



When your home breathes, you breathe easier, too.

# When your home breathes, you breathe easier too.

# **Exhaust Ventilation**

removes excess moisture and odor from any room in the home, and can also provide continuous, whole-house ventilation.

# Kitchen Ventilation

expels cooking
effluents from food
preparation
to eliminate airborne
pollutants from
spreading through
the entire house.

# Fresh Air Systems

efficiently exchange inside air with fresh outside air, and remove airborne particulates with HEPA filtration.

# Overture™ System

is a fully automated fresh air solution that monitors and manages indoor air quality to eliminate pollutants and bring in fresh, clean air from the outside. See page 9 to learn more.

# Broan-NuTone® can improve indoor air quality in every room of the home.

From clearing humidity in the bathroom to removing steam and other airborne effluents in the kitchen, no company knows residential and light commercial ventilation like Broan-NuTone. After countless innovations and a commitment to indoor air quality, trust Broan-NuTone to clear up every concern.

# Why indoor air quality is important to you.

Not all homeowners recognize what contributes to poor indoor air quality, the potential effects and harm, and how to address these problems. Broan-NuTone® is here to help. For 90 years, Broan-NuTone has led the industry with residential ventilation solutions that improve indoor air quality and provide healthier home environments.



#### **Moisture**

that is not properly ventilated can cause mildew and mold formation, potentially leading to structural and health problems. Exhaust ventilation solutions from Broan-NuTone remove humidity at the source to help maintain the optimal humidity balance of 40-60%.



# Off-gassing

from construction materials, carpeting, adhesives and synthetic materials—as well as solvents from common household cleaners—can accumulate in tightly built homes. Look to Broan-NuTone for continuous ventilation solutions that meet ASHRAE 62.2.



# **Particulates**

from dust, allergens, pet dander, and more can contribute to poor indoor air quality up to 100 times more polluted than outside air. A properly ventilated home creates a more enjoyable, comfortable and healthier environment.



# **Cooking byproducts**

can infiltrate the whole house in minutes. Grease, oils and aromas settle permanently into carpets, furniture, clothing and other surfaces. Kitchen ventilation solutions help eliminate cooking effluents for a cleaner, more comfortable and healthier environment.

- **5** Codes
- 6 Flex Series<sup>™</sup>
- 8 Flex DC Series<sup>™</sup>
- 12 OT® Series Fans
- 16 ULTRA Pro® / ULTRA Green®
- 20 SurfaceShield™
- 22 ChromaComfort®
- 24 Sensonic®
- 28 Decorative / Recessed
- 30 LoProfile
- 32 Heater Fan/Lights
- 38 Economy Fan/Lights
- 42 Upgrade Kits/Covers
- 48 Wall Controls
- **52** Fresh In<sup>™</sup>
- 54 Utility Fans
- 58 Light Commercial
- **64** Attic Ventilation
- 66 Parts & Accessories
- **68** Specifications
- 72 Performance Curves

# America's most used and trusted residential ventilation company.

Broan-NuTone® is proud to have our American-made ventilation and home comfort and convenience products installed in 90 million homes across the country.





# Industry leadership can't be claimed. It's earned through innovation.

**Nine decades ago,** an engineer in Southeastern Wisconsin named Henry Broan had a revelation: wouldn't a built-in mechanical ventilation solution help to provide better indoor air quality in the kitchen? And so, Motordor® was conceived—the first kitchen ventilator—and a company was born. The invention of the bath fan soon followed, as the passion for improving indoor air quality continued.

Throughout the years, Broan-NuTone® has led the industry with countless innovations. From the first energy-efficient certified fans and range hoods, to quiet ventilation solutions that are easier than ever to install. It's because Mr. Broan knew leadership is earned and proven through a passion and commitment to finding novel solutions to real problems time and time again. This is why Broan-NuTone has taken the job of improving air quality in our homes very seriously for 90 years.

# To build a code-compliant home, understand today's ventilation requirements.

The American Society of Heating, Refrigeration and Air Conditioning Engineers set the ventilation standard for low-rise residential buildings with ASHRAE 62.2. It established the minimum standard for spot ventilation of bathrooms at 50 CFM delivered airflow at 3.0 sones or less, and specifies requirements for whole-house ventilation at a max sound rating of 1.0 sone for ventilation fans.

# Use these tables to find whole-house solutions that help meet ASHRAE 62.2.

Fan Series	Model	CFM	Sones	Page No.
ULTRA	ZB80	80	<0.3*	18
Green®	ZB80M	80	<0.3*	17
Multi	ZB110	110	< 0.3	18
Speed	ZB110H	110	< 0.3	17
ULTRA	XB50	50	< 0.3	18
Green®	XB80	80	<0.3*	18
Single	XB110	110	< 0.3	18
Speed	XB110H	110	< 0.3	17
ULTRA Pro®	RB80	80	<0.3	19
OLIKA FIO	RB110	110	0.6	19
QTXE™	QTXE080	80	0.3	14
CINE	QTXE110	110	0.7	14
LoProfile	LP80	80	1.0	31
	AE50	50	0.5	11
Flex Series™	AE80K	80	0.7	11
riex series	AE110	110	1.0	11
	AE110K	110	1.0	11

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



Fan/Light Series	Model	CFM	Sones	Page No.
	ZB80L1	80	<0.3*	18
ULTRA	ZB80ML1	80	<0.3*	17
Green® Multi	ZB110L1	110	< 0.3	18
Speed	ZB110HL1	110	< 0.3	17
	ZB110ML1	110	< 0.3	17
ULTRA	XB50L1	50	< 0.3	18
Green®	XB80L1	80	<0.3*	18
Single	XB110L1	110	< 0.3	18
Speed	XB110HL1	110	< 0.3	17
IIITDA Dra®	RB80L1	80	< 0.3	19
ULTRA Pro®	RB110L1	110	0.8	19
Flex Series™	AE80LK	80	0.7	10
riex series	AE110LK	110	1.0	10

Saving energy saves tomorrow by protecting our resources. We are honored to have received the ENERGY STAR® Sustained Excellence Award.



# With CODE-KEY, select compliant ventilation solutions with confidence.

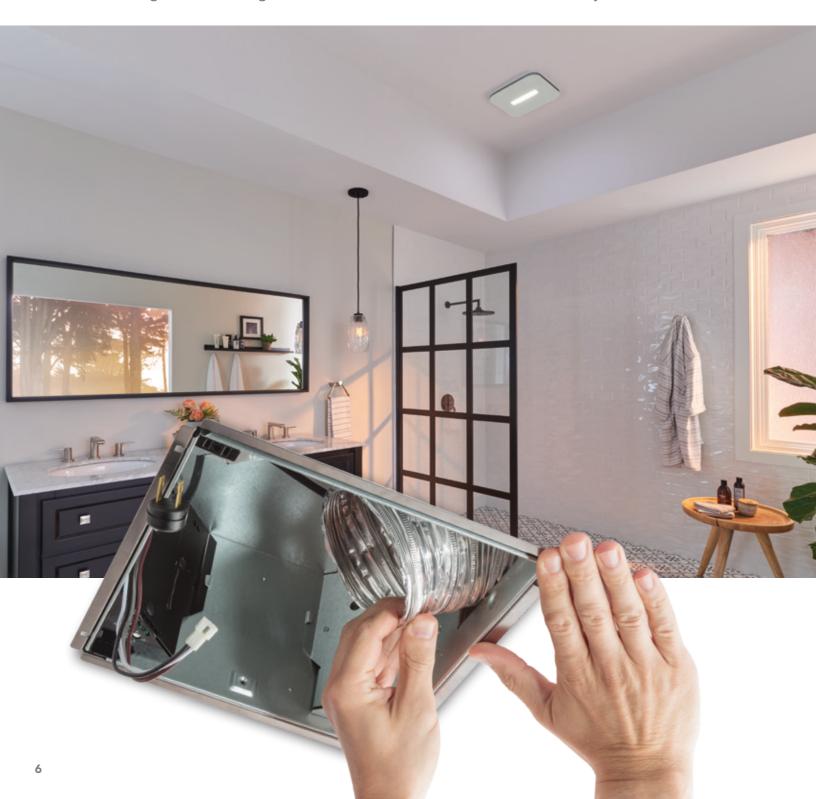
- Choose state, home size facts and user preferences
- Get recommended ventilation products instantly
- Change parameters to see a range of options
- Open a browser on any device and go—it's easy



<sup>\*</sup>With 6" duct (0.3 sones with 4" duct)

# Flex Series. Take the aggravation out of installation.

Flex Series<sup>™</sup> is about time-saving, flexible solutions for new construction or roomside retrofit. Innovative features simplify roomside installation and improve building airtightness like never before. With fresh cover designs and a full range of fans, fan/lights and sensing models, there's a Flex Series<sup>™</sup> solution for every installation.



# Easy roomside installation. Airtight performance. LED lighting.



FoldAway® mounting ears simplify new construction and fold flat for roomside retrofits.





TrueSeal® damper technology reduces air leakage up to 50%, and saves up to 1 HERS point and \$9 per year in operating costs.\* LED lighting offers energy efficiency and longevity. The 11-watt, 800 lumen integrated module lasts up to 25,000 hours.



EzDuct<sup>™</sup> connector enables roomside installation without attic access. Pull the 4" duct through, attach the EzDuct<sup>™</sup> connector and set it with one screw.

\*Compared to competitive fans; based on software calculations and analysis conducted by Broan. Testing reflects total fan housing air tightness.



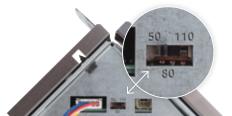
Scan or tap the code to see how Flex Series<sup>™</sup> fans simplify installation.

# Flex DC Series. We took Flex even further.

Flex DC Series ventilation fans provide three CFM settings accessible at the touch of a switch. You have the best solution for any installation. An energy-efficient DC motor makes it possible, all while running at less than 1.0 sone at all fan speeds.

#### **Features**

- 50% more airtight
- Select 50, 80 or 110 CFM with a switch
- Dimmable LED fan/lights
- Humidity sensing models
- Quiet operation as low as <0.3 sones
- Flange kit for a leak-free seal (sold separately)
- Enhanced energy efficiency—up to 14.7 CFM/watt



Available on select models
Hanger Bars | Humidity Sensing | LED Lighting

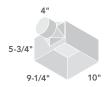
# Flex DC Series: Simplify installation with three-way selectable CFM.

The Flex DC Series<sup>™</sup> was built to give you what matters most. With a selectable DC motor, you can switch between 50, 80 or 110 CFM to meet any room ventilation requirement as well as ASHRAE 62.2 for spot and dwelling unit ventilation. The brushless DC motor lasts longer than standard motors and achieves 90% efficiency, saving money long after installation.



# **General Features & Benefits**

- Selectable DC motor enables right-sized ventilation for any room
- Quiet operation at less than 1.0 sone at all CFM speeds
- TrueSeal® damper technology creates an airtight seal from inside the housing
- 4" round duct connector compatible with any Broan duct increaser
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC, fits 2" x 6" and larger construction











# AE50110DC

# **AE50110DCS**

Sensaire<sup>™</sup> Sense on Rise technology

# **AE50110DCSL, AE50110DCL**

- Dimmable, Title 24 compliant LED lighting
- Sensaire™ Sense on Rise technology on model AE50110DCSL
- Grille pictured is AE50110DCSL



Snap-fit Flange Kit Installation and retrofit upgrades just got easier. Go flangeless or add the flange by simply snapping it on the side of the fan housing for a professional finish and tighter, leak-free seal.

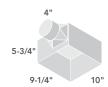
Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
AE50110DC	50-80-110	<0.3-0.4-0.9	_	_	4	Yes	Yes	12½ x 11¾
AE50110DCL	50-80-110	<0.3-0.4-0.9	11W LED	_	4	Yes	Yes	12½ x 11¾
AE50110DCS	50-80-110	<0.3-0.4-0.9	_	Humidity	4	Yes	Yes	12½ x 11¾
AE50110DCSL	50-80-110	<0.3-0.4-0.9	11W LED	Humidity	4	Yes	Yes	12½ x 11¾

 $ENERGY\,STAR^{\circledast}\,fans\,use\,70\%\,less\,energy,\,on\,average,\,than\,standard\,models\,and\,may\,qualify\,for\,local\,utility\,rebates$ 





- Detects a rapid rise in humidity
- User adjustable sensitivity control
- Easy-to-set shut-off timer: 5–60 minutes
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- ENERGY STAR® certified
- HVI Certified
- RD2 radiation damper accessory for Flex Series (see page 61)







# **DID YOU KNOW?**

Contractors recognize the Broan-NuTone® ventilation brand above all others.

#### **AE80S, AE110S**

- FoldAway® mounting ears enable easy roomside installation
- Fits in 2x6 ceiling construction

# AE80SL, AE110SL

- FoldAway® mounting ears enable easy roomside installation
- · Bright, energy efficient LED Lighting
- Fits in 2x6 ceiling construction

Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
AE80S	80	0.7	_	Humidity	4	Yes	Yes	12 x 11½
AE110S	110	1.0	_	Humidity	4	Yes	Yes	12 x 11½
AE80SL	80	0.7	11W LED	Humidity	4	Yes	Yes	12½ × 11¾
AE110SL	110	1.0	11W LED	Humidity	4	Yes	Yes	12½ x 11¾

 $ENERGY\,STAR^{@}\,fans\,use\,70\%\,less\,energy,\,on\,average,\,than\,standard\,models\,and\,may\,qualify\,for\,local\,utility\,rebates$ 





# Monitor, measure and manage your indoor air quality with Overture.™



Look for the Overture™ Badges throughout the catalog to find compatible products.

#### Smart Wall Control Model BIAQWC1



Smart Room Sensor Model BIAQRS1



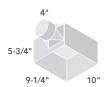
Smart Plug Model BIAQSP1





Scan to learn more about Overture™

- FoldAway® mounting ears enable easy new construction and roomside replacement installations
- TrueSeal® damper technology forms a tight seal to reduce backdrafts
- EzDuct™ connector creates an air-tight seal inside the housing and enables roomside installation without attic access
- Effective ventilation clears humidity and odors
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- All models starting with AE are ENERGY STAR® certified





See how SurfaceShield™ kills bacteria and viruses at the touch of a switch. Scan or tap the code to learn more.



# A70L, A110L

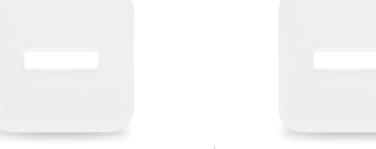
• Fan/Light with Incandescent E26 Base (bulb not included)



# AE80BL, AE110L

- LED Fan/Light with 11 watt, 800 Lumens, 3000K, 80 CRI integrated module
- 25,000-hour LED for maintenance-free convenience







# **VVLED Convert your** ventilation fan to a SurfaceShield" bacteria- and virus-

fighting solution.

The VVLED upgrade light is compatible with the following models: AE50110DCL AE50110DCSL, AE80BL, AE80SL, AE110L, AEN80BL, AEN110L AE80LK and AE110LK. See page 21 to learn more.

# AE80LK, AE110LK

- CleanCover design stays cleaner longer
- LED Fan/Light with 11 watt, 800 Lumens, 3500K integrated module
- 25,000-hour LED for maintenance-free convenience

# **AER80CCTK, AER110CCTK**

- CleanCover design stays cleaner longer
- Features integrated dimmable LED with color adjustable CCT lighting, warm (3000K), bright (3500K), cool (4000K) and daylight (5000K)
- 25,000 hour LED for maintenance-free convenience

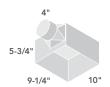
Broan Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
A70L*	70	2.0	E26 Base	4	No	Yes	121/8 x 111/2
A110L*	110	1.3	E26 Base	4	No	Yes	121/8 x 111/2
AE80BL	80	1.2	11W LED	4	Yes	Yes	12½ x 11¾
AE80LK	80	0.7	11W LED	4	Yes	Yes	121/4 x 121/4
AE110L	110	1.0	11W LED	4	Yes	Yes	12½ x 11¾
AE110LK	110	1.0	11W LED	4	Yes	No	121/4 x 121/4
AER80CCTK	80	0.7	11W LED	4	Yes	Yes	121/4 x 121/4
AER110CCTK	110	1.0	11W LED	4	Yes	Yes	121/4 x 121/4

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates \*Bulb not included





- FoldAway® mounting ears enable easy new construction and roomside replacement installations
- TrueSeal® damper technology forms a tight seal to reduce backdrafts
- EzDuct™ connector creates an air-tight seal inside the housing and enables roomside installation without attic access
- Effective ventilation clears humidity and odors
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- All models starting with AE are ENERGY STAR® certified







A80, A110, AE50, AE80B, AE110

**AE80K, AE110K** 

Broan Model	CFM	Sones	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
A80	80	2.0	4	No	Yes	12 x 11½
A110	110	3.0	4	No	Yes	12 x 11½
AE50	50	0.5	4	Yes	Yes	12 x 11½
AE80K	80	0.7	4	Yes	Yes	121/4 x 121/4
AE80B	80	1.2	4	Yes	Yes	12 x 11½
AE110	110	1.0	4	Yes	Yes	12 x 11½
AE110K	110	1.0	4	Yes	No	121/4 x 121/4

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates





# Better Life. For Our Veterans.

We believe that Veterans, particularly those who returned wounded, deserve a better life. So we're proud to support the Homes For Our Troops foundation by donating products to help Veterans breathe fresh, clean air at home.

