



Ventilation Fans

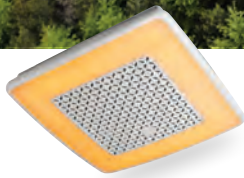


Dirty Air Out. Clean Air In.

**BREATHE
EASIER**



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.

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 nearly 90 years, Broan-NuTone has led the industry with residential ventilation solutions that improve indoor air quality and provide healthier home environments.



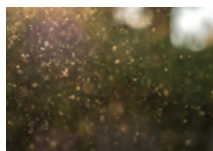
Moisture

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.

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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.



Nearly 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 nearly 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 Green® Multi Speed	ZB80	80	<0.3*	22
	ZB80M	80	<0.3*	21
	ZB110	110	<0.3	22
	ZB110H	110	<0.3	21
	ZB110M	110	<0.3	21
ULTRA Green® Single Speed	XB50	50	<0.3	22
	XB80	80	<0.3*	22
	XB110	110	<0.3	22
	XB110H	110	<0.3	21
ULTRA Pro®	RB80	80	<0.3	23
	RB110	110	0.6	23
QTXE™ SmartSense®**	QTXE080	80	0.3	17
	QTXE110	110	0.7	17
	SSQTXE080	80	0.3	19
LoProfile	SSQTXE110	110	0.7	19
	LP80	80	1.0	33
Flex Series™	AE50	50	0.5	11
	AE80	80	0.7	11
	AE110	110	1.0	11

Fan/Light Series	Model	CFM	Sones	Page No.
ULTRA Green® Multi Speed	ZB80L1	80	<0.3*	22
	ZB80ML1	80	<0.3*	21
	ZB110L1	110	<0.3	22
	ZB110HL1	110	<0.3	21
	ZB110ML1	110	<0.3	21
ULTRA Green® Single Speed	XB50L1	50	<0.3	22
	XB80L1	80	<0.3*	22
	XB110L1	110	<0.3	22
	XB110HL1	110	<0.3	21
ULTRA Pro®	RB80L1	80	<0.3	23
	RB110L1	110	0.8	23
QTXE™	QTXE080FLT	80	0.3	16
	QTXE110FLT	110	0.7	16
Flex Series™	AE80L	80	0.7	10
	AE110L	110	1.0	10

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



*With 6" duct (0.3 Sones with 4" duct)
**SmartSense Models: SSQTXE080 and SSQTXE110 (see page 19)



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





Flex Series™. Take the aggravation out of installation.

Flex Series™ 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 an Flex Series™ solution for every installation.



Easy roomside installation. Airtight performance. LED lighting.



FoldAway® Mounting Ears simplify new construction and fold flat for roomside retrofits.



LED lighting offers energy efficiency and longevity. The 11-watt, 800 lumen integrated module lasts up to 25,000 hours.



TrueSeal® damper technology reduces air leakage up to 50%, and saves up to 1 HERS point and \$9 per year in operating costs.*



EzDuct™ Connector enables roomside installation without attic access. Pull the 4" duct through, attach the EzDuct™ 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.



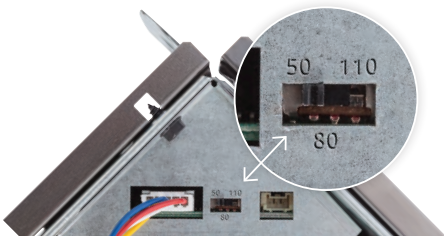
Scan the code to see how Flex Series™ fans simplify installation.

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

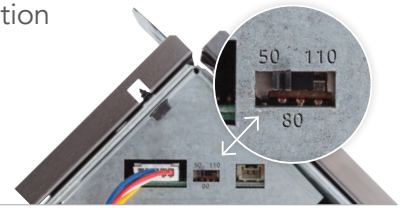
- 50% more airtight
- Select 50, 80 or 110 CFM with a switch
- Dimmable LED fan/lights
- Humidity sensing models
- Quiet operation as low as <0.3 Sones
- Flange kit for a leak-free seal (sold separately)
- Enhanced energy efficiency—up to 14.7 CFM/watt



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

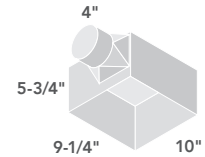
Flex DC Series™ Simplify installation with three-way selectable CFM.

The Flex DC Series 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



NEW
AE50110DC



NEW
AE50110DCS
• Sensaire™ Sense on Rise technology



NEW
AE50110DCSL, AE50110DCL
• Dimmable, Title 24 compliant LED lighting
• Sensaire™ Sense on Rise technology on model AE50110DCSL
• Grille pictured is AE50110DCSL

UP TO
50% LESS
AIR LEAKAGE



Snap-fit Flange Kit

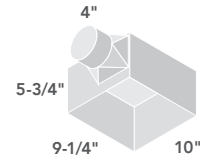
Installation and retrofit upgrades just got easier. Go flangeless or add the flange by simply snapping it on the side of the fan housing for a professional finish and tighter, leak-free seal.

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

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

General Features & Benefits

- 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
- RDM2 radiation damper accessory for Flex Series



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

DID YOU KNOW?

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

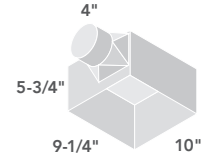
Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Cover Size
AE80S	80	0.7	—	Humidity	4	Yes	12 x 11½
AE110S	110	1.0	—	Humidity	4	Yes	12 x 11½
AE80SL	80	0.7	11W LED	Humidity	4	Yes	12½ x 11¾
AE110SL	110	1.0	11W LED	Humidity	4	Yes	12½ x 11¾

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



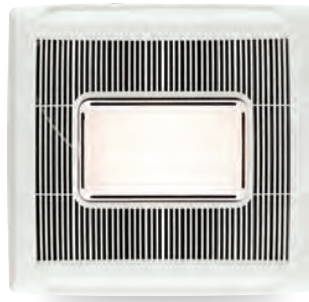
General Features & Benefits

- 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



A50L, A70L, A80L, A110L

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



AN70L, AN80L, AN110L

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



AE80BL, AE80L, AE110L

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

NEW



VVLED

Convert your ventilation fan to a SurfaceShield® bacteria-fighting solution.

The VVLED upgrade light is compatible with the following models: AE50110DCL, AE80BL, AE80L, AE80SL, AE110L, AEN80BL, AEN80L, AEN110L, AE80LK and AE110LK.



AEN80BL, AEN80L, AEN110L

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



NEW

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

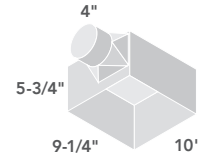
Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Cover Size
A50L**	—	50	1.5	E26 Base	4	No	12 ¹ / ₈ x 11 ¹ / ₂
A70L**	AN70L**	70	2.0	E26 Base	4	No	12 ¹ / ₈ x 11 ¹ / ₂
A80L**	AN80L**	80	1.0	E26 Base	4	No	12 ¹ / ₈ x 11 ¹ / ₂
A110L**	AN110L**	110	1.3	E26 Base	4	No	12 ¹ / ₈ x 11 ¹ / ₂
AE80BL	AEN80BL	80	1.2	11W LED	4	Yes	12 ¹ / ₂ x 11 ³ / ₄
AE80LK	—	80	0.7	11W LED	4	Yes	12 ¹ / ₄ x 12 ¹ / ₄
AE80L	AEN80L	80	0.7	11W LED	4	Yes	12 ¹ / ₄ x 12 ¹ / ₄
AE110L	AEN110L	110	1.0	11W LED	4	Yes	12 ¹ / ₂ x 11 ³ / ₄
AE110LK	—	110	1.0	11W LED	4	Yes	12 ¹ / ₄ x 12 ¹ / ₄

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

**Bulb not included.

General Features & Benefits

- 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



NEW

**A80, A110, AE50, AE80
AE80B, AE110**

**AN110, AEN50
AEN80, AEN80B, AEN110**

AE80K, AE110K

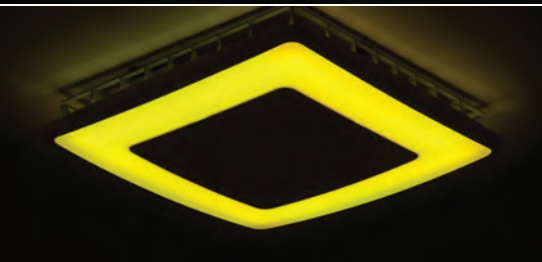
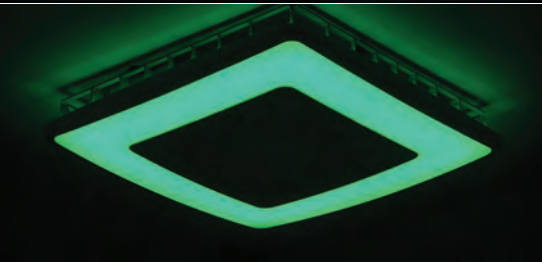
Broan Model	NuTone Model	CFM	Sones	Duct	ENERGY STAR®	Broan Cover Size	NuTone Cover Size
A80	—	80	2.0	4	No	12 x 11½	—
A110	AN110	110	3.0	4	No	12 x 11½	12 x 11¼
AE50	AEN50	50	0.5	4	Yes	12 x 11½	12 x 11¼
AE80K	—	80	0.7	4	Yes	12¼ x 12¼	—
AE80	AEN80	80	0.7	4	Yes	12 x 11½	12 x 11¼
AE80B	AEN80B	80	1.2	4	Yes	12 x 11½	12 x 11¼
AE110	AEN110	110	1.0	4	Yes	12 x 11½	12 x 11¼
AE110K	—	110	1.0	4	Yes	12¼ x 12¼	—

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**BUILDING THE
AMERICAN
DREAM**

Broan-NuTone® is America's most trusted residential ventilation company. We're proud to bring better air quality to more than 90 million homes nationwide.

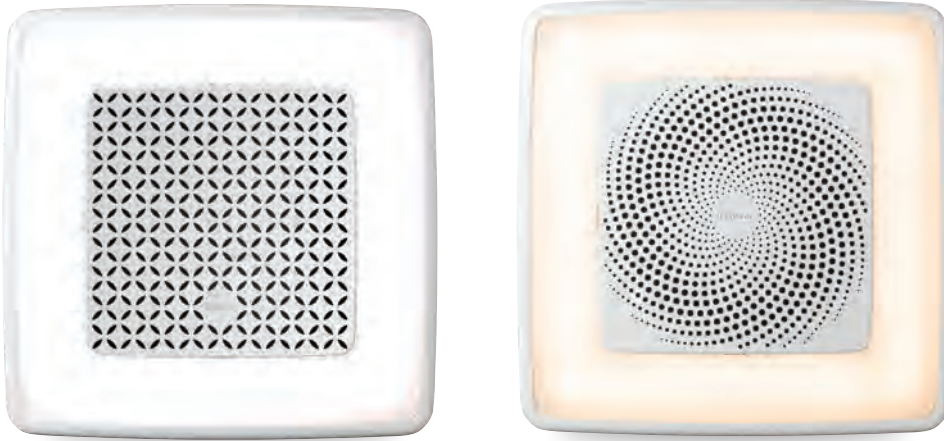


ChromaComfort® Color the way you live.

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.



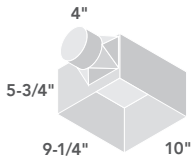
NEW

AER110RGBL, AERN110RGBL

- 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
- **Bluetooth®** wireless technology for app connection
- Roomside installation meaning no attic access required
- Galvanized steel housing to withstand moisture
- ENERGY STAR® Certified

Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Cover Size
AER110RGBL	AERN110RGBL	110	1.5	Integrated RGBL LED	4	Yes	13¼ x 13¼

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



Remote Control

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.



APPLE® is a registered trademark of Apple Inc.
 Google Play and the Google Play logo are trademarks of Google LLC.

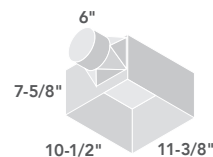
QT® Series. Peaceful moments can be enjoyed even more.

The very quiet Broan-NuTone® QT® Series is the ideal solution for any room that benefits from ventilation. Most QT® models operate at less than one Sone—the sound of a quiet running refrigerator. But quiet operation doesn't mean less power. Installed properly, the QT® Series maintains full-rated airflow in real-world installations.



