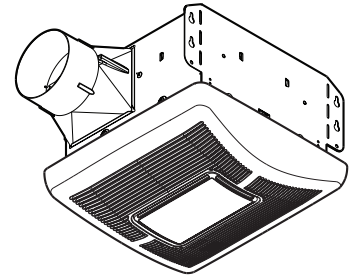
Model A50L



Model A70L



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# PERFORMANCE RATINGS

## INVENT™ SERIES FAN / LIGHTS

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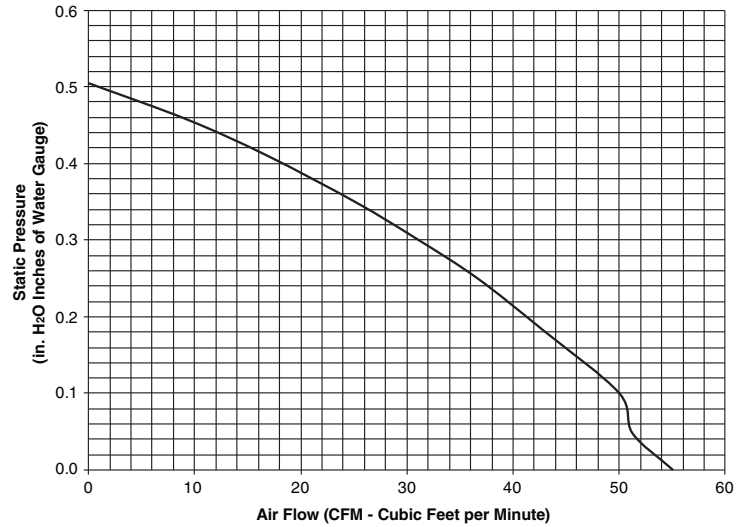
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### AIR FLOW PERFORMANCE

Model A50L



Model A70L