**Broan-NuTone.com** 





- Selectable DC motor enables right-sized ventilation for any room
- 30% tighter housing than competitive models\*
- Flangeless housing facilitates a seamless installation
- Quiet operation at less than or equal to 0.7 sones at all CFM speeds
- TrueSeal® damper technology creates an airtight seal from inside the housing
- 6" round duct connector to reduce static pressure in ducting
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC, fits 2" x 8" and larger construction





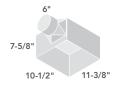
# QTXE110150DC

# **QTXE110150DCL**

• Bright, energy-efficient LED lighting

# Sensaire<sup>™</sup> Humidity Sensing

- Detects a rapid rise in humidity
- User adjustable sensitivity control
- Easy-to-set shut-off timer: 5–60 minutes
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- ENERGY STAR® certified
- HVI Certified



7-5/8

10-1/2"

11-3/8"





# **QTXE110150DCS**

- Fan cover-mounted humidity sensor for fast reaction time
- $\bullet$  Sensaire  $^{\scriptscriptstyle\mathsf{TM}}$  Sense on Rise technology
- RDFU1 radiation damper available while supplies last with RDJUMPQ accessory
- Hanger bar system up to 24" for flexible installation in all types of construction

# QTXE110150DCSL

- Bright, energy-efficient LED lighting
- Fan cover-mounted humidity sensor for fast reaction time
- Sensaire<sup>™</sup> Sense on Rise technology
- RDFU1 radiation damper available while supplies last with RDJUMPQ accessory
- Hanger bar system up to 24" for flexible installation in all types of construction





Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
QTXE110150DC	110-130-150	<0.3-0.4-0.7	_	_	6	Yes	No	13 <b>¾</b> x 13
QTXE110150DCL	110-130-150	<0.3-0.4-0.7	18W LED	_	6	Yes	Yes	13 <b>¾</b> x 13
QTXE110150DCS	110-130-150	<0.3-0.4-0.7	_	Humidity	6	Yes	Yes	13 <b>¾</b> x 13
QTXE110150DCSL	110-130-150	<0.3-0.4-0.7	18W LED	Humidity	6	Yes	Yes	13 <b>¾</b> x 13

 ${\sf ENERGY\,STAR}^{\tiny{\textcircled{\tiny 0}}}\ {\sf fans\,use\,70\%\,less\,energy,\,on\,average,\,than\,standard\,models\,and\,may\,qualify\,for\,local\,utility\,rebates}$ 



<sup>\*</sup>Compared to competitive fans; based on software calculations and analysis conducted by Broan. Testing reflects total fan housing air tightness.

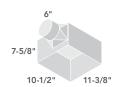


# QTXEDCH Simplify Installation with Project Packs.

Project packs are ideal for contractors and builders who have yet to pick out the final product. With the housing for the fan sold separately from the cover and motor, contractors are able to continue with construction and not have to worry about damaging, losing or storing the product. Once all construction is complete, the purchase of a finish pack, 4 covers and 4 motor/blower wheels, can be made to add the finishing touches to the room.

# **General Features & Benefits**

- Very quiet operation 0.3 to 1.4 sones
- 80 CFM to 150 CFM
- 6" ducting for superior performance
- Hanger bar system up to 24" for flexible installation in all types of construction
- Motor engineered for continuous operation
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Fits 2x8 ceiling construction
- ENERGY STAR® certified
- HVI Certified
- Radiation damper RDFQF available separately







- Fan cover-mounted humidity sensor for fast reaction time
- Sensaire<sup>™</sup> Sense on Rise technology
- Hanger bar system up to 24" for flexible installation in all types of construction



**QTXE080, QTXE110, QTXE150** 



# RDFQF Premium Radiation Damper.

When the air temperature passing through the damper exceeds 165°F the fusible link melts, triggering the thermal fabric to automatically close across the damper. Airflow is interrupted by a flame and heat barrier, preventing the rapid spread of fire to other areas. Scan or tap the code to learn more.



Broan Model	CFM	Sones	Duct	Sensing	ENERGY STAR®	Overture® Compatible	Broan Cover Size
QTXE110S	110	0.7	6	Humidity	Yes	Yes	13 <b>¾</b> × 12 <b>½</b>
QTXE080	80	0.3	6	_	Yes	Yes	13 <b>¾</b> x 13
QTXE110	110	0.7	6	_	Yes	Yes	13 <b>¾</b> x 13
QTXE150	150	1.4	6	<u>—</u>	Yes	Yes	13 <b>¾</b> x 13
		- / 1				1.6 6 1 1	.1.

 ${\sf ENERGY\,STAR}^{\tt 0}\, {\sf fans\,use\,70\%\,less\,energy,\,on\,average,\,than\,standard\,models\,and\,may\,qualify\,for\,local\,utility\,rebates}$ 











# We didn't just change one thing to make installation faster. We changed everything.

For the fastest, easiest, most universal solution for any installation, think ULTRA® Series. With a unique telescoping mounting frame that installs roomside on retro-fits and an easy-to-insert housing and blower that snap into place, you'll never have another difficult installation—no matter what's behind the drywall.

# ULTRA Green® The perfect solution to meet today's continuous ventilation requirements.

Built for easy installation in either new construction or retrofit applications, the ULTRA Green® Series makes it simple to ventilate any room in the house. Exclusive ULTRA Smart™ DC Motor and Control Technology enables fans to maintain their powerful operation—even at high static pressures—and provide required air movement levels for whole-house ventilation, all while meeting spot ventilation needs on-demand. Continuous CFM levels can be precisely adjusted to meet the specific needs of each home.

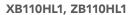


- HVI Certified at <0.3 sones, ULTRA Silent™ sound technology provides the quietest sound rating obtainable
- 80 or 110 CFM
- Intermittent and continuous ventilation
- ULTRA Smart™ DC Motor and Control Technology monitors CFM output and adjusts motor speed to ensure rated air movement ULTRAQuick® installation technology enables fast, easy, universal installation
- XB and ZB models feature 6" ducting 80 CFM models include an optional 6" to 4" duct reducer
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC
- Fits 2x8 ceiling construction
- Optional RDFU premium radiation damper kit available



Scan the code to see how ULTRA® Series fans simplify installation.







**XB110H, ZB110H** 



**ZB80ML1, ZB110ML1** 



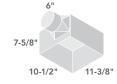
ZB80M

Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
XB110H	110	< 0.3	_	Humidity	6	Yes	Yes	14 x 131/8
XB110HL1	110	< 0.3	LED	Humidity	6	Yes	Yes	13¾ x 14¼
ZB110H	110	< 0.3	_	Humidity	6	Yes	Yes	14 x 131/8
ZB110HL1	110	< 0.3	LED	Humidity	6	Yes	Yes	13¾ × 14¼
ZB80ML1	80	<0.3*	LED	Motion	6 Round + 6 to 4 Reducer	Yes	Yes	13¾ × 14¼
ZB110ML1	110	< 0.3	LED	Motion	6	Yes	Yes	13¾ x 14¼
ZB80M	80	<0.3*	_	Motion	6 Round + 6 to 4 Reducer	Yes	Yes	14 x 131/8

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates \*With 6" duct (with 4" duct 0.3)









- HVI Certified at <0.3 sones, ULTRA Silent<sup>™</sup> sound technology provides the quietest sound rating obtainable
- 50, 80 or 110 CFM
- Intermittent and continuous ventilation
- ULTRA Smart<sup>™</sup> DC Motor and Control technology monitors CFM output and adjusts motor speed to ensure rated air movement ULTRAQuick<sup>®</sup> installation technology enables fast, easy, universal installation
- XB and ZB models feature 6" ducting—50 and 80 CFM models include an optional 6" to 4" duct reducer
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC
- Fits 2x8 ceiling construction
- Optional RDFU Premium Radiation Damper Kit available





# XB50L1, XB80L1, XB110L1, ZB80L1, ZB110L1

• Bright, energy-efficient LED lighting

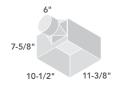
XB50, XB80, XB110, ZB80, ZB110

Broan Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
XB50L1	50	< 0.3	LED	6 Round + 6 to 4 Reducer	Yes	Yes	13¾ x 14¼
XB80L1	80	<0.3*	LED	6 Round + 6 to 4 Reducer	Yes	Yes	13¾ x 14¼
XB110L1	110	< 0.3	LED	6	Yes	Yes	13¾ x 14¼
ZB80L1	80	<0.3*	LED	6 Round + 6 to 4 Reducer	Yes	Yes	13 <b>¾</b> x 14 <b>¼</b>
ZB110L1	110	< 0.3	LED	6	Yes	Yes	13¾ x 14¼
XB50	50	< 0.3	_	6 Round + 6 to 4 Reducer	Yes	Yes	13 <b>¾</b> x 13
XB80	80	<0.3*	_	6 Round + 6 to 4 Reducer	Yes	Yes	13 <b>¾</b> × 13
XB110	110	< 0.3	_	6	Yes	Yes	13 <b>¾</b> x 13
ZB80	80	<0.3*	_	6 Round + 6 to 4 Reducer	Yes	Yes	13 <b>¾</b> x 13
ZB110	110	< 0.3	_	6	Yes	Yes	13 <b>¾</b> x 13

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates \*With 6" duct (with 4" duct 0.3)









# With CODE-KEY, select compliant ventilation solutions with confidence.

- Choose state, home size facts and user preferences
- Get recommended ventilation products instantly
- Change parameters to see a range of options
- Open a browser on any device and go—it's easy



- Extremely quiet operation with innovative sound reduction technologies
- QStream<sup>™</sup> technology features airflow-smoothing baffles to reduce turbulence
- Optional RDFU Premium Radiation Damper Kit available for RB models







RB80L1, RB110L1

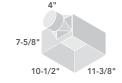
RB80, RB110

Broan Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
RB80L1	80	<0.3	LED	4	Yes	Yes	13¾ × 14¼
RB110L1	110	0.8	LED	4	Yes	Yes	13 <b>¾</b> × 14 <b>¼</b>
RB80	80	< 0.3	_	4	Yes	Yes	13 <b>¾</b> x 13
RB110	110	0.6	_	4	Yes	Yes	13 <b>¾</b> x 13

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates

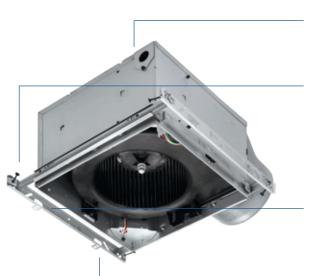






# ULTRAQUICK® INSTALLATION TECHNOLOGY

ULTRA® Ventilation Fans are engineered to be the fastest, easiest, most universal installation in remodel, retrofit or new construction—in any type of joist or truss system. Exclusive features simplify installation to save valuable time and money.

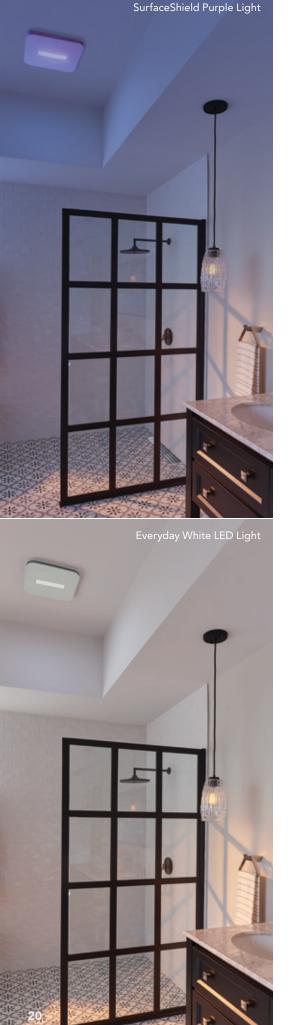


Inside/outside wiring capability provides flexible new or retrofit installation

Pre-installed screws in the mounting frame enable quick installation

Vertical positioning tabs ensure the housing is in the right place

The expandable mounting frame adjusts from 14"-24" and fits any type of joist, I-Joist or truss construction







# You wipe down every surface. Now shield them all day long.

SurfaceShield™ with Vyv™ antimicrobial light technology is helping keep your spaces cleaner. SurfaceShield quietly removes excess humidity while killing\* viruses and fighting bacteria, mold, and fungi growth in your bathroom or other humidity prone environments. With the flip of a switch you'll spend less time cleaning and more time with the ones you love.

Shower curtains, shower walls, toilet seats, door handles, faucets and sinks are all places viruses, odor and illness causing bacteria, mold, and mildew accumulate. By preventing microbes from lingering, Broan-NuTone's SurfaceShield™ technology works doubly hard by removing airborne pollutants from the room and reducing microbial buildup.

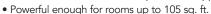
That technology is coupled with the powerful and quiet 110 CFM Roomside<sup>™</sup> series bathroom ventilation fan to remove humidity and pollutants from the air in the room.

\*Testing on a non-enveloped virus (MS2 bacteriophage) showed a 99.985% reduction in controlled laboratory testing in 6 hours on hard surfaces. MRSA and E. coli showed 90%+ reduction in controlled laboratory testing in 24 hours on hard surfaces. Results may vary depending on the amount of light that is reaching the surfaces in the space where the product is installed and the length of time of exposure. Use of Vyv antimicrobial light is not intended to replace manual cleaning. Get more info at vyv.tech/virus



# SurfaceShield™ Anti-bacterial Fan/Light AR110LKVV, ARN110LKVV

- $\bullet$   $\mathsf{EzDuct}^{\scriptscriptstyle\mathsf{TM}}$  connector enables easy roomside installation
- TrueSeal® damper technology reduces air leakage up to 50%
- SnapFit Flange Kit offers flexible installation for new construction or retrofit upgrades
- Foldable mounting ears allow for easy installation in both new construction and room-side replacement applications



- Brighter white covers blend in to match most common ceiling paint
- Corrosion resistant galvanized steel housing stands up to moisture
- Permanently lubricated AC motor engineered for continuous operation

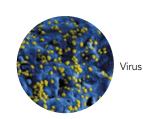


Broan Model	NuTone Model	CFM	Sones	Light	Duct	Overture® Compatible	Cover Size
AR110LKVV	ARN110LKVV	110	1.0	LED	4	Yes	12¼ x 12¼
FG1000VV	_	_	_	LED	_	_	121/4 x 121/4
VVLED	_	_	_	LED	_	_	_









9-1/4







Fungi



Petri dish without and with SurfaceShield™ protection.

# Turn your existing fan/ light into a SurfaceShield™ anti-bacterial solution and virus-killing solution.

With an upgrade kit or LED module, many Broan-NuTone® fan/lights can be converted into a SurfaceShield™ solution in a matter of minutes. Both are compatible with certain legacy Broan® or NuTone InVent®, Flex Series™, or Roomside Series fan/light.



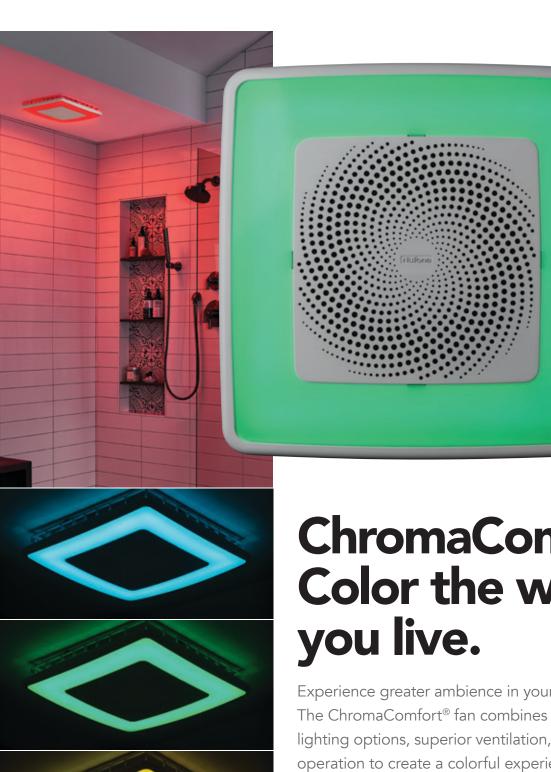
# **Upgrade Fan Cover FG1000VV**

- CleanCover® stays cleaner longer with less louvers to trap dust and dirt
- Two lighting modes: an everyday LED white light perfect for task lighting and the SurfaceShield™ continuous antibacterial mode
- No drywall or additional wiring work required. Plugs directly into existing lighting connection
- Compatible with existing ventilation fan housing dimensions of 91/4" x 10" (lighted fans only)



# **LED Module VVLED**

- Replace the LED lighting module in your existing fan/light
- Two lighting modes: an everyday LED white light perfect for task lighting and the SurfaceShield™ continuous antibacterial mode



# ChromaComfort: Color the way you live.

Experience greater ambience in your home. The ChromaComfort® fan combines colorful LED lighting options, superior ventilation, and quiet operation to create a colorful experience for any room of your house. Control light settings, brightness, timers, and fan speed all at the touch of a button.