General Features & Benefits

- 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



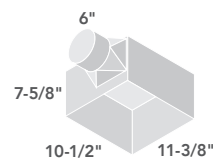
NEW
QTXE110150DC



NEW
QTXE110150DCL
• Bright, energy-efficient LED lighting

Sensaire™ 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



NEW
QTXE110150DCS
• Fan cover-mounted humidity sensor for fast reaction time
• Sensaire™ Sense on Rise technology
• RDFU1 radiation damper with RDJUMPO accessory
• Hanger bar system up to 24" for flexible installation in all types of construction



NEW
QTXE110150DCSL
• Bright, energy-efficient LED lighting
• Fan cover-mounted humidity sensor for fast reaction time
• Sensaire™ Sense on Rise technology
• RDFU1 radiation damper with RDJUMPO accessory
• Hanger bar system up to 24" for flexible installation in all types of construction



SPKACC Speaker Accessory
Add wireless sound to your Broan or NuTone QT® Series ventilation fan in a few easy steps.

QT Series Fans can accept the Sensonic® Speaker Accessory SPKACC. See page 26 for details.

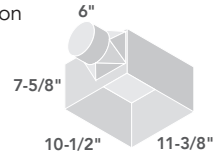
Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Cover Size
QTXE110150DC	110-130-150	<0.3-0.4-0.7	—	—	6	Yes	13¾ x 13
QTXE110150DCL	110-130-150	<0.3-0.4-0.7	18W LED	—	6	Yes	13¾ x 13
QTXE110150DCS	110-130-150	<0.3-0.4-0.7	—	Humidity	6	Yes	13¾ x 13
QTXE110150DCSL	110-130-150	<0.3-0.4-0.7	18W LED	Humidity	6	Yes	13¾ x 13

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

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

General Features & Benefits

- Very quiet operation 0.3 to 1.4 Sones
- 80 CFM to 150 CFM
- 6" ducting for superior performance
- Bright, energy efficient 36 watt fluorescent lighting (2- 18 watt GU24 based bulbs) included
- 4 watt night light on all models (bulb not included)
- Type IC
- 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 RDFQL available separately



QTXE080FLT, QTXE110FLT, QTXE150FLT



QTXEN080FLT, QTXEN110FLT, QTXEN150FLT

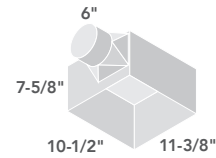
Broan Model	NuTone Model	CFM	Sones	Light/Night Light	Duct	ENERGY STAR®	Broan Cover Size	NuTone Cover Size
QTXE080FLT	QTXEN080FLT	80	0.3	18W Fluorescent / 4W Nightlight	6	Yes	13¾ x 13	14 x 13
QTXE110FLT	QTXEN110FLT	110	0.7	18W Fluorescent / 4W Nightlight	6	Yes	13¾ x 13	14 x 13
QTXE150FLT	QTXEN150FLT	150	1.4	18W Fluorescent / 4W Nightlight	6	Yes	13¾ x 13	14 x 13

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



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



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.



QTXE110S

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



QTXE080, QTXE110, QTXE150



QTXEN080, QTXEN110, QTXEN150

Broan Model	NuTone Model	CFM	Sones	Duct	Sensing	ENERGY STAR®	Broan Cover Size	NuTone Cover Size
QTXE110S	—	110	0.7	6	Humidity	Yes	13¾ x 12⅞	—
QTXE080	QTXEN080	80	0.3	6	—	Yes	13¾ x 13	14 x 13
QTXE110	QTXEN110	110	0.7	6	—	Yes	13¾ x 13	14 x 13
QTXE150	QTXEN150	150	1.4	6	—	Yes	13¾ x 13	14 x 13

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

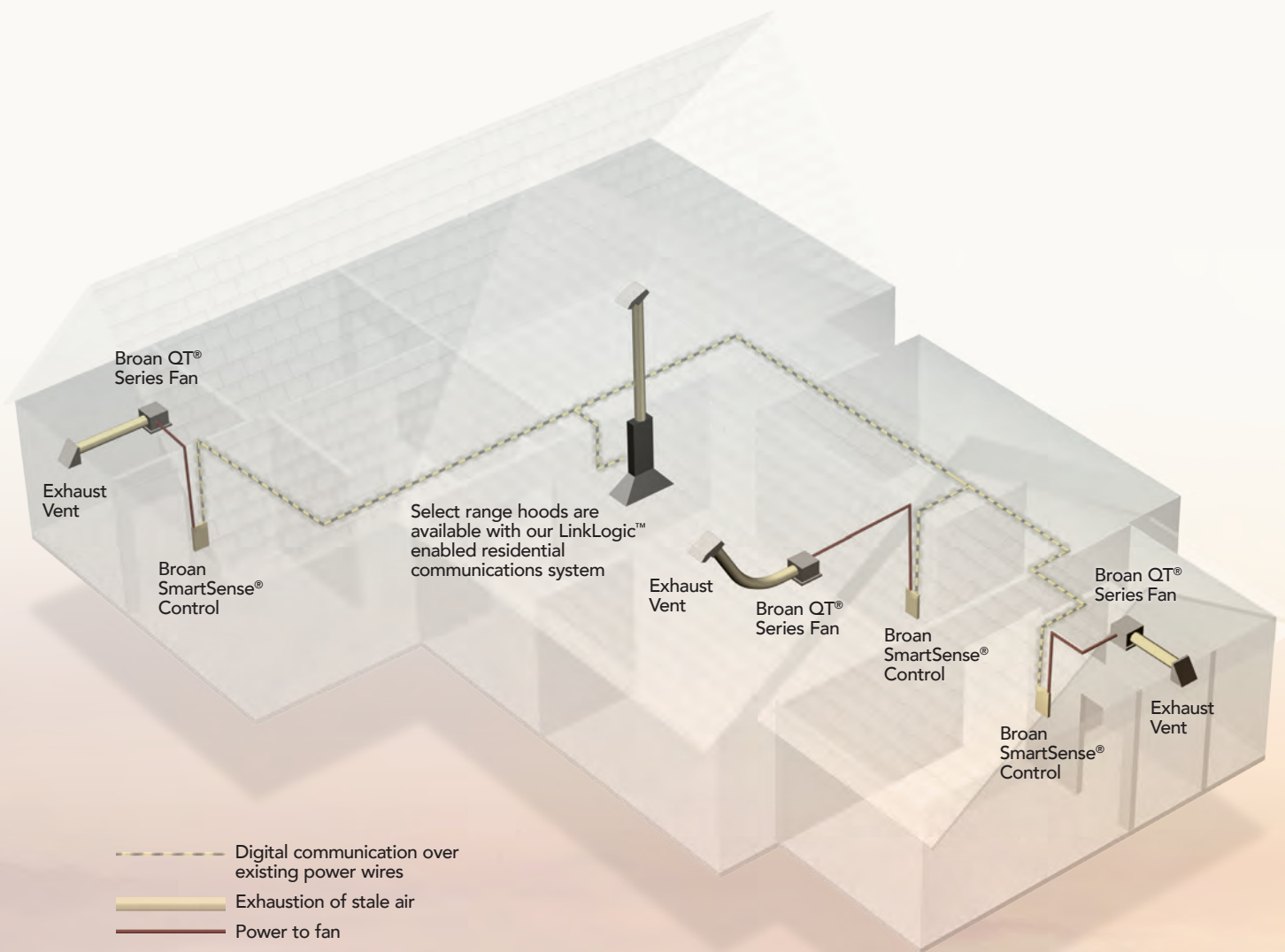


RDFQF Premium Radiation Damper.

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. **More Details Online.**

SmartSense®

A smart, economical option to meet ASHRAE Standard 62.2.



Automatically coordinate your bath fans and range hood to ventilate your home.

Broan SmartSense® is a smart, economical solution for continuous and spot ventilation requirements, including ASHRAE Standard 62.2. The system coordinates your fans to ventilate based on your home's size—automatically cycling different fans in the dwelling based on square footage and number of bedrooms. A cost effective solution, integration with the home's air handler is not required, and with only one fan running at a time, it uses less than 40 watts during ventilation cycles.



SSQTXE080, SSQTXE110

- Broan® SmartSense® automatically coordinates the operation of ventilation fans, running them intermittently throughout the day when necessary
- Install in any room—Broan® QT Series Ventilation fans are barely audible
- 6" ducting guarantees sound and CFM performance ratings
- Hanger bars for easy, fast and universal installation in all construction types
- UL listed for use over a tub or shower with GFCI circuit
- Bright white covers match most ceiling paint
- Corrosion resistant galvanized steel housing stands up to moisture
- Permanently lubricated AC motor engineered for continuous operation
- SSQTXE080 is powerful enough for rooms up to 75 sq. ft.
- SSQTXE110 is powerful enough for rooms up to 105 sq. ft.
- Radiation damper RDFQF available separately



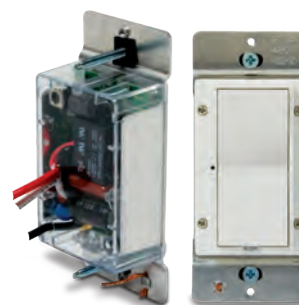
SMD6, SMD8

A Broan Automatic Make-Up Air Damper intelligently brings fresh air inside.

The damper communicates with SSQTXE080 and SSQTXE110 fans as well as select BEST® and Broan range hoods to form a complete balanced ventilation system that ensures fresh air is available while ventilation is in process. This ensures balanced indoor air pressure while preventing unwanted air infiltration and wasted energy. SmartSense® automatically operates the Make-Up Air Damper for installations requiring make-up air.

Features & Benefits

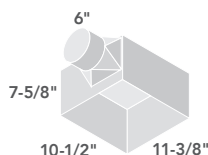
- Located in a 6-inch or 8-inch duct running between an exterior wall fresh air inlet (641FA or 643FA) to an interior location such as a cold-air return or supply duct
- Locally powered by a 24 VAC transformer
- Communicates over existing home electrical wiring
- Heavy-duty galvanized steel construction
- 24 VAC transformer
- 6-inch round (SMD6), 8-inch round (SMD8)
- Use with any single fan or combination of SSQTXE080 or SSQTXE110 fans

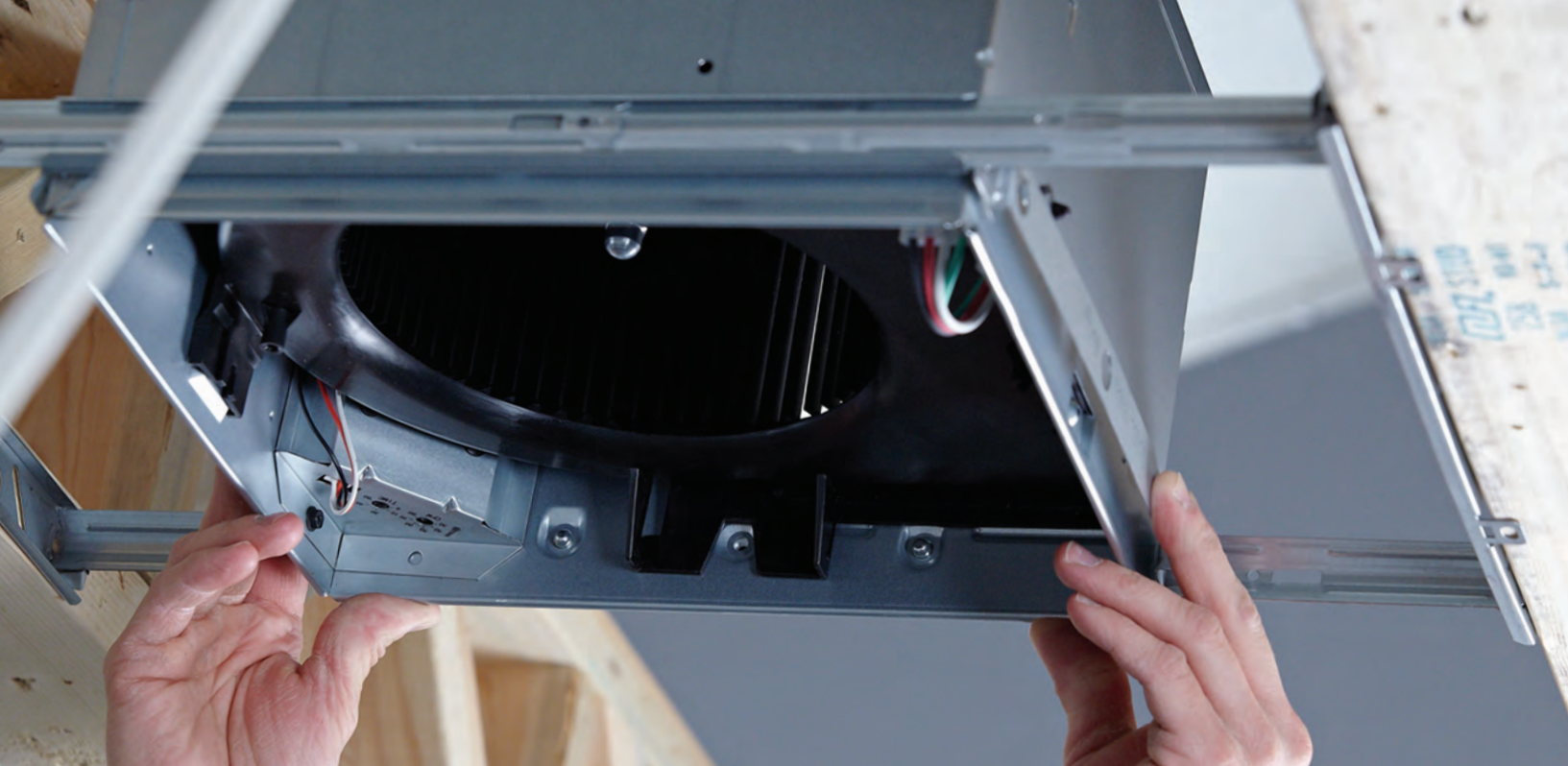


SMSC080, SMSC110

One control monitors and manages the total run time of all SmartSense® fans on the system. You choose which control is the master