# Choose from 24 different hues to fit your aesthetic mood.

The uniquely-designed, multi-color LED chroma light features dimmable LEDs so you can create any color ambience and adjust brightness levels.





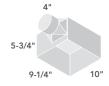


# SPK110RGBL, SPKN110RGBL

- Enjoy crisp, bold sound with a built-in Sensonic<sup>™</sup> Stereo Bluetooth<sup>®</sup> speaker
- Create your own personal experience with 24 selectable colors via the included wall control or over 16 million choices on the free smartphone app
- Brilliant lighting controlled with included wireless wall control or app
- Continuous color transitions
- $\bullet$  Bluetooth® wireless technology for app connection
- Room-side installation means no attic access required

Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size	Sensonic™ Speaker
SPK110RGBL	SPKN110RGBL	110	1.5	Integrated	4	No	Yes	13¼ x 13¼	Yes









# Remote control with the ChromaComfort™ app

Use the included multi-function wall control or download the free ChromaComfort™ app and connect to Bluetooth® wireless technology to easily adjust light settings, set timers, control the fan, and customize colors.



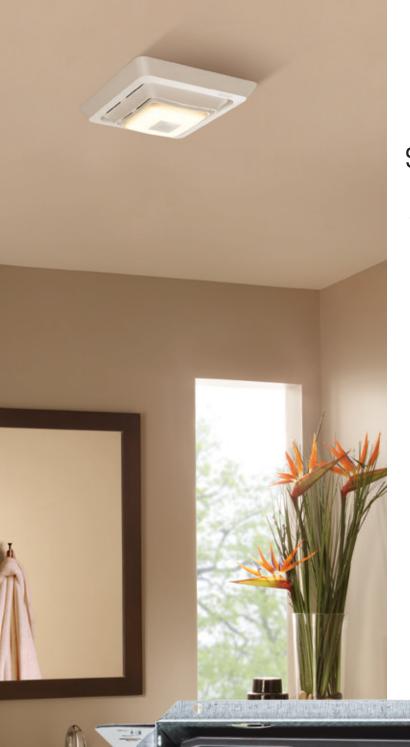






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Google Play and the Google Play logo are trademarks of Google LLC.





# Your music, out of sight.

# Ventilation for the music fan.

Unlike wireless speakers that require counter space, Sensonic® speakers with Bluetooth® wireless technology fill your room with rich sound from above. From hard rock to news talk, play any audio through the dual high-fidelity speakers and enjoy entertainment and privacy at the touch of a button.







# **SPK110**

- Dual high-fidelity Sensonic® speakers
- Brilliant audio performance concealed behind your fan cover
- Play any audio through most Bluetooth<sup>®</sup> enabled devices
- Effective, extremely quiet ventilation clears humidity and odors quickly
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- Type IC for use in direct contact with thermal insulation
- Fits 2x8 ceiling construction
- Includes unique spacer for easy I-joist mounting
- ENERGY STAR® certified

# SPK80L

- High-fidelity Sensonic® speaker
- 80 CFM
- 2.5 sones
- Bright, energy-efficient LED light
- Most common bath fan size—easy DIY project
- Tapered, polymeric 4 in. round duct fitting for easy, positive duct connection and no metallic clatter

SPK80NL

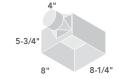
- UL Listed for use over a bathtub or shower when connected to a GFCIprotected branch circuit to provide more direct ventilation (ceiling mount only)
- Bright white covers match most common ceiling paint
- Corrosion-resistant galvanized steel housing stands up to moisture
- Permanently lubricated AC motor engineered for continuous operation

Broan Model	NuTone Model	CFM	Sones	Light	Duct		Overture® Compatible	Broan Cover Size	NuTone Cover Size
SPK110	_	110	1.0	_	4	Yes	Yes	14 x 13	_
SPK80L	SPK80NL	80	2.5	LED	4	No	Yes	93/4 × 101/4	9 <b>3/4</b> x 11
FG800SPKS (upgrade cover)	FG800SPKNS (upgrade cover)	_	_	LED	_	<u>—</u>	_	9¾ × 10¼	9 <b>3</b> ⁄ <sub>4</sub> × 11
FG800SPK (upgrade cover 4-pack	FG800SPKN :) (upgrade cover 4-pack)	_	_	LED	_	_	_	9¾ × 10¼	9 <b>3/</b> <sub>4</sub> x 11

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates









# Upgrade Fan Covers FG800SPKS | FG800SPKNS\*\*

In just minutes, upgrade your classic or legacy bath fan models with Bluetooth® wireless speaker capability and bright, energyefficient LED lighting.

Visit Broan-NuTone.com for the list of compatible models.

\*\*While supplies last



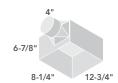
Scan or tap the code to see installation. No drywall work or extra wiring required. See page 45 for more information.

# Decorative ventilation. Draw fresh air into any room in the home—beautifully.

Imagine a fan/light combination fixture that unobtrusively blends into the ceiling. Or a statement fan/light with a stunning LED perimeter glow that showcases your unique décor. Our decorative series provides the necessary ventilation, all while meeting your decorating challenges without compromising your style.



- High efficiency centrifugal fan
- 70 CFM or 50–80 CFM, see table below
- Trim matches designs of major recessed light manufacturers
- Put multiple units in larger rooms
- All models UL Listed for use over tub and shower when connected to a GFCI protected branch circuit
- 6%" high housing appropriate for new construction and 2" x 8" ceiling joists
- 4" round duct connector
- Wall control switches available, see pages 48–51
- Type IC, sealed housing
- Not for use over cooking surfaces





# 744, 744NT, 744LED

- 744LED includes 9.5 watt, GU24 based LED bulb
- 744 and 744NT require PAR30L or PAR30LN type bulbs (not included). Both products use a standard E26 base (R30 or BR30 for standard applications)



# **744RNL**

- Selectable speeds of 50–80 CFM
- Quiet operation of 0.3 and 2.0 sones
- E26 LED bulb included
- Adjustable brackets to make installation easier
- ENERGY STAR® certified
- Choose bronze, nickel or white trim rings





- White trim ring included
- Selectable CFM with speeds of 50 or 80 CFM
- Quiet operation of 0.3 sones and 2.0 sones
- Matches most recessed lights to blend in seamlessly
- Plug-in permanently lubricated motor
- Rugged galvanized steel construction
- Adjustable mounting brackets for ease of installation
- UL listed for use over bathtubs and showers when connected to a GFCI protected branch circuit
- UL listed for use in insulated ceilings (Type IC)

Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
744	744NT	70	1.5	75W	4	No	Yes	7 <b>%</b> Dia
744LED	_	70	1.5	9.5W LED	4	Yes	Yes	7 <b>%</b> Dia
744L	_	50-80	0.3-2.0	75W	4	No	Yes	7 <b>%</b> Dia
_	744RNL	50-80	0.3-2.0	75W	4	Yes	Yes	7 <b>%</b> Dia

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates







Scan or tap the code to see the 744RNL installation video.



# Ventilation can be beautiful, as well as functional.

It might look like an attractive lighting fixture, but a decorative solution from Broan-NuTone brings powerful ventilation into any room—beautifully. Choose from styles and finishes that complement fixtures, finishes and hardware while delivering the ventilation power you need. It really is a breath of fresh air.



- Dimmable integrated LED module (except on 770RLTK/770RNLTK)
- Sturdy, easy, four-point mounting directly to the joist
- Motor engineered for continuous operation
- Rugged, galvanized steel construction



# AER110SLW, AERN110SLW, AER80LWH

- Low-profile designer style fan cover
- AER110SLW and AERN110SLW have humidity sensing capabilities to rapidly remove moisture
- AER110SLW and AERN110SLW are UL listed for use in insulated ceilings (Type IC)
- All models except AR80LWH are ENERGY STAR® Certified

# **AER110LBN**

- White fan covers complements any décor
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- Designed to fit the space of a heater/fan/light
- UL listed for use over tub and shower when installed in a GFCI protected circuit

# AR80MB

- Matte black decorative luminaire provides a distinctive accent
- Room-side retrofit install with EzDuct<sup>™</sup> connector—no attic access required
- TrueSeal™ Damper reduces air leakage up to 50%
- Foldable mounting ears enable easy installation—new construction or retrofit
- AC motor engineered for continuous operation

Broan Model	NuTone Model	CFM	Sones	Light	Humidity Sensing	Duct	ENERGY STAR®	Overture® Compatible	Cover Size
AER110SLW	AERN110SLW	110	1.5	16W LED	Yes	4	Yes	Yes	15 Dia
AER80LWH	AERN80LWH	80	0.8	16W LED	No	4	Yes	Yes	15 Dia
AER110LBN	_	110	1.5	16W LED	No	4	Yes	Yes	15 Dia
AR80MB	_	80	1.0	16W LED	No	4	No	No	15 Dia

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates







# **770RLTK, 770RNLTK**

- Includes two easy to change trim kits to match any décor, brushed nickel or brushed bronze
- Drywall cut completely covered with included adaptor plate
- Rugged, 26-gage galvanized steel construction
- Sturdy key-holed mounting brackets for quick and accurate installation
- 60 watt maximum, A19 type, E26 bulb or energy efficient equivalent (bulb not included)
- Not to be installed over a bathtub or shower enclosure
- UL listed for use in insulated ceilings (Type IC)

# AER110LTK, AERN110LTK

- Low-profile designer style fan cover
- Includes three easy-to-change trim kits to match any décor: white, brushed nickel or brushed bronze
- Dimmable integrated LED module
- Sturdy, easy, four-point mounting directly to the joist
- Motor engineered for continuous operation
- Rugged, galvanized steel construction
- ENERGY STAR® Certified
- UL listed for use in insulated ceilings (Type IC)

Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Overture® Compatible	Cover Size	
AER110LTK	AERN110LTK	110	1.5	16W LED	4	Yes	Yes	12 x 12	
770RLTK	770RNLTK	80	2.5	E26 Base	4	No	Yes	13 <b>¾</b> Dia	
ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates									









# Whether wall or ceiling mount, LoProfile is the right fan for a tight fit.

For some installations, conventional ventilation simply won't fit. Where multi-family applications require it, the LoProfile fan is narrow enough to be installed in a wall between 2x4 studs. If plumbing or electrical obstructions are found behind the drywall in ceiling remodel applications, the fan still fits without having to move anything. That way, any room can have powerful, quiet, efficient ventilation.

LP50100DC. Selectable CFM with speeds of 50-80-100.

# General Features (LP80, LP110, LP50100DC)

- Fits in 2x4 ceiling or wall construction
- >50 CFM at 0.25" static pressure meets ASHRAE 62.2 local ventilation requirements (with 4" oval duct or 3" round duct)
- Efficient operation lowers utility bills
- Ideal for multi-family applications
- Compatible with RDF1 Premium Radiation Damper (LP50100DC compatible with RDF2 Premium Radiation Damper)
- Project packs available
- 80 CFM with 4" duct ensures ample air movement; 70 CFM with 3" duct reducer
- 4" oval or 3" round duct connection for installation flexibility (LP110 and LP50100DC come with 4" duct only)





# LP80, LP110, LP50100DC

- Selectable CFM (LP50100DC only)
- May be used in compliance with Title 24
- TrueSeal® damper technology creates an airtight seal from inside the housing
- Maintains constant CFM to higher static pressure over the competition (LP50100DC only)
- to a GFCI protected branch circuit
- May be used with a radiation damper in multi-family homes

U	L Listed	for u	ıse	over	tub	or	sho	wer	when	connecte	ed
	050			1.1		1					

• Fits 2x4 wall or ceiling installation

Broan Model	CFM	Sones	Duct	ENERGY STAR®	Overture® Compatible	Broan Cover Size
LP80	80	1.0	4 Oval or 3 Round	Yes	Yes	14 x 13
LP110	110	1.5	4 Oval	Yes	No	14 x 13
LP50100DC	50-80-100	<0.3-0.7-1.2	4 Oval	Yes	No	14 x 13

ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates









**LPDCH Housing Pack** Broan® LoProfile Series Housing Pack, 50-80-100 Selectable CFM, ENERGY STAR®



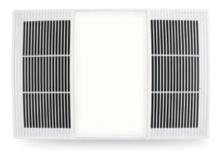


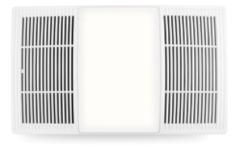
# Heater/Fan Solutions. Get instant heat, right when you need it. Exactly where you want it.

No matter where you live, there's certainly one room you never want to be chilly—the bathroom. Whether it's taking a morning shower, or relaxing in a whirlpool at the end of a long day, your family appreciates a warm, comfortable bathroom. Instead of waiting for the whole house to heat, get powerful heating, light and ventilation at the touch of a switch. Our heater fan/lights provide instant heat to quickly warm up the room, quiet ventilation to remove excess humidity, and convenient light. Operate each feature separately or simultaneously—no furnace required.

- Dimmable LED lighting with adjustable color temperature on FLED models
- Bright white fan cover matches any decor
- Quiet operation
- Quick and flexible installation for all types of construction







# PowerHeat™ Series BHFLED80, BHFLED110

- Heater/Fan/Light Heater/Fan, 14-amp circuit acceptable
- Features integrated dimmable LED with color adjustable CCT lighting; warm (2700K), bright (3500K), and daylight (5000K)
- LED dimmable lighting may be used as a nightlight (dimmer switch is not included)

# PowerHeat<sup>™</sup> Series BHF80, BHF110

Heater/Fan
 14-amp circuit acceptable





# **BHFLED80F Finish Pack**

- Features integrated dimmable LED with color adjustable CCT lighting; warm (2700K), bright (3500K), and daylight (5000K)
- LED dimmable lighting may be used as a nightlight (dimmer switch is not included)

# **BHFLED80H Housing Pack**

 Broan PowerHeat Series Housing pack, 80 CFM

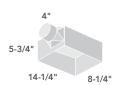
Broan Model	CFM	Sones	Light	Heater Watts	Duct	ENERGY STAR®	Cover Size
BHFLED110	110	2.0	Dimmable CCT LED	1500	4	No	113/4 × 173/4
BHFLED80	80	1.5	Dimmable CCT LED	1300	4	No	9¾ x 16¼
BHFLED80H	80	1.5	Dimmable CCT LED	1300	4	No	_
BHFLED80F	80	_	Dimmable CCT LED	1300	4	No	161/4 x 93/4
BHF110	110	2.0	_	1500	4	No	11¾ x 17¾
BHF80	80	1.5	_	1300	4	No	93/4 x 161/4

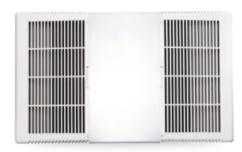
ENERGY STAR® fans use 70% less energy, on average, than standard models and may qualify for local utility rebates



Scan or tap to learn more about the Broan® PowerHeat™ LED Heater Exhaust Fan with CCT LED Lighting.