Broan Model	CFM	Sones	Duct	ENERGY STAR®	Cover Size
SSQTXE080	80	0.3	6	Yes	13¾ x 13
SSQTXE110	110	0.7	6	Yes	13¾ x 13





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.





General Features & Benefits

- 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



XB110HL1, ZB110HL1



XB110H, ZB110H



ZB80ML1, ZB110ML1



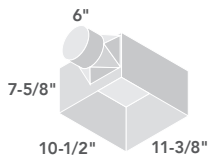
ZB80M, ZB110M



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

Broan Model	CFM	Sones	Light	Sensing	Duct	ENERGY STAR®	Cover Size
XB110H	110	<0.3	—	Humidity	6	Yes	14 x 13½
XB110HL1	110	<0.3	LED	Humidity	6	Yes	13¾ x 14¼
ZB110H	110	<0.3	—	Humidity	6	Yes	14 x 13½
ZB110HL1	110	<0.3	LED	Humidity	6	Yes	13¾ x 14¼
ZB80ML1	80	<0.3*	LED	Motion	6 Round + 6 to 4 Reducer	Yes	13¾ x 14¼
ZB110ML1	110	<0.3	LED	Motion	6	Yes	13¾ x 14¼
ZB80M	80	<0.3*	—	Motion	6 Round + 6 to 4 Reducer	Yes	14 x 13½
ZB110M	110	<0.3	—	Motion	6	Yes	14 x 13½

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)





General Features & Benefits

- HVI certified at <0.3 Sones, ULTRA Silent™ Sound Technology provides the quietest sound rating obtainable
- 50, 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—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



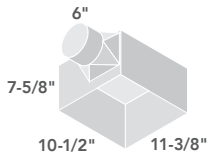
XB50L1, XB80L1, XB110L1, ZB80L1, ZB110L1

XB50, XB80, XB110, ZB80, ZB110

- Bright, energy-efficient LED lighting

Broan Model	CFM	Sones	Light	Duct	ENERGY STAR®	Cover Size
XB50L1	50	<0.3	LED	6 Round + 6 to 4 Reducer	Yes	13¾ x 14¼
XB80L1	80	<0.3*	LED	6 Round + 6 to 4 Reducer	Yes	13¾ x 14¼
XB110L1	110	<0.3	LED	6	Yes	13¾ x 14¼
ZB80L1	80	<0.3*	LED	6 Round + 6 to 4 Reducer	Yes	13¾ x 14¼
ZB110L1	110	<0.3	LED	6	Yes	13¾ x 14¼
XB50	50	<0.3	—	6 Round + 6 to 4 Reducer	Yes	13¾ x 13
XB80	80	<0.3*	—	6 Round + 6 to 4 Reducer	Yes	13¾ x 13
XB110	110	<0.3	—	6	Yes	13¾ x 13
ZB80	80	<0.3*	—	6 Round + 6 to 4 Reducer	Yes	13¾ x 13
ZB110	110	<0.3	—	6	Yes	13¾ 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





General Features & Benefits

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



RB80L1, RB110L1



RN80L, RN110L



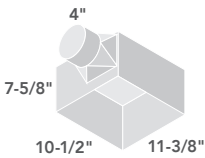
RB80, RB110



RN80, RN110

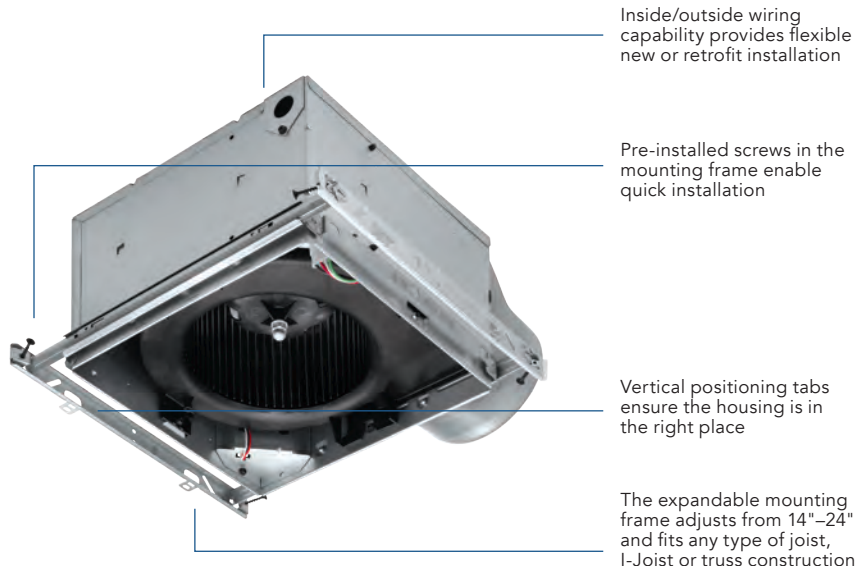
Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Broan Cover Size	NuTone Cover Size
RB80L1	RN80L	80	<0.3	LED	4	Yes	13¾ x 14¼	14 x 13
RB110L1	RN110L	110	0.8	LED	4	Yes	13¾ x 14¼	14 x 13
RB80	RN80	80	<0.3	—	4	Yes	13¾ x 13	14 x 13
RB110	RN110	110	0.6	—	4	Yes	13¾ x 13	14 x 13

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.





SurfaceShield®
POWERED BY VITAL VIO®

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

Every surface is a home for bacteria, mold and fungi—especially your bathroom and other humidity prone environments. Trouble is, if you can't see it you can't always control it. SurfaceShield® powered by Vital Vio® provides continuous prevention of mold and bacterial growth with the flip of a switch. A gentle, safe purple light bathes surfaces to prevent mold and mildew growth within your room. If you desire everyday task lighting, simply switch to the white light mode. Combined with powerful, quiet 110 CFM exhaust ventilation that removes excess humidity, SurfaceShield® puts up a powerful defense.





NEW

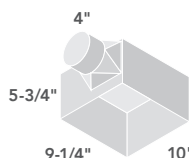
Turn your existing fan/light into a SurfaceShield® anti-bacterial solution.

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 Roomsie Series fan/light.

NEW

SurfaceShield® Anti-bacterial Fan/Light AR110LKVV, ARN110LKVV

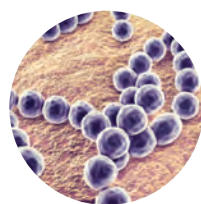
- EzDuct™ connector enables easy roomside installation
- TrueSeal® damper technology reduces air leakage up to 50%
- SnapFit Flange Kit offers flexible installation for new construction or retrofit upgrades
- Foldable mounting ears allow for easy installation in both new construction and room-side replacement applications
- Powerful enough for rooms up to 105 sq. ft.
- 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



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 9 1/4" x 10" (lighted fans only)

Broan Model	NuTone Model	CFM	Sones	Light	Duct	Cover Size
AR110LKVV	ARN110LKVV	110	1.0	LED	4	12 1/4 x 12 1/4
FG1000VV		—	—	LED	—	12 1/4 x 12 1/4
VVLED		—	—	LED	—	—



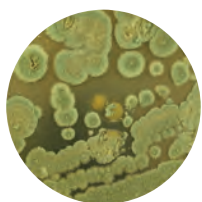
Gram Positive Bacteria



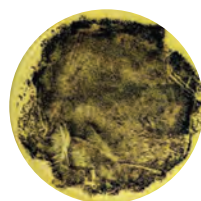
Yeast



Gram Negative Bacteria



Fungi



Petri Dish without SurfaceShield



Petri Dish with SurfaceShield

NEW



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



SENSONIC®
YOUR MUSIC  OUT OF SIGHT

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.





NEW

NEW

SPK110

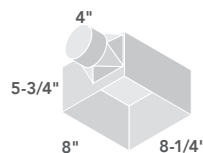
- Dual High-Fidelity Sensonic® speakers
- Brilliant audio performance concealed behind your fan cover
- Play any audio through most Bluetooth® enabled devices
- Effective, extremely quiet ventilation clears humidity and odors quickly
- UL Listed for use over tub and shower when connected to a GFCI protected branch circuit.
- Type IC for use in direct contact with thermal insulation
- Fits 2x8 ceiling construction
- Includes unique spacer for easy I-joint mounting
- Mounts between joists with optional QTHB1 Hanger Bar Kit (sold separately)
- 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
- UL Listed for use over a bathtub or shower when connected to a GFCI-protected 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

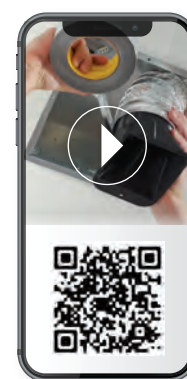
SPK80NL

Broan Model	NuTone Model	CFM	Sones	Light	Duct	Broan Cover Size	NuTone Cover Size
SPK110	—	110	1.0	—	4	14 x 13	—
SPK80L	SPK80NL	80	2.5	LED	4	9¾ x 10¼	9¾ x 11
SPKACC	—	—	—	—	—	—	—
FG800SPKS (upgrade cover)	FG800SPKNS (upgrade cover)	—	—	LED	—	9¾ x 10¼	9¾ x 11
FG800SPK (upgrade cover 4-pack)	FG800SPKN (upgrade cover 4-pack)	—	—	LED	—	9¾ x 10¼	9¾ x 11



Speaker Accessory SPKACC

Quickly and easily add a high-fidelity Sensonic® speaker to most Broan or NuTone QT Series Ventilation Fans.



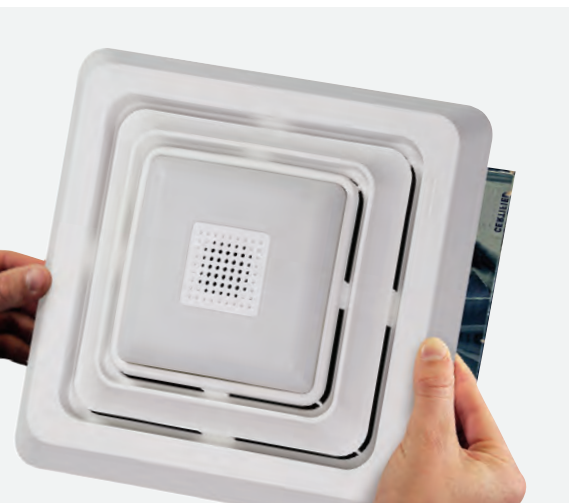
Scan the code to see installation. No drywall work or extra wiring required. See page 44 for more information.