- Bright white fan cover matches any decor
- 1300-watt heater for instant heat when you want it
- Rugged galvanized steel housing stands up to moisture
- Automatic-reset thermal protection
- Fan, light and heater can operate independently
- Type IC
- Fits in 2x6 ceiling construction
- Two- or three-function wall controls are available separately (see guide on pages 48–51)





# 765H80L

Motor engineered for continuous operation

# **General Features & Benefits**

- Powerful ventilation
- Extra-quiet operation
- Bright ceiling light
- Convenient night light
- White fan cover
- 1500 watts of powerful heat
- Includes a four-function wall switch
- Fits 2x8 ceiling construction





QT9093WH

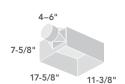
9093WH

NuTone Model	CFM	Sones	Light/Night Light	Heater Watts	Duct	Cover Size
765H80L	80	2.0	14W LED	1300	4	105/8 × 163/4
QT9093WH	110	4.0	100W/7W	1500	4	15 <b>%</b> Dia
9093WH	70	3.5	100W/7W	1500	4	15 <b>%</b> Dia

# **General Features**

- Efficient PowerHeat<sup>™</sup> heater design
- Choose standard E26 base (2, 60 watt) lighting (bulbs not included) or energy-efficient 36 watt GU24 fluorescent (bulbs included)
- Fan motor is engineered for continuous operation
- HVI Certified

- Type IC
- Requires a dedicated 20 amp circuit
- Switches sold separately (see guide on pages 48–51)
- 7 watt night-light (bulb not included)







# QTX110HL

# 765H110L

- 1500-watt heater with 360° directionally-adjustable design so heat ends up exactly where you want it
- Bright white fan cover matches any decor
- Select-your-bulb capacity and type (bulb not included)
- Fits in 2x6 ceiling construction
- Rugged galvanized steel housing stands up to moisture
- Motor engineered for continuous operation

Broan Model	NuTone Model	CFM	Sones	Light/Night Light	Heater Watts	Duct	Cover Size
QTX110HL	_	110	0.9	120W/7W	1500	6	15 x 20
_	765H110L	110	2.0	100W	1500	4	11½ x 17½

# Tired of your dirty, discolored old fan cover? Upgrade your look in 5 minutes.

Broan-NuTone® made upgrading your bath ventilation fan easier than ever. Our convenient upgrades enable you to put a fresh face on an old fan. See pages 42–47.

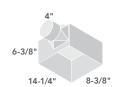




Is your fan ready for a new look? Scan or tap the code to see the complete compatibility cross-reference guide at Broan-NuTone.com



- Quiet, highly efficient blower wheels
- Dampers prevent backdrafts and eliminate mechanical noise
- 4" round duct connectors with tapered sleeves simplify ducting
- Fan and heater can operate independently
- Attractive white fan covers
- Compact steel housings with adjustable mounting brackets with keyhole slots that span up to 24"
- 250 watt R40 or BR40 size infrared bulbs (not included)
- Type IC, UL Listed for 60°C wiring (retrofits)





# 162, 9417DN While supplies last

• One-Bulb Heater/Fan



# 164, 9427P While supplies last

• Two-Bulb Heater/Fan, Two-function control

# **General Features & Benefits**

- Infrared bulbs deliver energy-saving warmth
- Get instant comfort in the bathroom without turning up the central thermostat
- 250 watt R40/BR40 size infrared bulbs (not included)
- Attractive, white fan covers
- Compact steel housings
- Adjustable mounting brackets with keyhole slots span up to 24"



161, 9412D While supplies last

• One-Bulb Heater, UL Listed for 75°C wiring



163, 9422P While supplies last

• Two-Bulb Heater, Type IC

Broan Model	NuTone Model	CFM	Sones	Light	Heater Watts	Duct	Cover Size
162*	9417DN**	70	4.0	250W Infrared	250*	4	101/4 × 101/4
161**	9412D**	_	_	250W Infrared	250	_	101/4 × 101/4
164*	9427P**	70	4.0	500W Infrared	500*	4	10½ × 155/8
163**	9422P**	_	_	500W Infrared	500	_	10½ × 155/8

<sup>\*</sup>Ventilation Fan/Bulb Heater versions

\*\*While supplies last

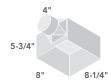


## Economy Fan/Lights. A well ventilated room is a healthier room.

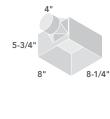
Keeping every room in your home fresh is easy and economical. That's why Broan-NuTone® engineers a ventilation solution to fit every room and budget. Consider a style, finish or shape that complements your room décor. Rest assured, if you're concerned about saving money and energy, our bath fans are the perfect fit for your room.











#### 678, 679, HD80L

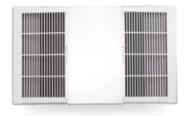
- White, fan cover complements any décor
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- HD80L is designed for continuous operation
- Project packs available for some models
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified

#### 763, 763N, HB80RL

- White, fan cover complements any décor
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- HB80RL is designed for continuous operation
- Project packs available for some models
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified







#### 750, 8664RP

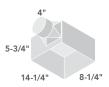
- Round design eliminates squaring with walls
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- 750 feature a regular light and nightlight
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified



#### 696 While supplies last

- White fan covers complements any décor
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- Designed to fit the space of a heater/fan/light
- UL listed for use over tub and shower when installed in a GFCI protected circuit

#### 668RP



Broan Model	NuTone Model	CFM	Sones	Light/Night Light	Duct	Overture® Compatible	Broan Cover Size	NuTone Cover Size
_	668RP	70	4.0	E26 Base	4	Yes	<del>_</del>	91/8 x 161/4
696**	_	100	4.5	E26 Base	4	Yes	105/8 x 163/4	_
750	_	100	5.0	100W / 7W Nightlight	4	Yes	15 Dia	_
_	8664RP	100	5.0	100W	4	Yes	15 Dia	15 Dia
678	763, 763N	50	2.5	E26 Base	4	Yes	10% × 11%	103/4 x 12
HD80L	HB80RL	80	2.5	100W Incandescent	4	Yes	10% × 11%	10¾ x 12
679	_	70	3.5	100W incandescent	4	No	105/8 x 111/8	_







- White fan cover complements any décor
- Fits 2x4 ceiling construction
- Metal fan cover kits available (sold separately)
- Project packs available for most models
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified



#### 696N

- White fan cover complements any décor
- Fits 2x4 ceiling construction
- Metal fan cover kits available (sold separately)
- Project packs available for most models
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified



#### 6884H New housing pack for 688.

The 6884H housing pack consists of 18 housings with 4" duct connectors attached.

Project packs are ideal for contractors and builders who have yet to pick out the final product.



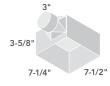
#### E050, E070

- White fan cover complements any décor
- Fits 2x4 ceiling construction
- 3" duct
- Metal fan cover kits available (sold separately)
- Project packs available
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI Certified

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Broan Model	NuTone Model	CFM	Sones	Duct	Overture® Compatible	Broan Cover Size	NuTone Cover Size
671	_	70	6.0	3	No	91/4 × 9	_
688	696N	50	4.0	3	Yes	91/4 × 9	9½ x 8 <sup>11</sup> / <sub>16</sub>
E050	_	50	2.5	3	Yes	93/4 × 91/4	_
E070	_	70	4.0	3	Yes	93/4 × 91/4	_





#### **Ductless ventilation made simple**

Ductless Bathroom Exhaust Fan with snap-in mounting and replaceable charcoal filter processes air to eliminate odors where ductwork is impossible or impractical. It is an easy to install solution for half baths or where humidity isn't a concern. Included is a long lasting, easy to replace charcoal filter. The easy snap-in mounting makes for a fast and simple installation.





682

97009563 filter for 682, \$97009563 filter for 682NT

Model	Duct	Cover Size
682	Duct-free	8½ x 8½



Scan to join Broan-NuTone in supporting severely wounded veterans and their families.

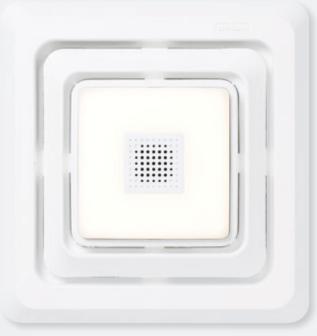


## Better Life. For Our Veterans. GARY SINISE FOUNDATION \*

We believe that Veterans who have risked their lives daily and return from service severely wounded deserve a better life and a home that meets their physical needs. As a result, we are pleased to support the **Gary Sinise Foundation** and their **R.I.S.E. Program**, which builds specially adapted smart homes that serve to restore independence and support the empowerment of these Veterans and their families. At Broan-NuTone, we are proud to donate our products to help improve the air for Veterans so they breathe fresh, clean air in their new forever home. **Broan-NuTone.com** 







OLD NEW

# Fan upgrade kits. If you have 5 minutes, it's easy to make a tired old fan new again.

Broan-NuTone® made upgrading your bath ventilation fan easier than ever. In a matter of minutes, our convenient kits enable you to put a fresh face on a reliable fan, add lighting, a Bluetooth® wireless speaker, or even a performance kit to reduce sound by up to 50%. Upgrade fan covers don't require any tools for installation. For performance kits, all you need is a flat head screwdriver. It's another fresh idea for fresher air.



No drywall cutting



No drywall patching



Plug-in upgrade



No wiring



No tools



#### SURFACESHIELD™ FG1000VV

- SurfaceShield™ LED light powered by Vyv™ prevents bacteria, mold, and fungi growth within your room
- SurfaceShield<sup>™</sup> technology combined with Broan's powerful ventilation is an effective one, two punch to kill\* viruses and prevent the growth of bacteria, mold, and fungi within your room
- Bright white finish matches most white ceiling paint
- Quickly and easily installs in under 5 minutes
- No cutting required—covers existing drywall cuts
- No additional wiring needed, plugs directly into existing lighting connection
- Compatible with existing ventilation fan housing dimensions of 9¼" x 10" (lighted fans only)
- Works with certain legacy Broan or NuTone InVent<sup>®</sup>, Flex Series<sup>™</sup>, or Roomside Series lighted exhaust fans
- NOTE: Due to certain State regulations this product is not available in Indiana and Hawaii.
- Fan cover dimensions: 121/4" x 121/4"



#### SURFACESHIELD™ LED MODULE VVLED

- The VVLED upgrade light module is compatible with the following fan models: AE80BL, AEN80BL, AEN80BL, AE110L, AEN110L, AE80LK, AE110LK, AE50110DCL, AE50110DCSL
- SurfaceShield<sup>™</sup> technology combined with Broan's powerful ventilation is an effective one, two punch to kill\* viruses and prevent the growth of bacteria, mold, and fungi within your room
- Quickly and easily installs in under 5 minutes

For a full list of SurfaceShield™ compatible models scan or tap the code.





#### CHROMACOMFORT™ FG600RGB

- Quickly and easily installs in under 5 minutes
- Customizable, color changing LED lighting and Bluetooth® wireless speaker to play your favorite music, podcast or news
- No additional wiring needed. Quick-connect plug allows you to upgrade without new wiring, even if the existing cover doesn't have a light
- Fan cover dimensions: 101/4" x 93/4"

Broan Model	Light	Install Time
FG1000VV* + FG1000VVS	SurfaceShield™ LED	< 5 min
VVLED	SurfaceShield™ LED	< 5 min
FG600RGB* + FG600RGBS	ChromaComfort™LED	< 5 min

<sup>\*4-</sup>pack



#### **SENSONIC® FG800SPK**

- Quickly and easily installs in under 5 minutes
- Brilliant LED lighting and Bluetooth® wireless speaker to play your favorite music, podcast or news
- No additional wiring needed. Quick-connect plug allows you to upgrade without new wiring, even if the existing cover doesn't have a light
- Soft LED lighting illuminates darker areas of the bathroom; 600 lumens; 3000K color temperature; rated life of 25,000 hours
- Fan cover dimensions: 101/4" x 93/4"



#### SENSONIC® FG800SPKN

#### While supplies last

- Includes 2 sets of fan cover springs for use with multiple ventilation fan models
- Compatible with existing ventilation fan housing dimensions of  $7\frac{1}{2}$ " x  $7\frac{1}{4}$ " and  $8\frac{1}{4}$ " x 8"
- Fan cover dimensions: 11" x 93/4"



## Upgrade your fan, and bring in some music.

Sensonic® speakers with Bluetooth® wireless technology fill your room with rich sound from above. Connect to your phone and bring music, talk or your favorite podcast through the dual high-fidelity speakers at the touch of a button.



#### CHROMACOMFORT™ SENSONIC® FG800RGB

- Quickly and easily installs in under 5 minutes
- Customizable, color changing LED lighting and Bluetooth® wireless speaker to play your favorite music, podcast or news
- No additional wiring needed. Quick-connect plug allows you to upgrade without new wiring, even if the existing cover doesn't have a light
- Fan cover dimensions: 101/4" x 93/4"

Broan Model	NuTone Model	Light	Speaker	Install Time
FG800SPK* + FG800SPKS	FG800SPKN* + FG800SPKNS**	LED	Bluetooth® Speaker	< 5 min
FG800RGB* + FG800RGBS	_	$ChromaComfort^{\scriptscriptstyle{TM}} LED$	Bluetooth® Speaker	< 5 min

<sup>\*4-</sup>pack

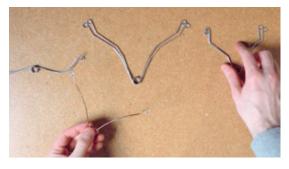


<sup>\*\*</sup>While supplies last

## Quick and easy installation in five simple steps.



**Step 1**Remove the old grille.



**Step 2**Match the spring size to your current fan.



**Step 3**Snap the springs into the cooresponding clips.



**Step 4**Squeeze and insert into the slots.



**Step 5**Push it up tight and you're done.





#### **LED LIGHT FG600**

- Quickly and easily installs in under 5 minutes
- Brilliant LED lighting illuminates darker areas of the bathroom; 750 lumens; 3000K color temperature; rated life of 25,000 hours
- No wiring needed; quick-connect plug allows you to easily connect the LED light
- No drywall cutting or patching required
- Bright white finish matches most white ceiling paint
- $\bullet$  Compatible with existing fan housing dimensions  $744"\times71\!\!\!/_2"$  and  $844"\times8"$
- Fan cover dimensions: 101/4" x 93/4"



#### **LED LIGHT FG500N**

- Quickly and easily installs in under 5 minutes
- Brilliant LED lighting illuminates darker areas of the bathroom; rated life of 25,000 hours
- No wiring needed; quick-connect plug allows you to easily connect the LED light
- No drywall cutting or patching required
- Bright white finish matches most white ceiling paint
- Compatible with existing fan housing dimensions  $7\frac{1}{4}$ " x  $7\frac{1}{2}$ " and  $8\frac{1}{4}$ " x 8"
- Fan cover dimensions: 11" x 93/4"



Scan or tap the code to see the FG701 installation video.



#### QUICKIT® QK60, QKN60

- Reduces sound by up to 50% while improving air movement by up to 20%
- 60 CFM adequately ventilates smaller baths and powder rooms
- 2.5 sones provides quiet performance
- White fan cover blends well with any décor
- Fan cover stays cleaner longer with fewer vent slots to clean
- Motor plate accommodates a variety of economy fan models
- Air and sound ratings are HVI Certified
- UL Listed



#### UNIVERSAL CLEANCOVER™ FG701

- Fresh, stylish design to easily revitalize an existing fan cover
- Quickly installs in under 5 minutes
- No drywall cutting or patching required
- Universal Fit for compatibility with small, medium and large size Broan and NuTone ventilation fans
- Bright white finish matches most white ceiling paint
- Low profile seamlessly blends into the ceiling
- Fan cover dimensions: 131/8" x 131/8"

Broan Model	NuTone Model	CFM	Sones	Light	Install Time
QK60* + QK60S	QKN60* + QKN60S	60	2.5	_	< 10 min
FG600* + FG600S	FG500N* + FG500NS	_	_	LED	< 5 min
FG701* + FG701S	_	_	_	_	< 5 min
4.4.1					

<sup>\* 4-</sup>pack

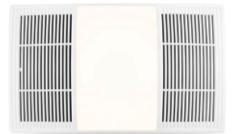


#### **INVENT® FGR300**

- Retrofits InVent® ventilation fan installations
- No drywall cutting or patching
- Hides existing dry wall cuts
- Instant upgrade blends with any décor
- Bright white finish matches most white ceiling paint
- Compatible with existing fan housing dimension of 9¼" x 10"
- Fan cover dimension: 111/2" x 12"
- Fits Broan® and NuTone® Roomside, Flex Series™ and InVent® Series fans without a light

#### **ECONOMY FGR101**

- Retrofits Economy Series ventilation fan installations
- No drywall cutting or patching
- Hides existing dry wall cuts
- Instant upgrade blends with any décor
- Bright white finish coordinates with most white ceiling paint
- $\bullet$  Compatible with existing fan housing dimension of  $71\!\!/2$  " x  $71\!\!/4$  "
- Fan cover dimension: 91/4" x 93/4"
- Fits Broan® and NuTone® Economy Series fans





#### FG80HBS

- Heater exhaust fan light upgrade
- Features integrated dimmable LED with color adjustable CCT lighting; warm (2700K), bright (3500K), and daylight (5000K)
- LED dimmable lighting may be used as a nightlight (dimmer switch is not included)
- Bright white finish matches most white ceiling paint
- Compatible with: Broan 655 revision C (units manufactured after the year 2001), NuTone 665RP, Broan 656, Broan 659, Broan 657, Broan 696, NuTone 668RP, NuTone 765H80L, & Broan 765H80LB.
- Fan cover dimensions: 93/4" x 161/4"

#### FG110HBS

- Heater exhaust fan light upgrade
- Features integrated dimmable LED with color adjustable CCT lighting; warm (2700K), bright (3500K), and daylight (5000K)
- LED dimmable lighting may be used as a nightlight (dimmer switch is not included)
- Bright white finish matches most white ceiling paint
- Compatible with: Broan 100HL, Broan 100HFL, NuTone 765HL, Nutone 765HFL, NuTone 765H110L, and Broan 765H110LB
- Fan cover dimensions: 11¾" x 17¾"

Broan Model	Heater Watts	Light	Install Time
FGR300* + FGR300S	_	_	< 10 min
FGR101** + FGR101S	_	_	< 5 min
FG80HBS	1300	Dimmable CCT LED	< 10 min
FG110HBS	1300	Dimmable CCT LED	< 10 min

<sup>\*4-</sup>pack

<sup>\*\*6-</sup>pack

# The control your fan needs to ventilate smarter.

The perfect control switch is a beautiful finishing touch, and our attractive options provide the speed, sensing and control needed for any spot ventilation solution. Sleek styles in bright white complement all designs and color palettes. All you need is the faceplate to match your décor. Installation is simple, and the results will help you breathe easy.







#### **Humidity Sensing Controls**

#### Sensaire™ Humidity Sensing Switch Models 82W\*

- Turn any ventilation fan into a humidity-sensing solution
- Up to 4X faster humidity sensing than the competition
- Helps reduce mold and mildew to improve indoor air quality
- Three easy-to-program modes: Auto Sense Mode, Duty Cycle Mode & RH% Humidistat mode
- Rated 120V at 60Hz, max total of 9 amps/switch
- Available in Ivory (V) or White (W)

#### Digital Dehumidistat Model DD500W\*

- Turn any ventilation fan into a humidity-sensing solution
- Reduce mold and mildew to improve indoor air quality
- Precision control enables desired humidity level to start the fan
- LED indicates fan on/off status
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete model DH100W







## Two-Function Control

#### Model P2RW\*

- Two rocker switches control any two functions: fan, light, heater or nightlight
- Save space, conveniently fitting in a single gang box
- Simple installation saves time and money
- Rated 120V at 60Hz, max total of 15 amps/switch
- Replaces obsolete models: 269VL, 269WL, 68V, 68W, P68W, P68WN

## Three-Function Control

#### Model P3RW\*

- Control multiple applications from a single, central location
- Control any exhaust fan, fan/light or heater/fan/light
- Save space, conveniently fitting in a single gang box
- Simple installation saves time and money
- Rated 120V at 60Hz, max total of 15 amps/switch
- Replaces obsolete models: 66V, 66W, P66V, P66W, P66WN

## Occupancy Sensor

#### Model MS100W

- Turn fan on/off when motion is sensed or stops
- Set fan/light runtime after motion stops
- Detect motion in rooms up to 900 square feet
- Sense motion up to 35 feet away
- Save energy by operating the fan/light only when motion is detected
- Rated 120V at 60Hz, max total of ½ HP, 300W LED/ CFL, 600W incandescent





## Speed Control Model SC100W\*

- Turns any PSC or AC fan into an adjustablespeed fan
- Control sound levels by adjusting fan speed and CFM power
- Adjust fan speed precisely to bathroom ventilation needs to save energy
- Rated 120V at 60Hz, max total of 3 amps/switch
- Replaces obsolete models: 277V, 57V, 57W, 75V, P57W, P57WN

#### 60 Minute Countdown Timer

#### Model CD60W\*

- Set countdown timer to 20, 40 or 60 minutes
- Can also be set to run continuously
- Save energy—countdown timer ensures the fan always turns off
- LED indicates run-time remaining
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete models: 59V, 59W, 61V, 61W, 62W, 63V, 63W, 71V, CFT12WH, P59V, P59W, P59WN, P61WN, VS63WH, VS66WH, VS67WH, VS68WH, VS69WH

### **Delay Off Timer**

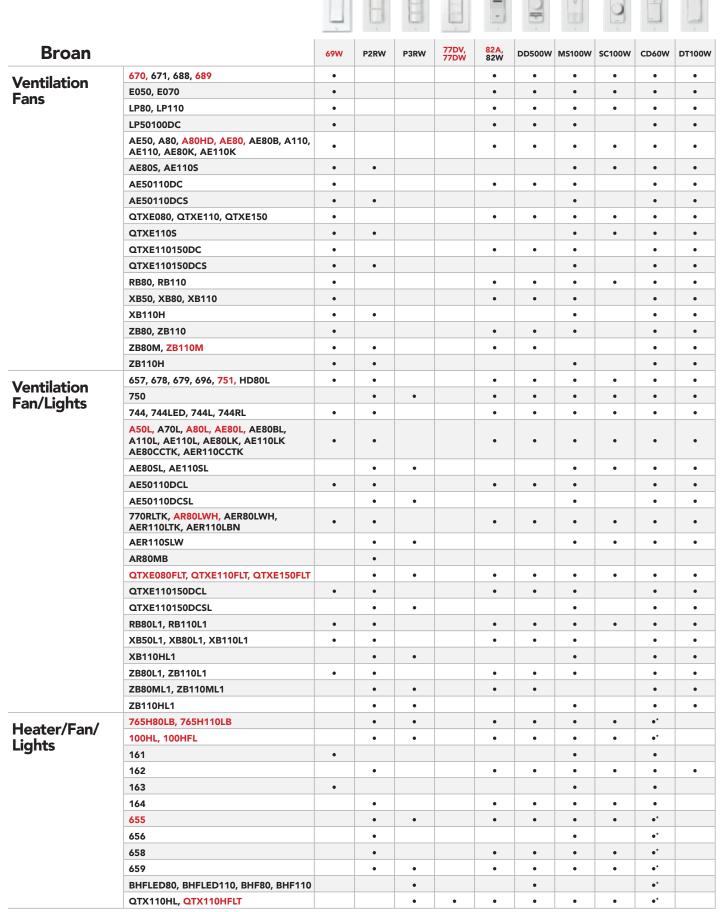
#### Models DT100W\*

- Use the 'delay' setting under the switch plate to ensure proper bathroom ventilation by keeping the fan running for 5 to 60 minutes after you leave
- Use the 'ventilation' setting to meet code requirements by ventilating the bathroom for a predetermined amount of time every hour
- User adjustable settings can be changed as much as desired until the perfect setting is found
- Designed to meet ASHRAE 62.2 and CalGreen Title 24 codes for continuous ventilation
- Rated 120V at 60Hz, max total of 6 amps/switch
- Replaces obsolete models: 64V, 64W



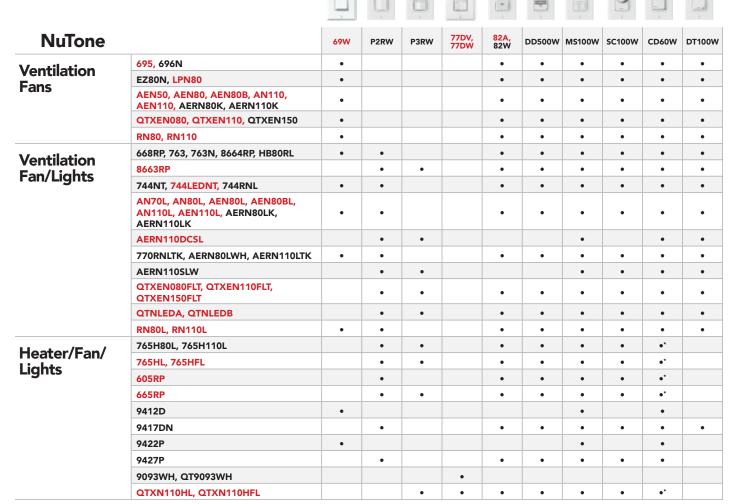
Precisely control the ventilation in your bathroom or indoor environment to mitigate mold and moisture issues from improper use of exhaust fans.

Make Sensaire™ your first choice in smart ventilation.



Products in red have been discontinued.

<sup>\*</sup>The CD60W will work with these heater/fan/lights if the heater is wired to a separate rocker switch



Products in red have been discontinued.

<sup>\*</sup>The CD60W will work with these heater/fan/lights if the heater is wired to a separate rocker switch



## Fresh In

## An energy-efficient, reliable way to bring fresh air inside.

In today's tightly built homes, bringing fresh air inside makes perfect sense, whether it's done to meet code requirements or for personal comfort preferences. That's why Broan offers Basic and Premium solutions to residential ventilation. Both models have variable speeds and an ultra-efficient Electronically Commutated Motor (ECM) to maintain a constant airflow. The Basic model is a single-mode solution that delivers continuous airflow. The Premium model utilizes an algorithm that satisfies three ventilation codes and offers five comfort modes to suit different climatic environments. Built-in intelligence delivers airflow without losing efficiency when installed according to industry best practices.

**An open window doesn't mean fresh air.** The moment you open a window, fine dust and other allergy aggravating particles settle onto every surface. Optional MERV 8 or MERV 13 rated filters remove particulates before air enters the dwelling.





#### FIN-180B, FIN-180P

- High efficiency ECM motor lowers energy consumption for more savings
- Blower efficiency as high as 8.4 CFM/W
- Constant airflow maintains the selected airflow under any conditions (up to 0.55 in. w.g.)
- Small and lightweight for easy installation and service
- $\bullet$  Super silent ventilation with a sound level of 0.65 @ 130CFM
- High density EPS insulated housing avoids condensation and air leakage
- 5-year parts warranty

Fresh In™ Series Model number	BASIC FIN-180B	PREMIUM FIN-180P
Constant Airflow	Yes	Yes
Unit Intelligence	No	Learning mode: AHU running time, outdoor temperature and humidity
Blower CFM	Selectable CFM: 30–180 CFM, 10 CFM increments	Intermittent (% running time) for unit intelligence: 130 and 180 CFM time-based adjustment
Static pressure*	Up to 0.4 in. w.g.—does not influence	e selected CFM level
Power consumption (watts)	10.8 at 90 CFM 0.2 in. w.g.	18.2 at 130 CFM 0.2 in. w.g.
Fan efficiency	8.3 at 90 CFM 0.2 in. w.g.	7.1 at 130 CFM 0.2 in. w.g.
Noise level	0.65 sones at 130 CFM	
Filter	Washable aluminum filter—optional I	MERV 8 and 13 filters
Motor	ECM, constant airflow	
Damper	Spring loaded with magnet	Motorized
Operating range of temperature & humidity	Continuous ventilation	3 codes compliant modes 5 comfort modes
Dimensions less ports	10-1/4" W x 14-3/4" D x 10" H	
Warranty on parts	5 years	
Optional wall control	No	VT11W
Optional finishing ring	FIN-R1015	
Product recommended for	Hot & Dry	Mixed & Hot, Dry & Humid
HVI Listed	Yes	Yes
ENERGY STAR® Certified	Yes	Yes
Overture® Compatible	Yes	No

\*Specifications subject to change. See specifications sheet at Broan-NuTone.com.





Fresh In™ Premium <sup>™</sup>			No Thermostat Call				Thermostat Heating Call		Thermostat Cooling Call	
		Lowe	er limit	Highe	er limit	Lower limit		Higher limit		
Code Compliant	Climate Zone	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	
1-ASHRAE 2016	_	14				14				
2-ASHRAE 2010	_	14		compl		14		Code compliant—		
3-IRC / IMC 2012– 2015	_	14	no limits			14	1	no limits		
Comfort modes										
A-Hot / Humid #1	2A, 1	40	23	88	73	32	14	96	78	
B-Hot / Humid #2	1, 2A	40	23	90	75	32	14	98	80	
C-Hot / Dry	2B	40	23	95	75	32	14	102	85	
D-Mixed / Humid	3A, 4A, 3C, 4C	40	23	85	75	32	14	90	80	
E-Mixed / Dry	3B, 4B	40	23	86	75	32	14	95	80	

<sup>\*\*</sup>The intelligent  $\mathbf{Fresh}$   $\mathbf{In}$ <sup>™</sup> algorithm is patent pending.

## Broan Fresh In<sup>™</sup> fits in, anywhere.

Install in any location or orientation—from the attic to the basement.





Optional VT11W Wall Control for Fresh In™ Premium features a filter clean indicator light.





## Utility fans. Every room can be more comfortable.

Every room needs ventilation. That's why we thought of every solution. Our utility fans deliver clean, fresh air wherever you need it—a bathroom, laundry room, recreation room, workshop or nursery. Look to our room-to-room, wall/ceiling mount, through-wall or vertical discharge utility fans for powerful spot ventilation. Simple, practical and powerful—our fans provide the quality you expect and the comfort you deserve.



#### General features for chain-operated utility fans

- Pull-chain opens the door and starts fan
- Housing adjusts to fit walls from 4½"-9½" thick
- Specially designed fan blade
- Housing features foam insulated door for energy efficiency
- Use for a garage, kitchen, laundry room, rec room, and more





#### 506

- 10" fan (10% diameter sleeve)
- 430 CFM, designed for use in a garage, kitchen, laundry room, rec room, and more
- 7.5 Sones

#### 507

#### While supplies last

- 8" fan (8%" diameter sleeve)
- 250 CFM
- 7.0 Sones

#### General features for room-to-room fans

- Adjustable mounting brackets span up to 24 in.
- Installs easily between ceiling joists or wall studs
- Built-in damper prevents backdrafts
- Bright white fan cover matches most white ceiling paint
- Permanently lubricated, thermally protected motor
- UL listed and HVI-2100 certified for safety



#### 510

#### While supplies last

- 370 CFM, Whole home or Commercial Ventilation
- 8.5 Sones

#### 511

- 180 CFM, powerful ventilation designed for larger rooms or master baths, eliminates moisture, pollutants, and odors from larger rooms
- 4.5 Sones







#### 502 While supplies last, 503

- Installs easily between ceiling joists or wall studs
- Built-in damper prevents backdrafts
- Fits 31/4" x 10" duct
- 502 is 300 CFM and 503 is 160 CFM
- 502 is 9.0 Sones and 503 is 5.0 Sones

#### 508 (10"), 509/509S (8")

- 509S: features an integral ON/OFF rotary switch-no wall switch to wire
- 509S: use in a garage, kitchen, laundry room, rec room, and more
- 508 is 290 CFM and 7.5 Sones
- 509/509S is 200 CFM and 8.5 Sones

Broan Model	CFM	Sones	Sizing Specifications	Overture® Compatible	Cover Size
506	430	7.5	Fits $4\frac{1}{2}$ "- $9\frac{1}{2}$ " thick walls	Yes	13½ x 13½
507**	250	7.0	Fits 4½"-9½" thick walls	Yes	11½ x 11½
510**	370	8.5	Fits 3"–5½" thick walls	Yes	13½ x 13½
511	180	4.5	Fits 3"–5½" thick walls	Yes	13½ x 13½
502**	300	9.0	Fits 3¼" x 10" duct	Yes	13½ x 13½
503	160	5.0	Fits 3¼" x 10" duct	Yes	11½×11½
508	290	7.5	Fits 4½"-9½" thick walls	Yes	13½ x 13½
509	200	8.5	Fits 4½"-9½" thick walls	Yes	11½ × 11½
509S	200	8.5	Integral ON/OFF Rotary Switch	Yes	11½×11½





#### 512 While supplies last

- 90 CFM, Powerful ventilation to remove moisture and reduce the risk of mold or mildew
- 4.0 Sones
- Built-in variable speed control
- Easy interior wall installation
- Galvanized steel housing stands up to moisture
- Permanently lubricated motor
- 6" room to room
- Use SC100W speed control separately



#### 512M

- 6" Through-Wall
- Louvered exterior wall cap with built-in bird screen
- 6" diameter flexible aluminum duct included
- 70 CFM and 6.0 Sones

#### **General Features & Benefits**

- Galvanized steel housing installs easily between ceiling joists
- Steel mounting brackets with keyhole slots for fast installation



#### 504

#### While supplies last

- 10" vertical discharge
- Fits 10" round duct-use Model 472 transition/ damper (available separately) for 8" round duct (performance will be reduced)
- 330 CFM and 8.0 Sones

#### 505

- 8" vertical discharge with built-in damper
- 8" fan, 8¼" diameter housing
- 200 CFM and 8.5 Sones



#### 673

#### While supplies last

- 6" vertical discharge with built-in damper
- 6" paintable fan, spin-on, white fan cover
- 60 CFM and 4.5 Sones