NEW

**Upgrade Fan Covers
FG800SPKS | FG800SPKNS**

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

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



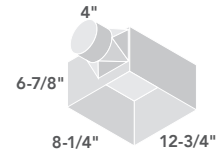
Decorative Ventilation. Draw fresh air into any room in the home—beautifully.

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.



General Features & Benefits

- 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 $\frac{7}{8}$ " 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, 744LEDNT

- 744LED and 744LEDNT include 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)

NEW

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



744L

- 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®	Cover Size
744	744NT	70	1.5	75W	4	No	7 $\frac{3}{8}$ Dia
744LED	744LEDNT	70	1.5	9.5W LED	4	Yes	7 $\frac{3}{8}$ Dia
744L	—	50–80	0.3–2.0	75W	4	No	7 $\frac{3}{8}$ Dia
—	744RNL	50–80	0.3–2.0	75W	4	Yes	7 $\frac{3}{8}$ Dia

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



Scan the code to see the 744RNL installation video

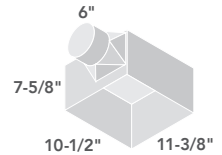


Transform any room into a unique, calming space.

When the LED night light is activated, the glass plate illuminates with a blue glowing edge—a gentle color that enables you to return to restful sleep.

General Features & Benefits

- Bright 36-Watt fluorescent main task lighting (2 to 18-Watt GU24 bulbs included) is energy efficient
- Blue LED night light provides convenience and safety
- Hanger bar system up to 24" for flexible installation in all types of construction
- Fan and light can be wired to operate together or independently
- Can be mounted in ceilings up to 12/12 pitch
- ENERGY STAR® Certified for energy efficient operation
- UL listed for use in insulated ceilings (Type I.C.)
- UL listed for use over tub or shower with a GFCI branch circuit
- Powerful enough for rooms up to 100 sq. ft.



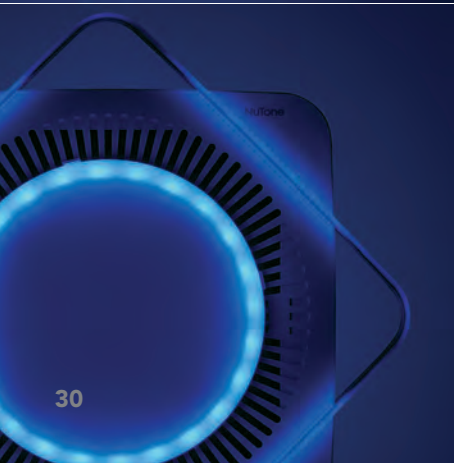
QTNLEDA



QTNLEDB

NuTone Model	CFM	Sones	Light/Night Light	Duct	ENERGY STAR®	Cover Size
QTNLEDA	110	0.7	18W Fluorescent / 4W LED Nightlight	6 Round + 6 to 4 Reducer	Yes	13¾ x 13¾
QTNLEDB	110	0.7	18W Fluorescent / 4W LED Nightlight	6 Round + 6 to 4 Reducer	Yes	13¾ x 13¾

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



General Features & Benefits

- 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



NEW

AER110SLW, AERN110SLW, AER80LWH, AERN80LWH, AR80LWH

- 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

NEW

AER110LBN

- Powerful ventilation to remove moisture
- 1.5 Sones for Quiet performance
- Low-profile designer style cover
- 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

Broan Model	NuTone Model	CFM	Sones	Light	Humidity Sensing	Duct	ENERGY STAR®	Cover Size
AER110SLW	AERN110SLW	110	1.5	16W LED	Yes	4	Yes	15 Dia
AER80LWH	AERN80LWH	80	0.8	16W LED	No	4	Yes	15 Dia
AR80LWH	—	80	2.0	16W LED	No	4	No	15 Dia
AER110LBN	—	110	1.5	16W LED	No	4	Yes	15 Dia

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



NEW

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)

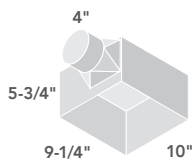
NEW

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)

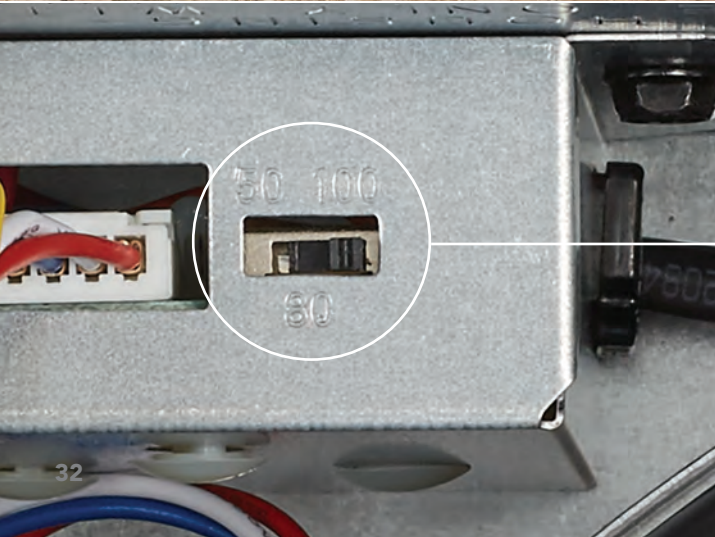
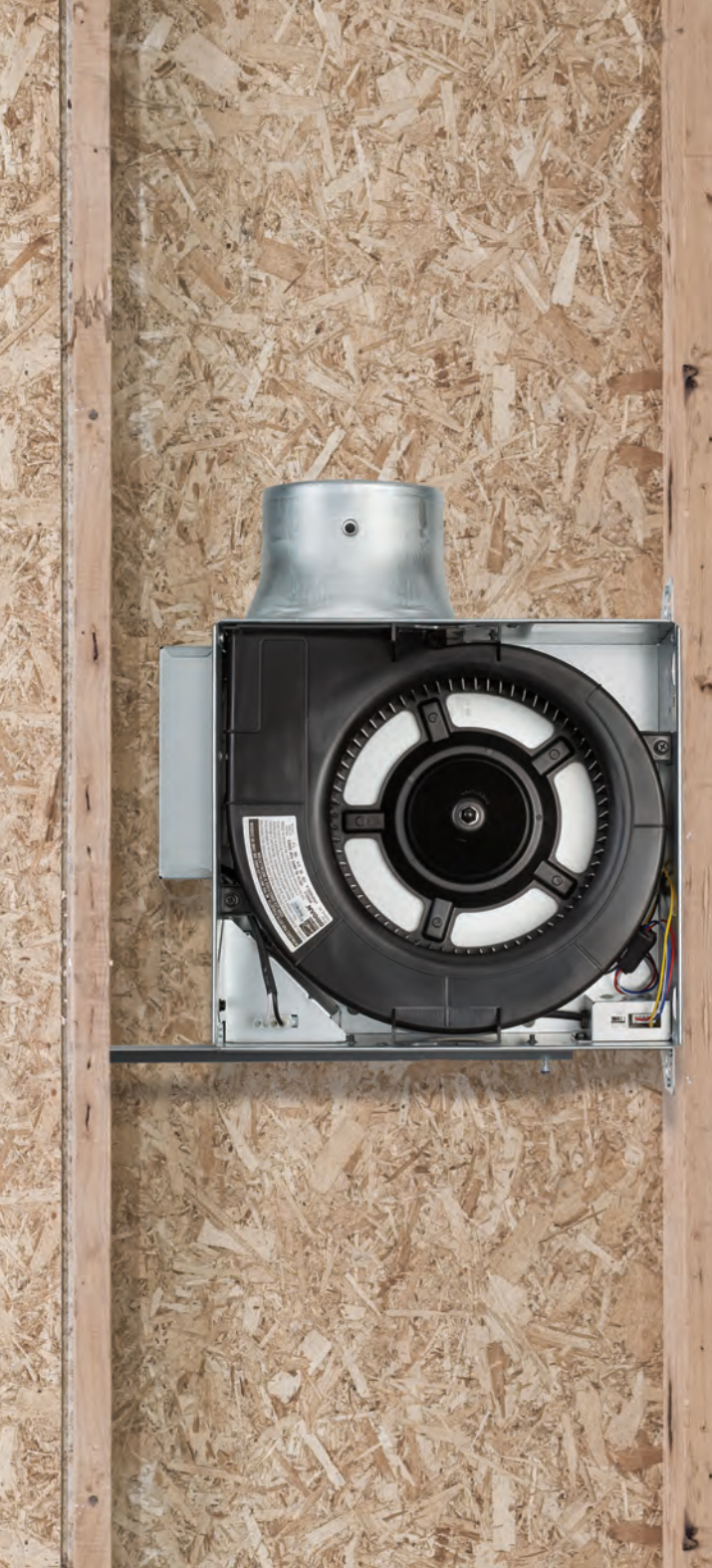
Broan Model	NuTone Model	CFM	Sones	Light	Duct	ENERGY STAR®	Cover Size
AER110LTK	AERN110LTK	110	1.5	16W LED	4	Yes	12 x 12
770RLTK	770RNLTK	80	2.5	E26 Base	4	No	13¾ Dia

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.

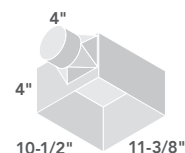
For some installations, conventional ventilation simply won't fit. Where multi-family applications require it, the LoProfile fan is narrow enough to be installed in a wall between 2x4 studs. If plumbing or electrical obstructions are found behind the drywall in ceiling remodel applications, the fan still 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, LPN80)

- 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)



LP50100DCF Fan Finish Pack
Broan® LoProfile Series Housing Pack, 50-80-100 Selectable CFM, ENERGY STAR®



NEW

LP80, LP110, LP50100DC (NEW)

- 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)
- UL Listed for use over tub or shower when connected to a GFCI protected branch circuit
- May be used with a radiation damper in multi-family homes
- Fits 2x4 wall or ceiling installation

LPN80

- LoProfile 80 CFM Fan
- UL Listed for use over tub or shower when connected to a GFCI protected branch circuit
- May be used with a radiation damper in multi-family homes
- Fits 2x4 wall or ceiling installation

Broan Model	NuTone Model	CFM	Sones	Duct	ENERGY STAR®	Broan Cover Size	NuTone Cover Size
LP80	LPN80	80	1.0	4 Oval or 3 Round	Yes	14 x 13	13¾ x 13
LP110	—	110	1.5	4 Oval	Yes	14 x 13	—
LP50100DC	—	50-80-100	<0.3-0.7-1.2	4 Oval	Yes	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.

General Features

- Efficient PowerHeat™ 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, QTX110HFLT



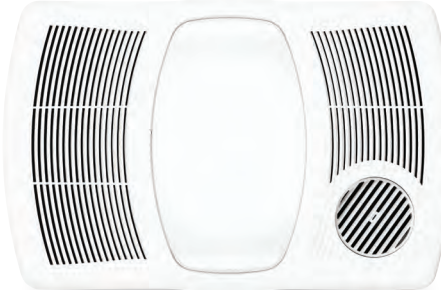
QTXN110HL, QTXN110HFLT



NEW

765H110LB

- 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
- All air and sound ratings are HVI Certified



NEW

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



Get rewarded for installing the industry's leading ventilation products.

Here's an easy way for builders, remodelers, and trade contractors to get rewarded for your loyalty. Purchase select products, get points and redeem them for valuable merchandise.