Broan Model	CFM	Sones	Sizing Specifications	Overture® Compatible
512**	90	4.0	Fits up to 51/8" thick walls	Yes
512M	70	6.0	Fits up to $5\%$ "–10" thick walls	Yes
504**	330	8.0	Fits 10" round duct	Yes
505	200	8.5	Fits 8" round duct	Yes
673**	60	4.5	Fits 6" round duct	Yes



7-7/8" dia

3-1/4"



#### 8210 Ceiling Mount, Vertical Discharge 8310 Wall/Ceiling Mount, Side discharge only While supplies last

- 160 CFM, powerful ventilation designed for larger rooms or master baths, eliminates moisture, pollutants, and odors form larger rooms
- Steel mounting brackets with keyhole slots for fast installation
- Duct size 8" diameter
- 3¼" x 10" duct, side discharge
- Installs easily in walls or ceiling
- Built-in backdraft damper
- UL Listed for use in cooking areas

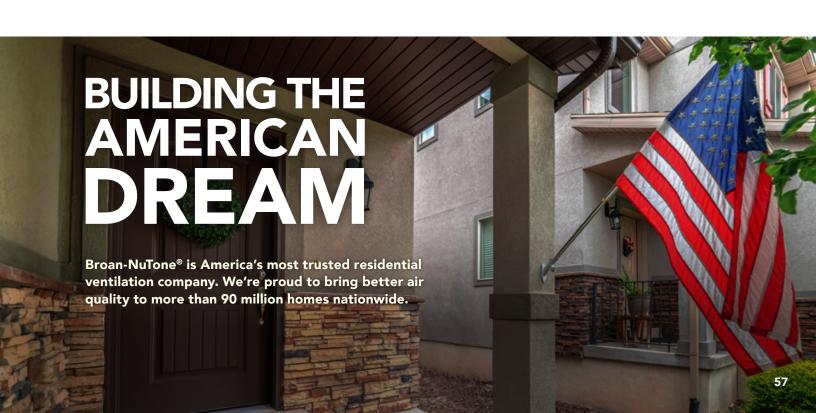


#### While supplies last • Ventilates directly through the roof with round ducting

- 210 CFM, Whole home or Commercial Ventilation
- 6.5 Sones
- Surface-mount fan installs on interior walls with ease
- Room-to-room wall fan
- Two attractive white fan covers can be painted to match decor
- High-strength, reinforced fan blade
- Permanently lubricated motor for a long life
- Specially designed housing reduces diameter of discharge opening to fit 7" round duct; no reducer needed
- UL Listed for use in cooking areas

NuTone Model	CFM	Sones	Duct	Overture® Compatible
8210**	210	6.5	Room-to-room	Yes
8310**	160	5.0	8	Yes







## High-traffic environments need high performance ventilation.

Need an exceptionally quiet solution to light commercial ventilation? With their heavy-duty motors, Broan-NuTone High Capacity Ventilation Fans are the perfect answer for ventilating conference rooms, dining areas, public restrooms and other heavily-trafficked spaces. Low-vibration and low-profile, these discrete products work quietly and powerfully behind the scenes to remove odor, humidity and air-borne particulates that affect indoor air quality.



#### L100E, L150E, L200E, L250E, L300E Available end of 2022

- Ceiling mounted
- 8" round metal duct connector
- 20 gauge galvanized steel housing
- Duct horizontally or vertically
- Low profile, white plastic fan cover
- Model MG1 metal fan cover sold separately
- Models L100E, L150E, L200E, L250E and L300E are cULus listed for use over tubs and showers when connected to a GFCI branch circuit
- Model 80L Variable Speed Control adjusts blower speed and sound level (available separately)

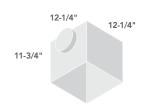




#### L100EL, L150EL, L200EL, L250EL, L300EL Available end of 2022

- Inline mounted
- Removable access panel, no insulation
- Two 8" round duct connectors
- No fan cover
- Suitable for kitchen installations







#### L100, L150

- 6" round metal duct connector
- Single, impact-resistant centrifugal blower wheel housing
- 20 gauge galvanized steel housing
- Duct horizontally, vertically, or in-line with a separate adapter
- Low profile, white or painted white enamel metal fan cover
- Models L100L and L150L are UL Listed for use over tubs and showers when connected to a GFCI branch circuit
- Model 80L Variable Speed Control adjusts blower speed and sound level (available separately)

#### L200, L250, L300

- 8" round metal duct connector
- Single, impact-resistant centrifugal blower wheel (Model L300KMG has a metal wheel)
- 20 gauge galvanized steel housing
- Duct horizontally, vertically, or in-line with a separate adapter
- Models L200L, L250L and L300L are UL Listed for use over tubs and showers when connected to a GFCI branch circuit
- Model 80L Variable Speed Control adjusts blower speed and sound level (available separately)



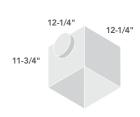
#### L400, L500, L700

- $\bullet$  4½" x 18½" duct connector
- Two impact-resistant centrifugal blower wheels
- Duct horizontally or vertically—In-line available with separate adapter
- Quiet automatic backdraft dampers



#### L100L, L150L

- Removable access panel, no insulation
- Two 6" round duct connectors
- No fan cover



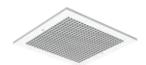
#### L200L, L250L, L300L

- Suitable for kitchen installations
- Removable access panel, no insulation
- Two 8" round duct connectors

#### Metal Fan Cover Upgrade Compatible with L100, L150 L200 L250 and

Model MG1

L150, L200, L250 and L300 series ventilation fans. Installation can be completed in 5 minutes or less



#### Model 80L Variable Speed Control

Specially designed for use with Broan LoSone Select® ventilators rated at 3 Amps or less



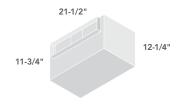
## Model RD1 Radiation Damper Prevents the rapid spread of fire to other areas of a home

during a fire









VENTILATION IN COMMON AREAS WHEN YOU NEED IT



#### L400L, L500L, L700L

• Removable access panel; no insulation



#### L900, L1500

• L900 can use the 80L variable speed blower control (sold separately)



#### L900L, L1500L

- Removable access panel; no insulation
- Can use the 80L variable speed blower control (sold separately)



#### L2000L

- 38"L x 14%"W x 14%"H
- Fits 7¾" x 33¾" duct
- Optional metal fan cover (Model G102) and damper kit (Model D100)

Broan Model	CFM	Sones	Duct	Overture® Compatible
L400L	406	1.6	4½ x 18½	Yes
L500L	519	3.4	4½ x 18½	Yes
L700L	681	3.7	4½ x 18½	Yes
L900	901	4.1	8 x 12	Yes
L900L	894	3.8	8 x 12	Yes
L1500L	1214	6.7	8 x 12	Yes
L2000L	1791	9.4	7¾ x 33¾	Yes



#### **ROOF CAPS**

#### Model S437

 High-capacity design up to 1200 CFM



- Built-in bird screen
- Steel housing, black electrically bonded epoxy finish

#### Model 611\*\*

- For flat roof installation
- Aluminum natural finish
- For up to 8" round duct

#### Model 611CM\*\*

- For curb mount installation
- Other features same as Model 611



- For flat roof installation
- Aluminum natural finish
- For up to 12" round duct



- For curb mount installation
- Other features same as Model 612

#### Model 634

- For 3¼" x 10" or up to 8" round duct
- Built-in backdraft damper and bird screen
- Steel housing, black electrically bonded epoxy finish

#### Model 634M

• Same as Model 634, except for 6" round duct

#### Model 644\*\*

 Same as Model 634, except aluminum natural finish



#### **GREASE FILTERS**

#### **Model SLAF1**

- Aluminum mesh filter traps grease and protects motor
  - r fo
- Dishwasher safe
- SLAF1 (12" x 12") for L100/150/200/250/300 Series
- SLAF1 for use with metal covers

#### **WALL CAPS**

#### Model 441

- For 10" round duct
- Steel with aluminum louvers



#### Model 613\*\*

- For 12" round duct
- Built-in backdraft damper and bird screen
- Aluminum natural finish

#### Model 641

• Same as Model 613, except for 6" round duct

#### Model 643

- For 8" round duct
- Built-in backdraft damper
- Aluminum natural finish

#### Model 843BL

- For 6" round duct
- Built-in backdraft damper and bird screen
- Black finish



#### **IN-LINE ADAPTERS**

#### Model 961L\*\*

- For L100/L150 Series
- Galvanized steel
- 6" round duct intake

#### Model 981L\*\*

- For L200/L250/L300 Series
- Galvanized steel
- 8" round duct intake

## Model 982L\*\*

- For L400/L500/L700 Series
- Galvanized steel
- 4½" x 18½" duct intake



#### Model 983L\*\*

- For L900/L1500 Series
- Galvanized steel
- 8" x 12" duct intake



#### **DUCT TRANSITIONS**

#### Models \$423 & \$T81212

- Galvanized steel
- \$423: (4½" x 18½" to 10" round)
- ST81212: (8" x 12" to 12" round)



#### VIBRATION DAMPENING HANGERS

#### Model V104\*\* (not shown)

- For Model L2000L
- Heavy gauge steel construction
- Neoprene vibration dampening cushion
- Maximum load 75 lbs (each)
- For %" diameter threaded rod (available separately from others)
- Set of four required for each ventilator

#### **METAL GRILLE KIT**

#### Model MG1

- For L100/150/200/ 250/300 Series
- White enamel painted steel
- Mounting screws included

#### **RADIATION DAMPERS**

When excessive heat is detected, the breakaway fusible link triggers the closing of the radiation damper's fire resistant screen to prevent smoke and fire from traveling through ductwork.

#### **Features**

- 165° fusible link
- Galvanized steel frame
- Stainless steel negator-type closure spring



## High Capacity Models RD1, RD2, RD3 (not shown)

- UL rated 3-hour ceiling radiation dampers
- High temperature, non-asbestos, reinforced fiber thermal fabric
- RD1 (12½" x 12½") for L100/150/200/250/300 Series
- RD2 (21¾" x 12½") for L400/500/700 Series
- RD3 (22¼" x 18¼") for L900/1500 Series





#### Digital Dehumidistat Model DD500W\*

- Turn any ventilation fan into a humidity-sensing solution
- Reduce mold and mildew to improve indoor air quality
- Precision control enables desired humidity level to start the fan
- LED indicates fan on/off status
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete model DH100W



## Two-Function Control Model P2RW\*

- Two rocker switches control any two functions: fan, light, heater or nightlight
- Save space, conveniently fitting in a single gang box
- Simple installation saves time and money
- Rated 120V at 60Hz, max total of 15 amps/switch
- Replaces obsolete models: 269VL, 269WL, 68V, 68W, P68W, P68WN



#### 60 Minute Countdown Timer

#### Model CD60W\*

- Set countdown timer to 20, 40 or 60 minutes
- Can also be set to run continuously
- Save energy—countdown timer ensures the fan always turns off
- LED indicates run-time remaining
- Rated 120V at 60Hz, max total of 9 amps/switch
- Replaces obsolete models: 59V, 59W, 61V, 61W, 62W, 63V, 63W, 71V, CFT12WH, P59V, P59W, P59WN, P61WN, VS63WH, VS66WH, VS67WH, VS68WH, VS69WH



### **Delay Off Timer**

#### Model DT100W\*

- Use the 'delay' setting under the switch plate to ensure proper bathroom ventilation by keeping the fan running for 5 to 60 minutes after you leave
- Use the 'ventilation' setting to meet code requirements by ventilating the bathroom for a predetermined amount of time every hour
- User adjustable settings can be changed as much as desired until the perfect setting is found
- Designed to meet ASHRAE 62.2 and CalGreen Title 24 codes for continuous ventilation
- Rated 120V at 60Hz, max total of 6 amps/switch
- Replaces obsolete models: 64V, 64W



### Variable Speed Control

#### Model 80L

- Adjust ventilation easily in any room
- Variable Speed Control mounts inside the fan housing and enables blower speed adjustment
- For Broan High Capacity Fans L100–L900
- Speed control with metal housing
- Perforated fan insulation for easy installation
- 120V, 3 amps, 60 Hz

Model	L100–L700 Series	L900 Series	L1500 Series	L2000L	HD50L HD80L
CD60W*	•	•	•	•	
DT100W*	•	•			
P2RW*					•
80L	•	•			
DD500W*	•	•	•	•	

<sup>\*</sup>Faceplate not included







# Attic ventilation. Push the heat out. Put money back in your wallet.

**Prevent heat and moisture build-up.** Attics can reach over 150°F in summer, warming your living area, increasing the air-conditioning load and your energy bill. In winter, ice dams can form, and moist air can condense causing mildew, rotting wood and wet insulation. Year-round attic ventilation ensures a cooler, drier attic which can extend the life of your roof and air conditioner, while lowering air conditioning expense.



#### **Attic Ventilation Calculator**

How much attic ventilation do you need? Scan this QR code and you'll know what you need in a few minutes.



#### **General Features & Benefits**

- Reduces moisture in attic
- Lowers temperature of home in summer
- Metal flashing allows for nailing and hot tar application
- Mesh bird screen

- Built-in adjustable thermostat for automatic operation at your chosen temperature
- Mounts easily between rafters, installation template included







353, 35316 While supplies last

- Galvanized steel housing for added strength
- Combine with automatic shutter (model 433) to get optimum efficiency and performance

#### **Powered Attic Ventilation Specifications**

Model	Attic Sq Ft	AMPs	CFM*	RPM	Height	Diameter	Dome Material	Color
Roof Mount								
356BK	Up to 2285	8.0	1600	1500	8	231/4	PVC	Brown/Black
Gable Mount								
353 <sup>†</sup>	Up to 1460	3.4	1020 / 760**	1030	_	_	_	_
35316 <sup>†</sup> **	Up to 2285	3.9	1600 / 1160**	1420	_	_	_	_

<sup>\*\*</sup>While supplies last

#### Surface mount solar ventilation

For most roofs, our onepiece solar-powered attic ventilator (SPAV) is the perfect solution. Because our solar cells are highly efficient at capturing the sun's energy, there is no need for unsightly raised panels or tracking systems. Instead, what you see is a low profile ventilator in a contoured design that integrates well with the roof.



**345SOBK** 









#### Solar-powered Attic Ventilators—Surface, Curb, Remote and Gable

Broan Model	NuTone Model	CFM	Attic Max Cubic Ft.	ws	Color
345SOBK		537	3200	28	Black
345SOWW**		537	3200	28	Weathered Wood

<sup>\*\*</sup>While supplies last



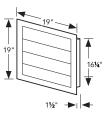
#### **DD500W** Remote In-Line Ventilator

Turn any ventilation fan into a humidity-sensing solution. Reduce mold and mildew to improve indoor air quality. Precision control enables desired humidity level to start the fan.



#### **Automatic Shutter for** Gable Mount Attic Ventilators While supplies last

Feature counter-balanced aluminum vanes that automatically open and close when the ventilator turns on and off Better air flow than stationary attic louvers Extruded aluminum frame fits flush with outside wall Weather-tight closure Easy to install



For use with Broan Models 353 and 35316.

#### **DUCTING**

#### Model 406 Round Duct\*\*

- 6" round duct
- 2' galvanized section

#### Model 407 Round Duct\*\*

- 7" round duct
- 2' galvanized section

#### **Model 410 Round Duct**

- 10" round duct
- 2' galvanized section



#### **DUCTING KITS**

## Model RVK1A† Flexible Roof Ducting Kit

- Includes Model 636 Roof Cap
- 4" diameter metal duct connector
- 2 duct clamps
- 4" to 3" reducer
- 8' of 4" flexible aluminum ducting



## Model WVK2A† Flexible Wall Ducting Kit

- Includes white polymeric wall cap
- 4" diameter metal duct connector
- 2 duct clamps
- 4" to 3" reducer
- 5' of 4" flexible aluminum ducting



#### **ELBOWS**

#### Model 418 Adjustable Elbow

• Fits 10" round duct



#### **FILTERS**

#### Model 99010042 Aluminum Filter

 Fits Utility Ventilator Models 503, 503MG, 505, 505MG, 509, 509MG, 509S and 509SMG



#### Model 99010271 Aluminum Filter

 Fits Utility Ventilator Models 12C, 12CMG, 502, 502MG, 504, 504MG, 508, 508MG, 510, 510MG, 511 and 511MG



#### **ROOF CAPS**

#### Model S437 10" Round†

- High-capacity design up to 1200 CFM
- Backdraft damper and built-in bird screen
- Welded steel construction
- Black powder coat finish



- For flat roof installation
- Aluminum natural finish
- For up to 8" round duct



#### Model 611CM Roof Cap†\*\*

- For curb mount installation
- Other features same as Model 611

#### Model 612 Roof Capt\*\*

- For flat roof installation
- Aluminum natural finish
- For up to 12" round duct

## Model 612CM Roof Cap†\*\*

- For curb mount installation
- Other features same as Model 612

#### Model 634 Roof Cap†

- For 3¼" x 10" or up to 8" round duct
- Black powder coat finish
- Backdraft damper and bird screen
- Welded steel construction







#### **ROOF CAPS CONTINUED**

#### Model 634M Roof Cap†

• Same as Model 634 except for 6" round duct



#### Model 636 Roof Cap†

- For 3" or 4" round duct
- Built-in backdraft damper and bird screen
- Black powder coat finish
- Welded steel construction

#### Model 636AL Roof Cap†\*\*

 Same as Model 636, except aluminum natural finish



#### **TRANSITIONS**

#### **Model S413 Transition**

• Converts 3¼" x 10" duct to 8" round duct



#### Model 463B Transition\*\*

• 3-4" duct expander



#### Model 465B Transition\*\*

• 4-5" duct expander



#### **WALL CAPS**

#### Model 613 Wall Cap†\*\*

- For 12" round duct
- Built-in backdraft damper and bird screen
- Aluminum natural finish

#### Model 639 Wall Capt

- For 3¼" x 10" duct
- Spring-loaded backdraft damper
- Built-in bird screen
- Black powder coat finish
- Welded steel construction

#### Model 641 Wall Cap†

- For 6" round duct
- Spring-loaded backdraft damper
- Built-in bird screen
- Aluminum natural finish
- Model 647 for 7" Round duct

#### Model S647 Wall Cap†

- For 7" round duct
- Other features same as Model 641

#### Model 649 Wall Cap†\*\*

 Same as Model 639, except aluminum natural finish

#### Model 843BL Wall Cap†

- For 6" round duct
- Built-in backdraft damper and bird screen
- Black powder coat finish
- Welded steel construction

#### WALL CAPS CONTINUED

#### Model 885BL Wall Capt

- For 3" or 4" round duct
- 4" to 3" transition included
- Black powder coat finish
- Standard package—6 to a carton
- Spring-loaded backdraft damper
- Built-in, welded bird screen
- Welded steel construction



#### Model 642

- For 4" round duct
- Aluminum natural finish
- 4 to a carton



- For 8" round duct
- Aluminum natural finish
- Backdraft damper, no bird screen



- Single pack
- White polymeric

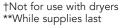
#### Model WC650 Wall Cap†\*\*

- For 4" round duct
- White polymeric
- 4 to a carton









#### **SPECIFICATIONS**

#### FLEX SERIES™ FANS & FAN/LIGHTS

				Sones,	Baths	Lighting				Н	ousing S	ize	Cove	Size		
Broan Model	NuTone Model	Page	CFM	HVI- Certified	up to () Sq Ft	Watts Main/ Night Light	ENERGY STAR®	Lighting Type	Duct Size"	L"	w"	н"	L"	w"	Cover Finish	Amps
AE50110DC		8	50-80-110	<0.3-0.4-0.9	105	_	Yes	_	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	0.3
AE50110DCL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	91/4	10	5¾	113/4	121/2	WP	0.4
AE50110DCS		8	50-80-110	<0.3-0.4-0.9	105	_	Yes	_	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	0.3
AE50110DCSL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	0.4
AE80K		11	80	0.7	75	_	Yes	_	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
AE110		11	110	1.0	105	_	Yes	_	4	91/4	10	5 <b>¾</b>	111/2	12	WP	0.3
AE80B		11	80	1.2	75	_	Yes	_	4	91/4	10	5¾	111/2	12	WP	0.3
AE50		11	50	0.5	45	_	Yes	_	4	91/4	10	5 <b>¾</b>	111/2	12	WP	0.2
A80		11	80	2.0	75	_	No	_	4	91/4	10	5 <b>¾</b>	111/2	12	WP	0.37
AE80S		9	80	0.7	75	_	Yes		4	91/4	10	5 <b>¾</b>	111/2	12	WP	0.3
AE110K		11	110	1.0	105	_	Yes	_	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
A110		11	110	3.0	105	_	No	_	4	91/4	10	5¾	111/2	12	WP	0.4
AE110S		9	110	1.0	105	_	Yes		4	91/4	10	5 <b>¾</b>	111/2	12	WP	0.3
A110L*		10	110	1.3	105	E26 Base	No	_	4	91/4	10	5 <b>¾</b>	111/2	121/8	WP	1.2
A70L*		10	70	2.0	65	E26 Base	No	_	4	91/4	10	5 <b>¾</b>	111/2	121/8	WP	1.2
AE80BL		10	80	1.2	75	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	0.3
AE80LK		10	80	0.7	75	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
AER80CCTK		10	80	0.7	75	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
AE80SL		9	80	0.7	75	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	1.2
AE110LK		10	110	1.0	105	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
AER110CCTK		10	110	1.0	105	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3
AE110L		10	110	1.0	105	11W LED	Yes	LED	4	91/4	10	5 <b>¾</b>	113/4	121/2	WP	0.3
AE110SL		9	110	1.0	105	11W LED	Yes	LED	4	91/4	10	5 <b>3</b> /4	113/4	121/2	WP	1.2
AR110LKVV	ARN110LKVV	21	110	1.0	105	11W LED	No	LED	4	91/4	10	5 <b>¾</b>	121/4	121/4	WP	0.3

<sup>\*</sup>Bulb not included.

#### **FANS**

Broan	NuTone	D-	СЕМ	Sones, HVI-	Baths	ENERGY	Duct Size"	H	lousing Si	ze	Cove	r Size	Cover	A
Model	Model	Page	CFM	HVI- Certified	up to () Sq Ft	STAR®	Duct Size"	L"	w"	Н"	L"	W"	Finish	Amps
E050		40	50	2.5	45	No	3	71/4	71/2	3 <b>5/8</b>	91/4	93/4	WP	1.1
E070		40	70	4.0	65	No	3	71/4	71/2	3 <b>5/8</b>	91/4	93/4	WP	1.5
671		40	70	6.0	65	No	3	71/4	71/2	3 <b>5/8</b>	9	91/4	WP	1.2
682		41	_	_	_	No	Duct-free	71/ <sub>8</sub>	71/8	3 3/4	81/2	81/2	WP	1
688	696N	40	50	4.0	45	No	3	71/4	71/2	3 5/8	9	91/4	WP	0.9
LP80		31	80	1.0	75	Yes	4" Oval or 3" Round	113/8	101/2	4	13	14	WP	0.3
LP110		31	110	1.5	105	Yes	4" Oval	113/8	101/2	4	13	14	WP	0.3
LP50100DC		31	50-80-100	<0.3-0.7-1.2	90	Yes	4" Oval	113/8	101/2	4	13	14	WP	0.4
SPK110		25	110	1.0	105	Yes	4	113/8	101/2	75⁄8	13	14	WP	0.9
QTXE080		14	80	0.3	75	Yes	6	113/8	101/2	75⁄8	13	133/4	WP	0.2
QTXE110		14	110	0.7	105	Yes	6	113/8	101/2	7 <b>%</b>	13	133/4	WP	0.3
QTXE110S		14	110	0.7	105	Yes	6	113/8	101/2	7 <b>%</b>	12 <b>7/8</b>	133/4	WP	0.3
QTXE150		14	150	1.4	140	Yes	6	113/8	101/2	7 <b>%</b>	13	133/4	WP	0.5
QTXE110150DC		13	110-130-150	<0.3-0.4-0.7	140	Yes	6	113/8	101/2	75⁄8	13	133/4	WP	0.4
QTXE110150DCS		13	110-130-150	<0.3-0.4-0.7	140	Yes	6	113/8	101/2	7 <b>%</b>	13	133/4	WP	0.5
RB80		19	80	<0.3	75	Yes	4	113/8	101/2	7 <b>%</b>	13	133/4	WP	0.3
RB110		19	110	0.6	105	Yes	4	11 <b>3</b> /8	101/2	7 <b>%</b>	13	133/4	WP	0.3
XB50		18	50	<0.3	45	Yes	6" Round + 6" to 4" Reducer	101/2	113/8	75/s	13	133/4	WP	0.1
XB80		18	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	101/2	113/8	75 <b>/8</b>	13	133/4	WP	0.1
XB110		18	110	<0.3	105	Yes	6	101/2	113/8	7 <b>%</b>	13	13¾	WP	0.2
XB110H		17	110	<0.3	105	Yes	6	101/2	113/8	7 <b>%</b>	13 <b>1</b> /8	14	WP	0.2
ZB80		18	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	101/2	113/8	7 <b>%</b>	13	133/4	WP	0.1
ZB80M		17	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	101/2	11 <b>3</b> /8	7 <b>%</b>	13 <b>1</b> /8	14	WP	0.1
ZB110		18	110	<0.3	105	Yes	6	101/2	113/8	7 <b>%</b>	13	13¾	WP	0.2
ZB110H		17	110	<0.3	105	Yes	6	101/2	113/8	75/8	131/8	14	WP	0.2

Radiation Dampers can be found on pages 14 and 61. \*With 6" duct (with 4" duct 0.3).

#### **FAN/LIGHTS**

Broan Model	NuTone Model	Page	СЕМ	Sones, HVI-Certified	Baths up to () Sq Ft	Lighting Watts Main/ Night Light	ENERGY STAR®	Lighting Type	Duct Size"	Hou	sing	Size	Cover		Cover Finish	
Wodel	668RP	39	70			0 0		туре		L"		H"	L"	W"		2
/70				4.0	65	E26 Base	No		4	141/4		5 3/4		10%		
678	763, 763N	39	50	2.5	45	E26 Base	No		4	81/4	8	5 3/4				1.6
679		39	70	3.5	65	A19	No		4	8		5 3/4		111/8		2
696		39	100	4.5	90	E26 Base	No		4	141/4		5 3/4		10%		2
744	744NT	27	70	1.5	65	75W	No		4				7%Dia		MW	1.2
744L		27	50–80	0.3–2.0	75	75W	No		4				7%Dia		MW	1.3
	744RNL	27	50–80	0.3–2.0	75	75W	Yes	LED	4				7%Dia		MW	0.4
AER110SLW	AERN110SLW	29	110	1.5	105	16W LED	Yes	LED	4	9 1/4	10	5 3/4	15 Dia	_	White	0.6
AER80LWH	AERN80LWH	29	80	0.8	75	16W LED	Yes	LED	4	9 1/4	10	5 3/4	15 Dia	_	White	0.5
AER110LBN		29	110	1.5	105	16W LED	Yes	LED	4	9 1/4	10	5 3/4	15 Dia	_	Bright Nickel	0.6
770RLTK	770RNLTK	29	80	2.5	75	E26 Base	No		4	8	81/4	5 3/4	13¾ Dia	<u> </u>	White	1.5
AER110LTK	AERN110LTK	29	110	1.5	105	16W LED	Yes	LED	4	9 1/4	10	5 3/4	12	12	Multiple	0.6
AR80MB		29	80	1.0	75	50W LED	No	LED	4	9 1/4	10	5 3/4	15	51/4	MB	0.7
744LED		27	70	1.5	65	9.5W LED	Yes	GU24 Base	4	81/4	12 3/4	67/8	7 <b>%</b> Dia	_	MW	0.55
750		39	100	5.0	90	100W / 7W Nightlight	No	_	4	9	9	6	15 Dia	_	WP	1.9
	8664RP	39	100	5.0	90	100W	No	_	4	9	9	6	15 Dia	_	WP	1.9
HD80L	HB80RL	39	80	2.5	75	100W Incandescent	No	_	4	81/4	8	5 <b>¾</b>	111/8	105/8	WP	1.5
QTXE110150DC	L	13	110-130-150	<0.3-0.4-0.7	140	Integrated LED	Yes	LED	6	113/8	101/2	75/8	13	13¾	WP	0.5
QTXE110150DC	SL	13	110-130-150	<0.3-0.4-0.7	140	Integrated LED	Yes	LED	6	113/8	101/2	75/8	13	13¾	WP	0.5
RB80L1		19	80	<0.3	75	LED	Yes	LED	4	113/8	101/2	75/8	141/4	133/4	WP	1
RB110L1		19	110	0.8	105	LED	Yes	LED	4	113/8	101/2	75/8	141/4	133/4	WP	1
SPK80L	SPK80NL	25	80	2.5	75	LED	No	LED	4	81/4	8	5 <b>¾</b>	101/4	9 3/4	WP	0.5
SPK110RGBL	SPKN110RGBL	23	110	1.5	105	Integrated RGBL LED	No	LED	4	91/4	10	53/4	131/4	131/4	WP	0.7
XB50L1		18	50	<0.3	45	LED	Yes	LED	6" Round + 6" to 4" Reducer	101/2	113/8	75/8	141/4	133/4	WP	0.7
XB80L1		18	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	101/2	113/8	75/8	141/4	133/4	WP	0.7
XB110L1		18	110	<0.3	105	LED	Yes	LED	6	101/2	11%	75/8	141/4	13¾	WP	0.9
XB110HL1		17	110	<0.3	105	LED	Yes	LED	6	101/2	11%	75/8	141/4	133/4	WP	0.9
ZB80L1		18	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	101/2	11%	75/8	141/4	133/4	WP	0.8
ZB80ML1		17	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	101/2	11%	75/8	141/4	133/4	WP	0.8
ZB110L1		18	110	<0.3	105	LED	Yes	LED	6	101/2	113/8	75/8	141/4	13¾	WP	0.9
ZB110HL1		17	110	<0.3	105	LED	Yes	LED	6	101/2	11%	75/8	141/4	133/4	WP	0.9
ZB110ML1		17	110	<0.3	105	LED	Yes	LED	6	101/2	11%	75/8	141/4	133/4	WP	0.9

<sup>\*</sup>With 6" duct (with 4" duct 0.3)

#### **BULB HEATER (NO FAN)**

Broan			Lighting Watts Main/	Н	ousing S	ize	Cove	er Size				Heater		
Model	Model	Page	CFM	Certified	Night Light	L"	W"	H"	L"	W"	Cover Finish	Duct Size"	Amps	Wattage
161**	9412D**	36	n/a	n/a	250W Infrared	8 <b>1</b> /8	8 <b>3</b> /8	6	101/4	101/4	White Polymeric		2.1	250
163**	9422P**	36	n/a	n/a	500W Infrared	141/4	8 <b>1</b> /8	6	105/8	101/4	White Polymeric		4.3	500

See models 162 and 164 above for Ventilation Fan/Bulb Heater versions \*\*While supplies last

#### **SPECIFICATIONS**

#### **HEATER/FAN/LIGHTS**

Broan	NuTone			Sones, HVI-	Baths up to	Lighting Watts Main/	ı	Housing Size	9	Cove		Cover	Duct		Heater
Model	Model	Page	CFM	Certified	() Sq Ft	Night Light	L"	W"	Н"	L"	W"	Finish	Size"	Amps	Wattage
162*	9417DN	36	70	4.0	Not Specified	250W Infrared	81/8	83/8	63/8	101/4	101/4	WP	4	2.5	250*
164*	9427P	36	70	4.0	Not Specified	500W Infrared	141/4	83/8	63/8	155/8	101/4	WP	4	4.5	500*
QTX110HL		35	110	0.9	105	120W/7W	175/8	113/8	7 <b>5</b> /8	20	15	WP	6	14.6	1500
	765H110L	35	110	2.0	105	100W	16	101/4	5 <b>%</b>	17 <b>½</b>	111/2	WP	4	14	1500
	765H80L	34	80	2.0	75	14W LED	141/4	81/4	5¾	16¾	10%	WP	4	11	1300
BHF80		33	80	1.5	75	_	141/4	81/4	5¾	161/4	93/4	Bright White	4	12	1300
BHF110		33	110	2.0	110	_	16	101/4	5 <b>%</b>	173/4	113/4	Bright White	4	14	1500
BHFLED80		33	80	1.5	75	11.5W LED	141/4	81/4	5¾	161/4	93/4	Bright White	4	12	1300
BHFLED110		33	110	2.0	105	11.5W LED	16	101/4	5 <b>%</b>	173/4	113/4	Bright White	4	14	1500
	QT9093WH	34	110	4.0	105	100W/7W	13 1/4	18 <b>1/8</b>	71/2	15 <b>%</b> diameter		WP	4	14.3	1500
	9093WH	34	70	3.5	65	100W/7W	13 1/4	18 <b>1</b> /8	71/2	15% diameter		WP	4	14.3	1500