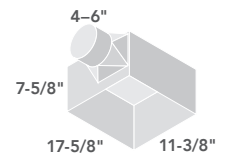
Join today at ContractorRewards.com

WHILE SUPPLIES LAST: 100HL, 100HFL, 765HL, 765HFL, QTXN110HFLT, QTXN110HL, and QTX110HFLT

- Bring convenient, comforting warmth to your bathroom
- Quiet, high-output heater with exclusive directionally adjustable design (see below)
- 4" ducting for new construction or retrofit
- Multi-function wall switches sold separately (see guide on pages 48–51)
- Choose standard E26 base (bulb not included) or energy-efficient 27 watt GU24 (bulb included) fluorescent lighting
- Fan motor is engineered for continuous operation
- HVI Certified
- Type IC
- Requires a dedicated 20 amp circuit
- Fits in 2x6 ceiling construction

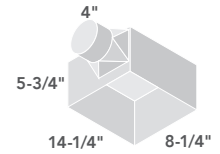
Broan Model	NuTone Model	CFM	Sones	Light/Night Light	Heater Watts	Duct	Cover Size
QTX110HL	QTXN110HL**	110	0.9	120W/7W	1500	6	15 x 20
QTX110HFLT**	QTXN110HFLT**	110	0.9	36W/7W	1500	6	15 x 20
765H110LB	765H110L	110	2.0	100W	1500	4	11½ x 17½
100HL**	765HL**	100	2.0	100W Incandescent	1500	4	11½ x 17½
100HFL**	765HFL**	100	2.0	27W Fluorescent	1500	4	11½ x 17½

**While supplies last



General Features & Benefits

- 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)



NEW

765H80LB (NEW), 655, 656, 659, 665RP****

- 765H80LB—all air and sound ratings are HVI Certified
- 655: Heater/Fan/Light, 20-amp circuit required
- 656: Heater/Light Only, 15-amp circuit required
- 659: Heater/Fan/Light, 15-amp circuit required
- 665RP: Heater/Fan/Light, 20-amp circuit required



NEW

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

Broan Model	NuTone Model	CFM	Sones	Light/Night Light	Heater Watts	Duct	Cover Size
765H80LB	765H80L	80	2.0	14W LED	1300	4	10 ⁵ / ₈ x 16 ³ / ₄
655**	665RP**	70	4.0	100W	1300	4	10 ⁵ / ₈ x 16 ³ / ₄
656	—	—	—	100W	1300	—	10 ⁵ / ₈ x 16 ³ / ₄
659	—	50	2.5	100W	1300	4	10 ⁵ / ₈ x 16 ³ / ₄
—	QT9093WH	110	4.0	100W/7W	1500	4	15 ³ / ₈ Diameter
—	9093WH	70	3.5	100W/7W	1500	4	15 ³ / ₈ Diameter

**While supplies last

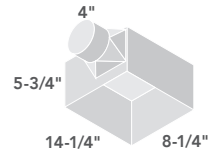


Did you know?

About 80% of Broan-NuTone® products are manufactured in our state-of-the-art manufacturing facilities in Hartford, Wisconsin.

General Features & Benefits

- 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 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)



658

- Heater/Fan, 15-amp circuit acceptable



605RP

- Heater/Fan, 15-amp circuit required
- Hanger bar locks position after securing unit to rafters

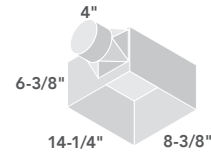
Broan Model	NuTone Model	CFM	Sones	Heater Watts	Duct	ENERGY STAR®	Cover Size
658	605RP	70	4.0	1300	4	No	10 ⁵ / ₈ x 16 ³ / ₄

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



General Features & Benefits

- 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

- One-Bulb Heater/Fan



164, 9427P

- 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

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



163, 9422P

- Two-Bulb Heater, Type IC

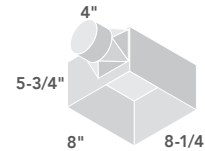
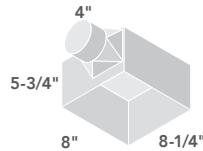
Broan Model	NuTone Model	CFM	Sones	Light	Heater Watts	Duct	Cover Size
162*	9417DN	70	4.0	250W Infrared	250*	4	10¼ x 10¼
161	9412D	—	—	250W Infrared	250	—	10¼ x 10¼
164*	9427P	70	4.0	500W Infrared	500*	4	10¼ x 15½
163	9422P	—	—	500W Infrared	500	—	10¼ x 15½

*Ventilation Fan/Bulb Heater versions

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, HB80RL, 763N

- 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



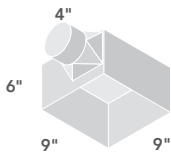
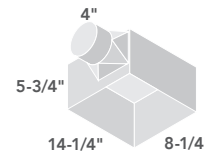
750, 751, 8663RP, 8664RP

- Round design eliminates squaring with walls
- Fits in 2x6 ceiling construction
- 4" duct / E26 base lighting
- 8663RP and 750 feature a regular light and nightlight
- UL listed for use over tub and shower when installed in a GFCI protected circuit
- HVI certified

657, 696

- 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	Broan Cover Size	NuTone Cover Size
657	668RP	70	4.0	E26 Base	4	10 ⁵ / ₈ x 16 ³ / ₄	9 ⁷ / ₈ x 16 ¹ / ₄
696	—	100	4.5	E26 Base	4	10 ⁵ / ₈ x 16 ³ / ₄	—
750	8663RP	100	5.0	100W / 7W Nightlight	4	15 Dia	15 Dia
751	8664RP	100	5.0	100W	4	15 Dia	15 Dia
678	763, 763N	50	2.5	E26 Base	4	10 ⁵ / ₈ x 11 ¹ / ₈	10 ³ / ₄ x 12
HD80L	HB80RL	80	2.5	100W Incandescent	4	10 ⁵ / ₈ x 11 ¹ / ₈	10 ³ / ₄ x 12
679	—	70	3.5	100W incandescent	4	10 ⁵ / ₈ x 11 ¹ / ₈	—



670, 671, 688

- White fan cover complements any décor
- Fits 2x4 ceiling construction
- 3" duct
- 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



695, 696N

- White fan cover complements any décor
- Fits 2x4 ceiling construction
- 3" duct
- 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.

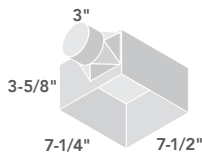
Project packs are ideal for contractors and builders who have yet to pick out the final product.



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

Broan Model	NuTone Model	CFM	Sones	Duct	Broan Cover Size	NuTone Cover Size
670	—	50	3.5	3	9¼ x 9	—
671	695	70	6.0	3	9¼ x 9	9½ x 8 ¹¹ / ₁₆
688	696N	50	4.0	3	9¼ x 9	9½ x 8 ¹¹ / ₁₆
E050	—	50	2.5	3	9¾ x 9¼	—
E070	—	70	4.0	3	9¾ x 9¼	—



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.

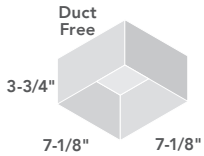


682, 682NT



97009563 filter for 682, S97009563 filter for 682NT

Broan Model	NuTone Model	Duct	Cover Size
682	682NT	Duct-free	8½ x 8½



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 and old fan. See pages 44–47.



Is your fan ready for a new look?
Scan the code to see the complete compatibility cross-reference guide at 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



NEW

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: 10¼" x 9¾"



NEW

Sensonic® FG800SPKN

- Includes 2 sets of fan cover springs for use with multiple ventilation fan models
- Compatible with existing ventilation fan housing dimensions of 7½" x 7¼" and 8¼" x 8"
- Fan cover dimensions: 11" x 9¾"



NEW

SurfaceShield® FG1000VV

- SurfaceShield® LED light powered by Vital Vio® prevents bacteria, mold, and fungi growth within your room
- SurfaceShield® technology combined with Broan's powerful ventilation offers effective protection against bacteria, mold and fungi growth in 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®, Flex Series™, or Roomside Series lighted exhaust fans
- NOTE: Due to certain State regulations this product is not available in Indiana and Hawaii.
- Fan cover dimensions: 12¼" x 12¼"



NEW

SurfaceShield® LED module VVLED

- The VVLED upgrade light module is compatible with the following fan models: AE80BL, AE80L, AEN80BL, AEN80L, AE110L, AEN110L, AE80LK, AE110LK, AE50110DCL, AE50110DCSL
- SurfaceShield® LED light powered by Vital Vio® prevents bacteria, mold, and fungi growth within your room
- SurfaceShield® technology combined with Broan's powerful ventilation offers effective protection against bacteria, mold and fungi growth in your room
- Quickly and easily installs in under 5 minutes

For a full list of SurfaceShield® compatible models scan the code.



Broan Model	NuTone Model	Light	Speaker	Install Time
FG800SPK* + FG800SPKS	FG800SPKN* + FG800SPKNS	LED	Bluetooth® Speaker	< 5 min
FG1000VV* + FG1000VVS	—	SurfaceShield® LED	—	< 5 min
VVLED	—	SurfaceShield® LED	—	< 5 min

*4-pack



NEW

QUICKIT® QK60 (NEW), 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



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
- Compatible with existing fan housing dimensions 7¼" x 7½" and 8¼" x 8"
- Fan cover dimensions: 10¼" x 9¾"



NEW

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: 13½" x 13½"



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 7¼" x 7½" and 8¼" x 8"
- Fan cover dimensions: 11" x 9¾"



Scan the code to see the FG701 installation video

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-pack



NEW

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: 11½" x 12"
- Fits Broan® and NuTone® Roomside, Flex Series™ and InVent® Series fans without a light



NEW

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
- Compatible with existing fan housing dimension of 7½" x 7¼"
- Fan cover dimension: 9¼" x 9¾"
- Fits Broan® and NuTone® Economy Series fans



SENSONIC® SPKACC

- Built-in dual high-fidelity Sensonic® speakers with Bluetooth® wireless technology
- Brilliant audio performance concealed behind your fan cover
- Play any audio through any Bluetooth® wireless device
- Provides both entertainment and privacy at the touch of a button

Broan Model	Speaker	Install Time
FGR300* + FGR300S	—	< 5 min
FGR101** + FGR101S	—	< 5 min
SPKACC	Bluetooth®	< 5 min

*4-pack
**6-pack

Quick and easy installation steps

Upgrade your look in 5 minutes.



Remove old fan cover



No drywall cutting



Plug in new upgrade



No drywall patching



Plug-in upgrade



Attach new fan cover



No wiring

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.



Single-Function Control

Model 69W

- Single Function
- Ideal for use with fan only models
- 120V, 15 amps
- Available in White



Humidity Sensing Controls

Sensaire™ Humidity Sensing Switch

Models 82A*, 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 (I) 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



NEW

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



NEW

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



Four-Function Control

Models 77DV, 77DW

- Single switch provides three settings for fan sensor (On-Auto-Off) for sensing fan models
- Remaining two switches for light/nightlight
- Ideal for use with heater/fan/light/nightlight units
- Available in Ivory (V) or White (W)



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.



NEW

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 1/2 HP, 300W LED/CFL, 600W incandescent



NEW

Speed Control

Model SC100W*

- Turns any PSC or AC fan into an adjustable-speed 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



NEW

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



NEW

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

* Faceplate not included



Broan

	69W	P2RW	P3RW	77DV, 77DW	82A, 82W	DD500W	MS100W	SC100W	CD60W	DT100W	
Ventilation Fans	670, 671, 688, 689	•				•	•	•	•	•	
	E050, E070	•				•	•	•	•	•	
	LP80, LP110	•				•	•	•	•	•	
	LP50100DC	•				•	•		•	•	
	AE50, A80, A80HD, AE80, AE80B, A110, AE110, AE80K, AE110K	•				•	•	•	•	•	
	AE80S, AE110S	•	•				•	•	•	•	
	AE50110DC	•				•	•		•	•	
	AE50110DCS	•	•				•		•	•	
	QTXE080, QTXE110, QTXE150	•				•	•	•	•	•	
	QTXE110S	•	•				•	•	•	•	
	QTXE110150DC	•				•	•		•	•	
	QTXE110150DCS	•	•				•		•	•	
	RB80, RB110	•				•	•	•	•	•	
	XB50, XB80, XB110	•				•	•	•	•	•	
	XB110H	•	•				•		•	•	
	ZB80, ZB110	•				•	•	•	•	•	
	ZB80M, ZB110M	•	•			•	•		•	•	
	ZB110H	•	•				•		•	•	
Ventilation Fan/Lights	657, 678, 679, 696, 751, HD80L	•	•			•	•	•	•	•	
	750		•	•		•	•	•	•	•	
	744, 744LED, 744L, 744RL	•	•			•	•	•	•	•	
	A50L, A70L, A80L, AE80L, AE80BL, A110L, AE110L, AE80LK, AE110LK	•	•			•	•	•	•	•	
	AE80SL, AE110SL		•	•			•	•	•	•	
	AE50110DCL	•	•			•	•		•	•	
	AE50110DCSL		•	•			•		•	•	
	770RLTK, AR80LWH, AER80LWH, AER110LTK, AER110LBN	•	•			•	•	•	•	•	
	AER110SLW		•	•			•	•	•	•	
	QTXE080FLT, QTXE110FLT, QTXE150FLT		•	•		•	•	•	•	•	
	QTXE110150DCL	•	•			•	•		•	•	
	QTXE110150DCSL		•	•			•		•	•	
	RB80L1, RB110L1	•	•			•	•	•	•	•	
	XB50L1, XB80L1, XB110L1	•	•			•	•	•	•	•	
	XB110HL1		•	•			•		•	•	
	ZB80L1, ZB110L1	•	•			•	•	•	•	•	
	ZB80ML1, ZB110ML1		•	•		•	•		•	•	
	ZB110HL1		•	•			•		•	•	
	Heater/Fan/Lights	765H80LB, 765H110LB		•	•		•	•	•	•*	
		100HL, 100HFL		•	•		•	•	•	•*	
161		•					•		•		
162			•			•	•	•	•	•	
163		•					•		•		
164			•			•	•	•	•		
655			•	•		•	•	•	•*		
656			•				•		•*		
658			•			•	•	•	•*		
659			•	•		•	•	•	•*		
QTX110HL, QTX110HFLT				•	•	•	•	•	•*		

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



NuTone		69W	P2RW	P3RW	77DV, 77DW	82A, 82W	DD500W	MS100W	SC100W	CD60W	DT100W
Ventilation Fans	695, 696N	•				•	•	•	•	•	•
	EZ80N, LPN80	•				•	•	•	•	•	•
	AEN50, AEN80, AEN80B, AN110, AEN110, AERN80K, AERN110K	•				•	•	•	•	•	•
	QTXEN080, QTXEN110, QTXEN150	•				•	•	•	•	•	•
	RN80, RN110	•				•	•	•	•	•	•
Ventilation Fan/Lights	668RP, 763, 763N, 8664RP, HB80RL	•	•			•	•	•	•	•	•
	8663RP		•	•		•	•	•	•	•	•
	744NT, 744LEDNT, 744RNL	•	•			•	•	•	•	•	•
	AN70L, AN80L, AEN80L, AEN80BL, AN110L, AEN110L, AERN80LK, AERN110LK	•	•			•	•	•	•	•	•
	AERN110DCSL		•	•				•		•	•
	770RNLTK, AERN80LWH, AERN110LTK	•	•			•	•	•	•	•	•
	AERN110SLW		•	•				•	•	•	•
	QTXEN080FLT, QTXEN110FLT, QTXEN150FLT		•	•		•	•	•	•	•	•
	QTNLEDA, QTNLEDB		•	•		•	•	•	•	•	•
	RN80L, RN110L	•	•			•	•	•	•	•	•
	Heater/Fan/Lights	765H80L, 765H110L		•	•		•	•	•	•	•*
765HL, 765HFL			•	•		•	•	•	•	•*	
605RP			•			•	•	•	•	•*	
665RP			•	•		•	•	•	•	•*	
9412D		•						•		•	
9417DN			•			•	•	•	•	•	•
9422P		•						•		•	
9427P			•			•	•	•	•	•	
9093WH, QT9093WH					•						
QTXN110HL, QTXN110HFL			•	•	•	•	•	•	•*		

*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.

MERV Filtration

MERV 8
FIN-MERV8

MOLD
SPORES
FINE DUST

MERV 13
FIN-MERV13

MOLD
SPORES
FINE DUST
BACTERIA
SMOKE



CLEAN AIR

CLEANER AIR





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
- 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

Broan Fresh In™ 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.



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 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 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® Qualified	Yes	Yes

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

Fresh In™ Premium**

Code Compliant	Climate Zone	No Thermostat Call				Thermostat Heating Call		Thermostat Cooling Call	
		Lower limit	Higher limit	Lower limit	Higher limit	Lower limit	Higher limit		
		Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)
1-ASHRAE 2016	—	14	Code compliant—no limits			14	Code compliant—no limits		
2-ASHRAE 2010	—	14				14			
3-IRC / IMC 2012–2015	—	14				14			

Comfort modes

Mode	Climate Zone	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)	Temp (F)	Dew point (F)
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

**The intelligent Fresh In™ algorithm is patent pending.



InLine Ventilation Solutions. Get powerful ventilation for multiple rooms with virtually no sound.

There are times when multiple ventilation locations are needed in a room. With an In-line ventilation solution, the blower is mounted away from the living area for virtually silent operation. These fans are ideal for ventilating larger rooms with multiple inlet ports and long duct runs. Install the housing in the attic or the basement, wherever it's most convenient and discrete.



ILF120, ILF130, ILF250, ILRF

- Energy-efficient, permanently lubricated motors
- Install in virtually any orientation
- UL Listed for commercial applications
- High pressure centrifugal blowers easily accommodate long duct runs
- Designed for quick, easy installation
- HVI certified
- Suitable for intermittent or continuous ventilation applications
- Removable panel enables easy access to electrical connections

In-Line Fan Kits

ILFK120, ILFK130, ILFK250, ILFK2502

- Kits include all components to install a single exhaust system (except wall control, wire and ducting)
- Each kit includes fan, fan cover, sleeve with damper and duct clamps
- Model ILFK2502 contains 2 fan covers (model CVG6) and a 3-way 6" Y adapter (model FY6)

Powerful Radon Mitigation

The ILRF is a powerful solution for Radon gas removal. Radon comes from the natural breakdown of uranium in soil, rock and water. When not properly ventilated it infiltrates the air you breathe. The ILRF In-Line fan helps remove radon effectively to protect against health risks.

NuTone Model	CFM	Duct	ENERGY STAR®
ILFK120	110	4	Yes
ILFK130	120	5	Yes
ILFK250	230	6	Yes
ILFK2502	230	6	Yes
ILF120	110	4	Yes
ILF130	120	5	Yes
ILF250	230	6	Yes
ILRF	140	4 or 5	No

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

Fits 4", 5" or 6" duct.



Get rewarded for installing the industry's leading ventilation products.

Here's an easy way for builders, remodelers, and trade contractors to get rewarded for your loyalty. Purchase select products, get points and redeem them for valuable merchandise.

Join today at ContractorRewards.com



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



506

- 10" fan (10⅜" diameter sleeve)
- 430 CFM
- 7.5 Sones

507

- 8" fan (8⅞" 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

- 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, 503

- Installs easily between ceiling joists or wall studs
- Built-in damper prevents backdrafts
- Fits ¾" 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
- 508 is 290 CFM and 7.5 Sones
- 509/509S is 200 CFM and 8.5 Sones

Broan Model	CFM	Sones	Sizing Specifications	Cover Size
506	430	7.5	Fits 4½"–9½" thick walls	13½ x 13½
507	250	7.0	Fits 4½"–9½" thick walls	11½ x 11½
510	370	8.5	Fits 3"–5½" thick walls	13½ x 13½
511	180	4.5	Fits 3"–5½" thick walls	13½ x 13½
502	300	9.0	Fits ¾" x 10" duct	13½ x 13½
503	160	5.0	Fits ¾" x 10" duct	11½ x 11½
508	290	7.5	Fits 4½"–9½" thick walls	13½ x 13½
509	200	8.5	Fits 4½"–9½" thick walls	11½ x 11½
509S	200	8.5	Integral ON/OFF Rotary Switch	11½ x 11½



512

- 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

- 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

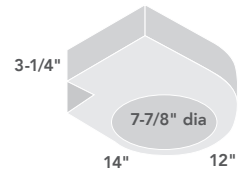
- 8" vertical discharge with built-in damper
- 8" fan, 8¼" diameter housing
- 200 CFM and 8.5 Sones



673

- 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
512	90	4.0	Fits up to 5½" thick walls
512M	70	6.0	Fits up to 5¼"-10" thick walls
504	330	8.0	Fits 10" round duct
505	200	8.5	Fits 8" round duct
673	60	4.5	Fits 6" round duct



8210 Ceiling Mount, Vertical Discharge

- 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

8310 Wall/Ceiling Mount, Side discharge only

- 160 CFM, powerful ventilation designed for larger rooms or master baths, eliminates moisture, pollutants, and odors from larger rooms
- 5.0 Sones
- Steel mounting brackets with keyhole slots for fast installation
- Duct size 8" diameter
- 3 1/4" x 10" duct, side discharge
- Installs easily in walls or ceiling
- Built-in backdraft damper
- UL Listed for use in cooking areas

NuTone Model	CFM	Sones	Duct
8210	210	6.5	Room-to-room
8310	160	5.0	8



BUILDING THE AMERICAN DREAM

Broan-NuTone® is America's most trusted residential ventilation company. We're proud to bring better air quality to more than 90 million homes nationwide.



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.



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)



L100MG, L150MG, L200MG, L250MG, L300MG, L300KMG

Model L300KMG

- Removable access panel; Suitable for kitchen use
- 8" round duct connector



L100L, L150L, L200L, L250L, L300L

Models L100L, L150L

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

Models L200L, L250L, L300L

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



L400, L400K, L500, L500K, L700

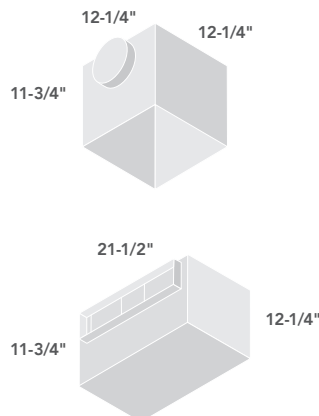
Models L400, L500, L700

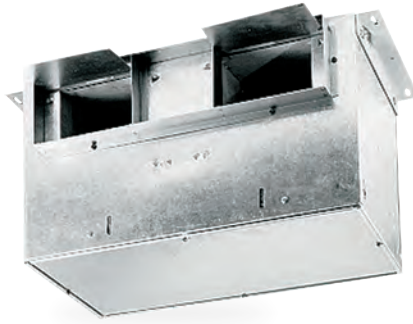
- 4½" x 18½" duct connector
- Two impact-resistant centrifugal blower wheels
- Duct horizontally or vertically—In-line available with separate adapter
- Quiet automatic backdraft dampers

Model L400K, L500K

- Suitable for kitchens
- Two metal centrifugal blower wheels
- Order Aluminum Filter LAF2

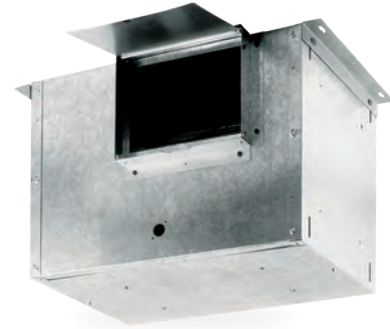
Broan Model	CFM	Sones	Duct
L100	109	0.9	6
L150	157	1.5	6
L200	210	1.7	8
L250	259	2.2	8
L300	308	2.9	8
L100MG	115	0.9	6
L150MG	161	1.4	6
L200MG	215	1.9	8
L250MG	265	2.5	8
L300MG	316	3.0	8
L300KMG	277	3.1	8
L100L	106	0.7	6
L150L	147	1.1	6
L200L	195	1.9	8
L250L	245	2.3	8
L300L	293	3.1	8
L400	434	2.3	4½ x 18½
L400K	406	3.3	4½ x 18½
L500	514	3.3	4½ x 18½
L500K	481	4.4	4½ x 18½
L700	701	4.7	4½ x 18½





L400L, L500L, L700L

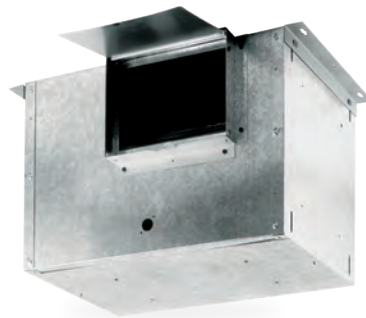
- Removable access panel; no insulation



L900, L1500

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

VENTILATION IN COMMON AREAS WHEN YOU NEED IT



L900L, L1500L

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



L2000L

- 38" L x 14⁵/₈" W x 14⁵/₈" H
- Fits 7³/₄" x 33³/₄" duct
- Optional metal fan cover (Model G102) and damper kit (Model D100)



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Here's an easy way for builders, remodelers, and trade contractors to get rewarded for your loyalty. Purchase select products, get points and redeem them for valuable merchandise.