<sup>\*</sup>Ventilation Fan/Bulb Heater versions

#### **UPGRADE KITS**

							-	lousing	9		ver				Total	Connect	ed	
Broan Model	NuTone Model	Page	CFM	Sones	Lighting Watts Main/ Night Light	Speaker	L"	Size W"	н"	Si L"	ze W"	Cover Finish	Install Time	Duct Size"	Amps		Heater Wattage	вти
FG1000VV + FG1000VVS		43	N/A	N/A	SurfaceShield™ LED powered by Vital Vio®	N/A	N/A	N/A	N/A	121/4	121/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG110HBS		47	N/A	N/A	LED	N/A	N/A	N/A	N/A	173⁄4	113/4	Bright White	< 10 min	N/A	N/A	N/A	1300	N/A
FG600 + FG600S	FG500N + FG500NS	46	N/A	N/A	LED	N/A	N/A	N/A	N/A	101/4	93/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG600RGB, FG600RGBS		43	N/A	N/A	White and multi-colored lighting modes	N/A	N/A	N/A	N/A	101/4	93/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG701 + FG701S		46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	131/4	131/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG800RGB, FG800RGBS		44	N/A	N/A	White and multi-colored lighting modes	N/A	N/A	N/A	N/A	101/4	93/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG800SPK + FG800SPKS**	FG800SPKN + FG800SPKNS	44	N/A	N/A	LED	Bluetooth® Speaker	N/A	N/A	N/A	101/4	93/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FG80HBS		47	N/A	N/A	LED	N/A	N/A	N/A	N/A	161/4	93/4	Bright White	< 10 min	N/A	N/A	N/A	1300	N/A
FGR101 + FGR101S		47	N/A	N/A	N/A	N/A	N/A	N/A	N/A	91/4	93/4	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
FGR300 + FGR300S		47	N/A	N/A	N/A	N/A	N/A	N/A	N/A	111/2	12	Bright White	< 5 min	N/A	N/A	N/A	N/A	N/A
QK60 + QK60S	QKN60 + QKN60S	46	60	2.5	N/A	N/A	N/A	N/A	N/A	101/8	10	White	< 10 min	N/A	N/A	N/A	N/A	N/A
VVLED		43	N/A	N/A	SurfaceShield™ LED powered by Vital Vio®	N/A	N/A	N/A	N/A	N/A	N/A	N/A	< 5 min	N/A	N/A	N/A	N/A	N/A

#### POWERED ATTIC VENTILATORS—GABLE AND ROOF MOUNT

					Housing Size										
Broan Model	NuTone Model	Page	CFM	Sones	Description	L"	w"	н"	Amps	Dome Color	Dome Material				
353		65	1020	N/A	PAV-Gable Mount	15 Dia	_	8	3.4	_	_				
35316		65	1600	N/A	PAV-Gable Mount	15 Dia	_	8	3.9	_	_				
356BK		65	1600	N/A	PAV–Roof Mount	221/4 Sq	23¼ Dia Dome	8	8.0	Black	PVC				

#### SOLAR-POWERED ATTIC VENTILATORS—SURFACE, CURB, REMOTE AND GABLE

				Housing	Solar Panel Power		Dome/Panel Dimensions (inches)			
Model*	Page	Mount	Color	Material*	Output	Pieces	Height"	Width"	Length"	
345SOBK	65	Curb	Black	ABS Plastic	28 Watts	1 pc	11	29 <b>7</b> /8	26 <b>5</b> /8	
345SOWW**	65	Curb	Weathered Wood	ABS Plastic	28 Watts	1 pc	11	29 <b>7</b> /8	26 <b>5</b> /8	

<sup>\*</sup>All UV-enhanced ABS plastic housings may be painted to match roof color

<sup>\*\*</sup>While supplies last

#### **UTILITY FANS**

					Housing Size			Cover Size		
	luTone ⁄Iodel	Page	CFM	Sones	L"	W"	Н"	L" W"	Amps	Duct Size
502**		55	300	9.0	16 <b>¾</b>	13 <b>7</b> /8	31/4	13 <b>½</b> Sq	1.7	3 <b>1</b> /4" × 10"
503		55	160	5.0	14	12	31/4	11 <b>½</b> Sq	1.5	3 <b>½</b> " × 10"
504**		56	330	8.0	_	101/4 Rd	7	13 <b>½</b> Sq	1.7	10"
505		56	200	8.5	_	8¼ Rd	7	11 <b>½</b> Sq	1.5	8"
506		55	430	7.5	_	10 <b>%</b> Rd	_	13 <b>½</b> Sq	1.7	Direct Discharge
507**		55	250	7.0	_	8 <b>%</b> Rd	_	11 <b>½</b> Sq	1.5	Direct Discharge
508		55	290	7.5	_	10 <b>%</b> Rd	_	13 <b>½</b> Sq	1.7	Direct Discharge
509		55	200	8.5	_	8 <b>%</b> Rd	_	13 <b>½</b> Sq	1.5	Direct Discharge
509S		55	200	8.5	_	8 <b>%</b> Rd	_	13 <b>½</b> Sq	1.5	Direct Discharge
510**		55	370	8.5	_	11½ Sq	_	13 <b>½</b> Sq	1.7	Room to room wall fan
511		55	180	4.5	_	11½ Sq	_	13 <b>½</b> Sq	0.9	Room to room wall fan
512**		56	90	4.0	_	6 Rd	_	8 Dia	0.7	Room to room wall fan
512M		56	70	6.0	_	6 Rd	_	8 Dia	0.7	Direct Discharge
673**		56	60	4.5	_	61/4 Rd	51/4	8 Dia	1.0	6"
82	210**	57	210	6.5	_	9 Dia	5 <b>%</b>	11 Dia	0.8	7"
83	310**	57	160	5.0	14	12	31/4	11 Dia	1.5	31/4" × 10"

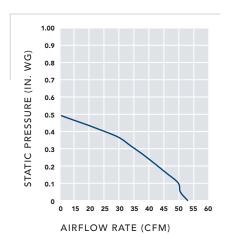
<sup>\*\*</sup>While supplies last

#### LIGHT COMMERCIAL

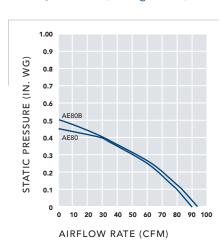
Broan Model	Page	СҒМ	Sones	Housing Size			Cover Size			
				L"	w"	н"	L"	w"	Amps	Duct Size
L100	59	109	0.9	121/4	121/4	113/4	14	14	1.1	6"
L100L	59	106	0.7	121/4	121/4	113/4	N/A	N/A	1.1	6"
L150	59	157	1.5	121/4	121/4	113/4	14	14	1.3	6"
L150L	59	147	1.1	121/4	121/4	113/4	N/A	N/A	1.3	6"
L200	59	210	1.7	121/4	121/4	113/4	14	14	1.8	8"
L200L	59	195	1.9	121/4	121/4	113/4	N/A	N/A	1.8	8"
L250	59	259	2.2	121/4	121/4	113/4	14	14	2.1	8"
L250L	59	245	2.3	121/4	121/4	113/4	N/A	N/A	1.8	8"
L300	59	308	2.9	121/4	121/4	113/4	14	14	2.1	8"
L300L	59	293	3.1	121/4	121/4	113/4	N/A	N/A	2.6	8"
L400	59	434	2.3	121/4	121/4	113/4	231/4	14	1.4	4½" × 18½"
L400L	60	406	1.6	121/4	211/2	113/4	N/A	N/A	1.4	4½" × 18½"
L500	59	514	3.3	121/4	121/4	113/4	231/4	14	2.2	4½" × 18½"
L500L	60	519	3.4	121/4	211/2	113/4	N/A	N/A	2.2	4½" × 18½"
L700	59	701	4.7	121/4	121/4	113/4	231/4	14	2.9	4½" × 18½"
L700L	60	681	3.7	121/4	211/2	113/4	N/A	N/A	2.9	4½" × 18½"
L900	60	901	4.1	22	18	18	237/8	197/8	3.0	8" x 12"
L900L	60	894	3.8	22	18	18	N/A	N/A	3.0	8" x 12"
L1500L	60	1214	6.7	22	18	18	N/A	N/A	5.9	8" x 12"
L2000L	60	1791	9.4	38	145/8	145/8	N/A	N/A	5.8	7 <b>¾</b> " × 33 <b>¾</b> "

#### Flex SERIES™

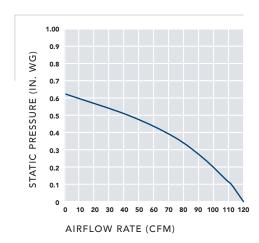
#### AE50 (Ceiling Mount)



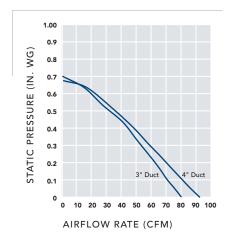
#### AE80, AE80B (Ceiling Mount)



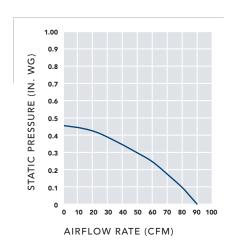
#### AE110 (Ceiling Mount)



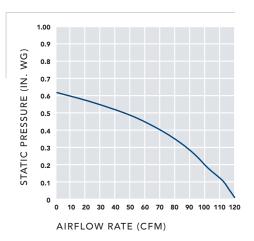
#### LP80 (Ceiling Mount)



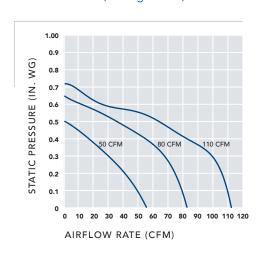
**AE80BL** (Ceiling Mount)



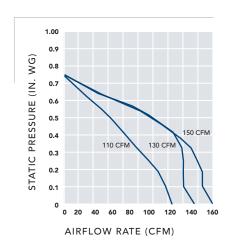
**AE110L** (Ceiling Mount)



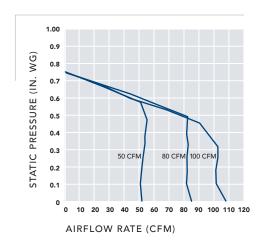
#### AE50110DC (Ceiling Mount)



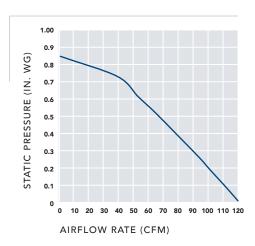
#### QTXE110150DC (Ceiling Mount)



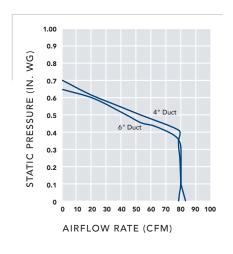
#### LP50100DC (Ceiling Mount)



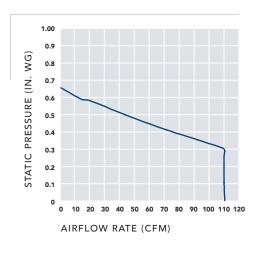
LP110 (Ceiling Mount)



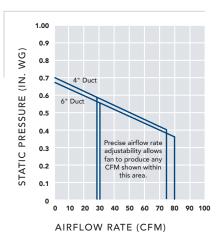
XB80 (Ceiling Mount)



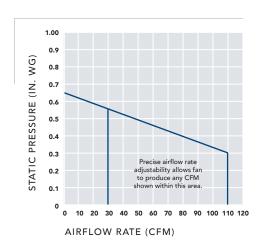
XB110 (Ceiling Mount)



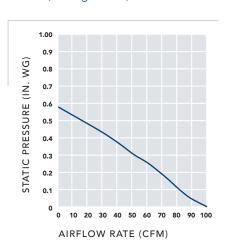
**ZB80** (Ceiling Mount)



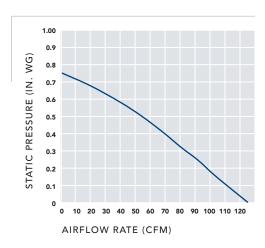
**ZB110** (Ceiling Mount)



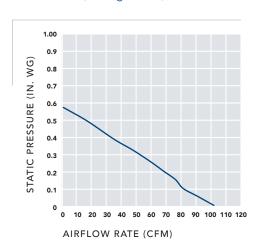
RB80 (Ceiling Mount)



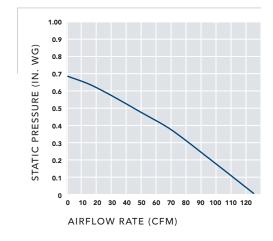
#### RB110 (Ceiling Mount)



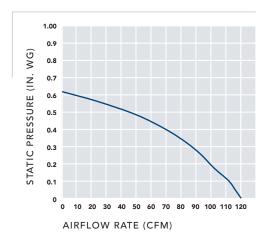
#### **QTXE080** (Ceiling Mount)



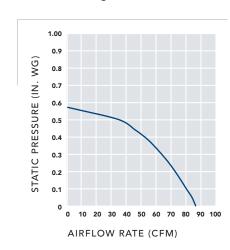
#### QTXE110 (Ceiling Mount)



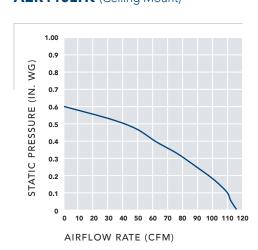
#### AR110LKVV (Ceiling Mount)



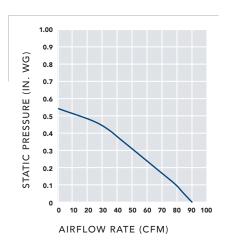
SPK80 (Ceiling Mount)



**AER110LTK** (Ceiling Mount)

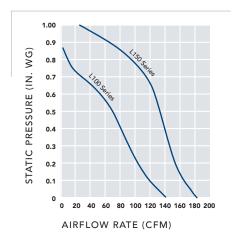


### AER80LWH (Ceiling Mount)

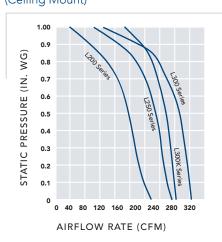


#### LIGHT COMMERCIAL

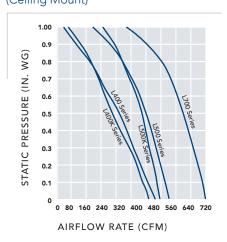
L100, L150 Series (Ceiling Mount)



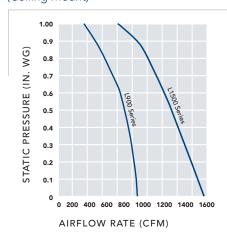
L200, L250, L300 Series (Ceiling Mount)



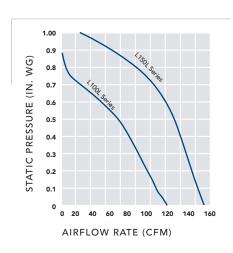
**L400, L500, L700 Series** (Ceiling Mount)



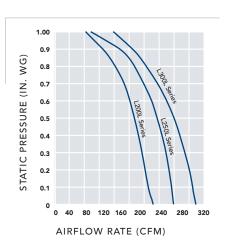
L900, L1500 Series (Ceiling Mount)



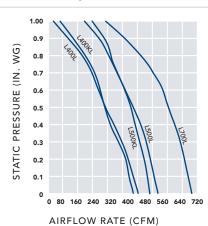
L100L, L150L (In-Line)



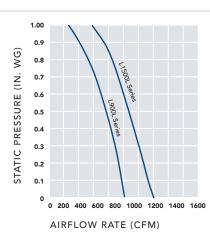
**L100L, L150L** (In-Line)



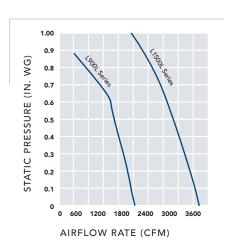
**L400L, L400KL, L500L, L700L** (Ceiling Mount)



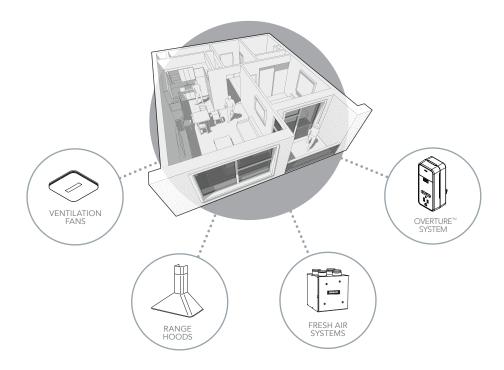
**L900L, L1500L** (In-Line)



**L2000L** (In-Line)



For In-line models, performance listed is for straight-through ducting at .125" static pressure. For complete sones and CFM at other static pressures, see our Web site at www.Broan-NuTone.com.



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