Join today at ContractorRewards.com

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

ROOF CAPS

Model 437

- 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



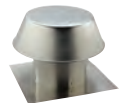
Model 611CM

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



Model 612

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



Model 612CM

- 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

Models LAF1 & LAF2

- Aluminum mesh filter traps grease and protects motor
- Dishwasher safe
- LAF1 (12" x 12") for L100/150/200/250/300 Series
- LAF1 for use with metal covers
- LAF2 (12" x 21¼") for L400/500 Series



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

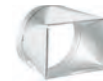
- For L900/L1500 Series
- Galvanized steel
- 8" x 12" duct intake



DUCT TRANSITIONS

Models 423 & T81212

- Galvanized steel
- 423: (4½" x 18½" to 10" round)
- T81212: (8" x 12" to 12" round)



VIBRATION DAMPENING HANGERS

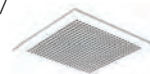
Model V104 (not shown)

- For Model L2000L
- Heavy gauge steel construction
- Neoprene vibration dampening cushion
- Maximum load 75 lbs (each)
- For ¾" 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 (21¼" x 12½") for L400/500/700 Series
- RD3 (22¼" x 18¼") for L900/1500 Series

LIGHT COMMERCIAL WALL CONTROLS



NEW

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



Single-Function Control

Model 69W

- Single Function
- Ideal for use with fan only models
- 120V, 15 amps
- Available in White



Speed Control

Model SC100W*

- Turns any PSC or AC fan into an adjustable-speed 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



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



NEW

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



NEW

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



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

Wall Controls

Model	L100–L700 Series	L900 Series	L1500 Series	L2000L	HD50L HD80L
SC100W	•				
CD60W	•	•	•	•	
DT100W	•	•			
P2RW					•
69W	•	•	•	•	
80L	•	•			
DD500W	•	•	•	•	

* Faceplate not included



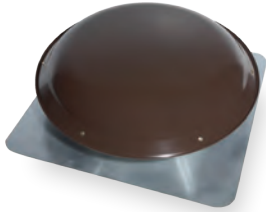


Attic ventilation. Push the heat out. Put money back in your wallet.

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.

General Features & Benefits

- Reduces moisture in attic
- Lowers temperature of home in summer
- Metal flashing allows for nailing and hot tar application
- Compatible with the following Broan controls:
Model 69V (Ivory) / 69W (White) Single-Function Control,
Model 68V (Ivory) / 68W (White) Two-Function Control,
Model 72V (Ivory) / 72W (White) Electronic Variable Speed Control—6 amp
- Mesh bird screen
- Built-in adjustable thermostat for automatic operation at your chosen temperature
- Mounts easily between rafters, installation template included



349BR
While supplies last



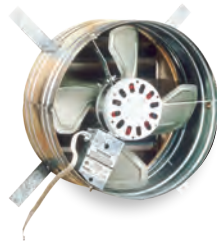
350BR, 355BR, 356BR
While supplies last



350BK, 355BK, 356BK
While supplies last



358



353, 35316
• Galvanized steel housing for added strength

- Combine with automatic shutter (model 433) to get optimum efficiency and performance



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.



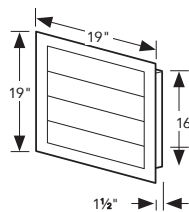
Model 73

High Temperature Cut-off sold separately for use with all Broan powered attic ventilators. High temperature controls automatically turn off the ventilator at 204°F. For additional switches see page 50–51

Powered Attic Ventilation Specifications

Model	Attic Sq Ft	AMPs	CFM*	RPM	Height	Diameter	Dome Material	Color
Roof Mount								
349BR**	Up to 1400	4	1000	1050	9	24½	Painted Steel	Dark Brown
350BR** 350BK**	Up to 1500	3.6	1050	1000	8	23¼	PVC	Brown/Black
355BR 355BK	Up to 1715	4.3	1000	1050	8	23¼	PVC	Brown/Black
356BR ** 356BK	Up to 2285	8.0	1600	1500	8	23¼	PVC	Brown/Black
358	Up to 1715	4.3	1000	1050	8	23¼	Aluminum	Silver
Gable Mount								
353†	Up to 1460	3.4	1020 / 760**	1030	—	—	—	—
35316†	Up to 2285	3.9	1600 / 1160**	1420	—	—	—	—

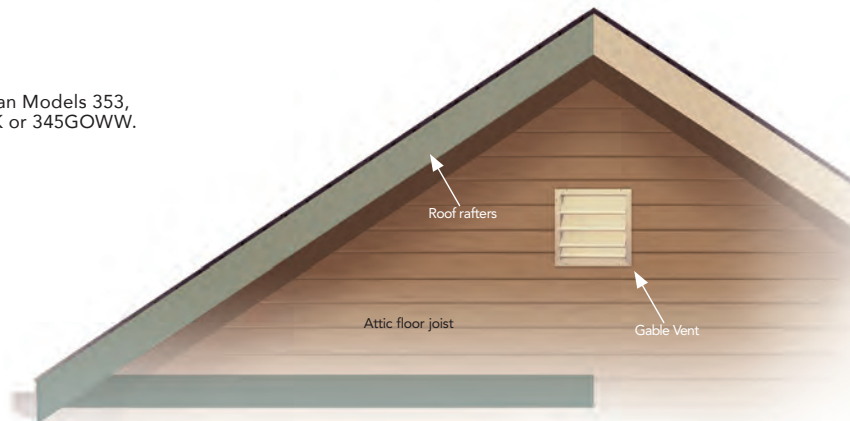
**While supplies last



For use with Broan Models 353, 35316, 345GOBK or 345GOWW.

433 Automatic Shutter for Gable Mount Attic Ventilators

- 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



Surface mount solar ventilation

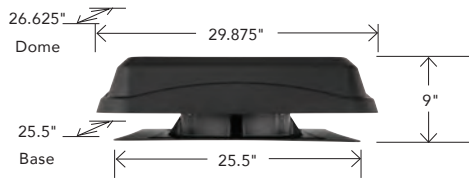
For most roofs, our one-piece solar-powered attic ventilator (SPAV) is the perfect solution. Because our solar cells are highly efficient at capturing the sun’s energy, there is no need for unsightly raised panels or tracking systems. Instead, what you see is a low profile ventilator in a contoured design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



345SOBK

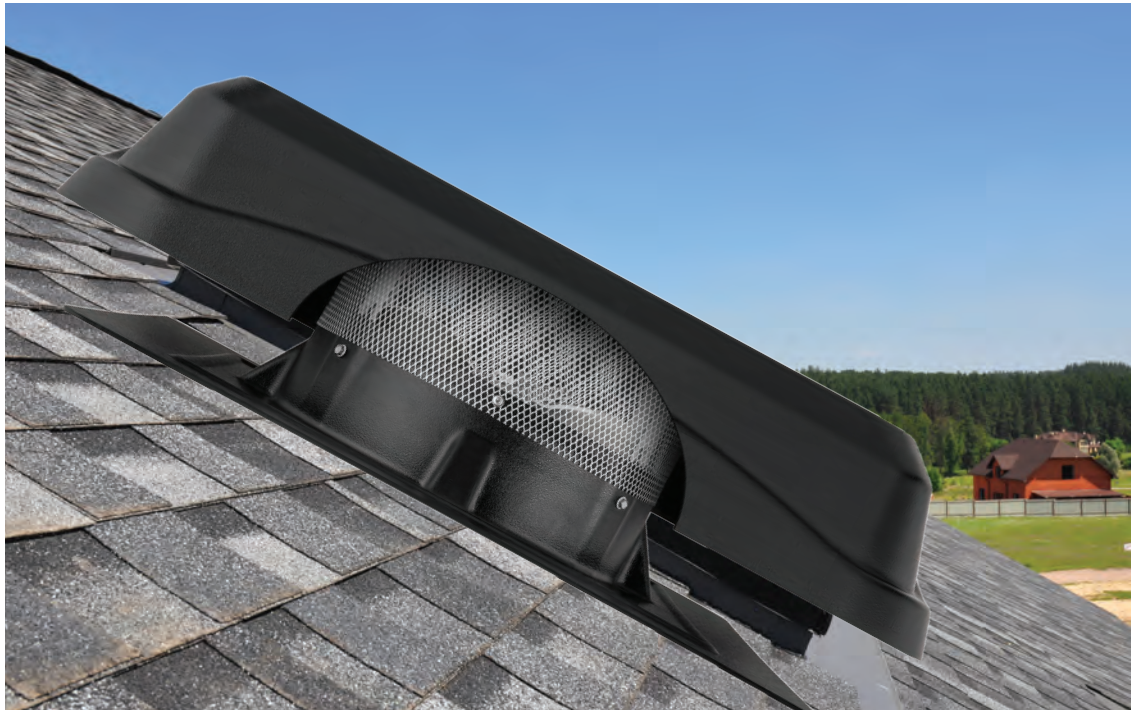


345SOWW



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

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



Determine your ventilation needs.

1. Calculate the Volume of Your Attic



Gable Roof

Volume (cubic feet) = Length × width × height ÷ 2



Hip Roof

Volume (cubic feet) = Length × width × height ÷ 3

2. Recommended Ventilation Capability

Attic volume × 10 air changes per hour = Total cubic feet per hour

3. Convert to CFM

Total cubic feet per hour ÷ 60 = Cubic feet per minute (CFM)

Example

Average Gable Roof volume
 58 ¾ ft × 29 ft × 7 ¼ ft ÷ 2 = **6,176 ft³**
 6,176 ft³ × 10 = **61,760 ft³/hr**
 61,760 ft³/hr ÷ 60 = **1,029 CFM**

4. Calculate Minimum Soffit Vent Area

Replacement air is drawn through vents in your soffit. Minimum soffit vent area (square inches) = CFM × 0.48

Example

1,029 CFM × 0.48 = **494 square inches**

Determining the CFM* requirements for your Attic Gable Mount Ventilators

Roof Pitch	8/12 or Less		9/12		12/12		15/12	
	Standard Louver	433 Louver	Standard Louver	433 Louver	Standard Louver	433 Louver	Standard Louver	433 Louver
Light Colored Roof Square Footage								
353	1085	1460	1015	1360	570	765	355	385
35316	1658	2285	1549	2135	870	200	559	770
Dark Colored Roof Square Footage								
353	950	1275	880	1185	500	670	315	425
35316	1442	1985	1347	1855	757	1055	486	670

Numbers in charts are attic square footage that fan can ventilate.



Roof Mount Ventilators

Roof Pitch	CFM	8/12 or Less	9/12	12/12	15/12
Light Colored Roof Square Footage					
349BR**	1000	1490	1180	782	501
350BR**, 350BK**	1050	1500	1399	790	508
355BR, 355BK	1000	1715	1600	900	575
356BR**, 356BK	1600	2285	2135	1200	770
358	1000	1715	1600	900	575
Dark Colored Roof Square Footage					
349BR**	1000	1290	1200	684	427
350BR**, 350BK**	1050	1304	1219	694	430
355BR, 355BK	1000	1495	1390	790	505
356BR**, 356BK	1600	1985	1855	1055	670
358	1000	1495	1390	790	505

**Whiles supplies last

† Model 433 Automatic Shutter Accessory sold separately. See page 67.
 *Exhaust capacity HVI certified @ .03" static pressure.
 **Higher CFM with Model 433 shutter. Lower CFM with standard wood louver. The Home Ventilating Institute (HVI) recommends 1 sq. ft. of open air inlet per 300 CFM of fan capacity. The best location for these air intake vents is under the eaves with direct access to the attic. Vents for gable installations should be placed at the end of the house opposite the installed ventilator. Failure to provide these intakes could cause natural-draft gas appliances to backdraft.



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.



ADAPTERS

Model FY6

- 6" x 6" x 6" Y adapter
- Available while supplies last



DAMPERS

Model 97 Damper

- 7" spring-loaded, in-line damper



Model BP87Q

- 7" vertical discharge damper



DUCTING

Model 406 Round Duct

- 6" round duct
- 2' galvanized section



Model 407 Round Duct

- 7" round duct
- 2' galvanized section



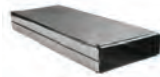
Model 410 Round Duct

- 10" round duct
- 2' galvanized section



Model 889 Duct

- 3¼" x 10" duct
- 2' galvanized sections



Models DT4C & DT6C Non-Insulated Flexible Duct

- 4" (DT4C) or 6" (DT6C) round
- DT4C is a 4-pack
- DT6C available while supplies last
- 25' standard length



Models DT4W, DT6W & 804DU Insulated Flexible Duct

- 4" (DT4W & 804DU) or 6" (DT6W) round
- 25' standard length



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 415

Adjustable Elbow

- Fits 7" round duct



Model 418

Adjustable Elbow

- Fits 10" round duct



Model 419

Adjustable Elbow

- Fits 6" round duct



Model 428

Vertical Elbow

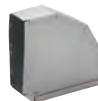
- Fits 3¼" x 10" duct



Model 429

Horizontal Elbow

- Fits 3¼" x 10" duct



Model 430

Short Eave Elbow

- For 3¼" x 10" duct
- Includes backdraft damper and cover (black)
- Only recommended for fans with more than 160 CFM



Model 431 Long Eave Elbow

- For 3¼" x 10" duct
- Includes backdraft damper and cover (black)
- Only recommended for fans with more than 160 CFM



Model 839 Elbow

- 90° turn
- For use with 3¼" x 10" duct
- Available while supplies last



FILTERS

Model 834 Filter

- For 8" fans



Model 854 Filter

- Aluminum mesh grease filter
- For 10" fans



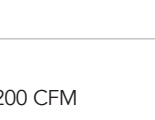
Model 99010042 Aluminum Filter

- 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 437* 10" Round

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



Model 611 Roof Cap*

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



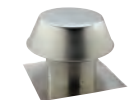
Model 611CM Roof Cap*

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



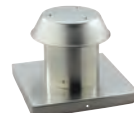
Model 612 Roof Cap*

- 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



Model 644 Roof Cap*

- Same as Model 634, except for aluminum natural finish



SLEEVES

Model CVLD4

- 4" sleeve with damper

Model CVLD6

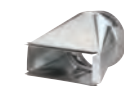
- 6" sleeve with damper



TRANSITIONS

Model 886 Transition

- Converts 7" round to 3¼" x 10" duct
- Available while supplies last



Model 475 Transition

- Converts 6" round duct to 4" round duct reducer
- Available in 6 Pack (475B)



Model 413 Transition

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



Model 403B Transition

- 3-4" duct increaser

Model 405B Transition

- 4-8" duct increaser

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 Cap*

- 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 647 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 Cap*

- 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 885AL Wall Cap*

- Same as model 885BL except aluminum natural finish



Model 642

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



Model 643 Wall Cap*

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



Model 646 Louvered Wall* Cap for 6" Round Duct

- Single pack
- White polymeric



Model WC650 Wall Cap*

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



*Not for use with dryers.

SPECIFICATIONS

FLEX SERIES™ FANS & FAN/LIGHTS

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	Lighting Watts Main/ Night Light	ENERGY STAR®	Lighting Type	Housing Size				Cover Size		Cover Finish	Amps
									Duct Size"	L"	W"	H"	L"	W"		
AE50110DC		8	50-80-110	<0.3-0.4-0.9	105	—	Yes	—	4	9¼	10	5¾	11¾	12½	WP	0.3
AE50110DCL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.4
AE50110DCS		8	50-80-110	<0.3-0.4-0.9	105	—	Yes	—	4	9¼	10	5¾	11¾	12½	WP	0.3
AE50110DCSL		8	50-80-110	<0.3-0.4-0.9	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.4
AE80K		11	80	0.7	75	—	Yes	—	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE80	AEN80	11	80	0.7	75	—	Yes	—	4	9¼	10	5¾	11¾	12	WP	0.3
AE110	AEN110	11	110	1.0	105	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE80B	AEN80B	11	80	1.2	75	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE50	AEN50	11	50	0.5	45	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.2
A80		11	80	2.0	75	—	No	—	4	9¼	10	5¾	11½	12	WP	0.37
AE80S		9	80	0.7	75	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
AE110K		11	110	1.0	105	—	Yes	—	4	9¼	10	5¾	12¼	12¼	WP	0.3
A110	AN110	11	110	3.0	105	—	No	—	4	9¼	10	5¾	11½	12	WP	0.4
AE110S		9	110	1.0	105	—	Yes	—	4	9¼	10	5¾	11½	12	WP	0.3
A80L*	AN80L	10	80	1.0	75	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
A110L*	AN110L	10	110	1.3	105	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
A50L*		10	50	1.5	45	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1
A70L*	AN70L	10	70	2.0	65	E26 Base	No	—	4	9¼	10	5¾	11½	12½	WP	1.2
AE80BL	AEN80BL	10	80	1.2	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.3
AE80LK		10	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE80L	AEN80L	10	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.3
AE80SL		9	80	0.7	75	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	1.2
AE110LK		10	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3
AE110L	AEN110L	10	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	0.3
AE110SL		9	110	1.0	105	11W LED	Yes	LED	4	9¼	10	5¾	11¾	12½	WP	1.2
AR110LKVV	ARN110LKVV	25	110	1.0	105	11W LED	No	LED	4	9¼	10	5¾	12¼	12¼	WP	0.3

*Bulb not included.

FANS

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	ENERGY STAR®	Duct Size"	Housing Size			Cover Size		Cover Finish	Amps
								L"	W"	H"	L"	W"		
E050		42	50	2.5	45	No	3	7¼	7½	3½	9¼	9¾	WP	1.1
E070		42	70	4.0	65	No	3	7¼	7½	3½	9¼	9¾	WP	1.5
670		42	50	3.5	45	No	3	7¼	7½	3½	9	9¼	WP	0.8
671	695	42	70	6.0	65	No	3	7¼	7½	3½	9	9¼	WP	1.2
682	682NT	43	—	—	—	No	Duct-free	7½	7½	3¾	8½	8½	WP	1
688	696N	42	50	4.0	45	No	3	7¼	7½	3½	9	9¼	WP	0.9
LP80	LPN80	33	80	1.0	75	Yes	4" Oval or 3" Round	11¾	10½	4	13	14	WP	0.3
LP110		33	110	1.5	105	Yes	4" Oval	11¾	10½	4	13	14	WP	0.3
LP50100DC		33	50-80-100	<0.3-0.7-1.2	90	Yes	4" Oval	11¾	10½	4	13	14	WP	0.4
SPK110		27	110	1.0	105	Yes	4	11¾	10½	7½	13	14	WP	0.9
SSQTXE080		19	80	0.3	75	Yes	6	11¾	10½	7½	13	13¾	WP	0.2
SSQTXE110		19	110	0.7	105	Yes	6	11¾	10½	7½	13	13¾	WP	0.3
QTXE080	QTXEN080	17	80	0.3	75	Yes	6	11¾	10½	7½	13	13¾	WP	0.2
QTXE110	QTXEN110	17	110	0.7	105	Yes	6	11¾	10½	7½	13	13¾	WP	0.3
QTXE110S		17	110	0.7	105	Yes	6	11¾	10½	7½	12¾	13¾	WP	0.3
QTXE150	QTXEN150	17	150	1.4	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.5
QTXE110150DC		15	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.4
QTXE110150DCS		15	110-130-150	<0.3-0.4-0.7	140	Yes	6	11¾	10½	7½	13	13¾	WP	0.5
RB80	RN80	23	80	<0.3	75	Yes	4	11¾	10½	7½	13	13¾	WP	0.3
RB110	RN110	23	110	0.6	105	Yes	4	11¾	10½	7½	13	13¾	WP	0.3
XB50		22	50	<0.3	45	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
XB80		22	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
XB110		22	110	<0.3	105	Yes	6	10½	11¾	7½	13	13¾	WP	0.2
XB110H		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2
ZB80		22	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13	13¾	WP	0.1
ZB80M		21	80	<0.3*	75	Yes	6" Round + 6" to 4" Reducer	10½	11¾	7½	13¾	14	WP	0.1
ZB110		22	110	<0.3	105	Yes	6	10½	11¾	7½	13	13¾	WP	0.2
ZB110H		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2
ZB110M		21	110	<0.3	105	Yes	6	10½	11¾	7½	13¾	14	WP	0.2

Radiation Dampers can be found on pages 17 and 63. *With 6" duct (with 4" duct 0.3).

FAN/LIGHTS

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	Lighting Watts Main/ Night Light	ENERGY STAR®	Lighting Type	Duct Size"	Housing Size			Cover Size		Cover Finish	Amps
										L"	W"	H"	L"	W"		
657	668RP	41	70	4.0	65	E26 Base	No	—	4	14¼	8¼	5¾	16¾	10%	WP	2
678	763, 763N	41	50	2.5	45	E26 Base	No	—	4	8¼	8	5¾	11½	10%	WP	1.6
679		41	70	3.5	65	A19	No	—	4	8	8¼	5¾	10%	11½	WP	2
696		41	100	4.5	90	E26 Base	No	—	4	14¼	8¼	5¾	16¾	10%	WP	2
744	744NT	29	70	1.5	65	75W	No	—	4	8¼	12¾	6¾	7¾Dia	—	MW	1.2
744L		29	50-80	0.3-2.0	75	75W	No	—	4	8¼	12¾	6¾	7¾Dia	—	MW	1.3
	744RNL	29	50-80	0.3-2.0	75	75W	Yes	LED	4	8¼	12¾	6¾	7¾Dia	—	MW	0.4
AER110SLW	AERN110SLW	31	110	1.5	105	16W LED	Yes	LED	4	9¼	10	5¾	15 Dia	—	White	0.6
AER80LWH	AERN80LWH	31	80	0.8	75	16W LED	Yes	LED	4	9¼	10	5¾	15 Dia	—	White	0.5
AER110LBN		31	110	1.5	105	16W LED	Yes	LED	4	9¼	10	5¾	15 Dia	—	Bright Nickel	0.6
AR80LWH		31	80	2.0	75	16W LED	No	LED	4	9¼	10	5¾	15 Dia	—	White	0.5
770RLTK	770RNLTK	31	80	2.5	75	E26 Base	No	—	4	8	8¼	5¾	13¾Dia	—	White	1.5
AER110LTK	AERN110LTK	31	110	1.5	105	16W LED	Yes	LED	4	9¼	10	5¾	12	12	Multiple	0.6
	QTNLEDA	30	110	0.7	105	18W Fluorescent / 4W LED Nightlight	Yes	GU24 Base	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13¾	13¾	White	1
	QTNLEDB	30	110	0.7	105	18W Fluorescent / 4W LED Nightlight	Yes	GU24 Base	6" Round + 6" to 4" Reducer	10½	11¾	7¾	13¾	13¾	White	1
744LED	744LEDNT	29	70	1.5	65	9.5W LED	Yes	GU24 Base	4	8¼	12¾	6¾	7¾Dia	—	MW	0.55
750	8663RP	41	100	5.0	90	100W / 7W Nightlight	No	—	4	9	9	6	15 Dia	—	WP	1.9
751	8664RP	41	100	5.0	90	100W	No	—	4	9	9	6	15 Dia	—	WP	1.9
HD80L	HB80RL	41	80	2.5	75	100W Incandescent	No	—	4	8¼	8	5¾	11½	10%	WP	1.5
QTXE080FLT	QTXEN080FLT	16	80	0.3	75	18W Fluorescent / 4W Nightlight	Yes	CFL	6	11¾	10½	7¾	13	13¾	WP	0.8
QTXE110FLT	QTXEN110FLT	16	110	0.7	105	18W Fluorescent / 4W Nightlight	Yes	CFL	6	11¾	10½	7¾	13	13¾	WP	1
QTXE150FLT	QTXEN150FLT	16	150	1.4	140	18W Fluorescent / 4W Nightlight	Yes	CFL	6	11¾	10½	7¾	13	13¾	WP	1.2
QTXE110150DCL		15	110-130-150	<0.3-0.4-0.7	140	Integrated LED	Yes	LED	6	11¾	10½	7¾	13	13¾	WP	0.5
QTXE110150DCSL		15	110-130-150	<0.3-0.4-0.7	140	Integrated LED	Yes	LED	6	11¾	10½	7¾	13	13¾	WP	0.5
RB80L1	RN80L	23	80	<0.3	75	LED	Yes	LED	4	11¾	10½	7¾	14¼	13¾	WP	1
RB110L1	RN110L	23	110	0.8	105	LED	Yes	LED	4	11¾	10½	7¾	14¼	13¾	WP	1
SPK80L	SPK80NL	27	80	2.5	75	LED	No	LED	4	8¼	8	5¾	10¼	9¾	WP	0.5
XB50L1		22	50	<0.3	45	LED	Yes	LED	6" Round + 6" to 4" Reducer	10½	11¾	7¾	14¼	13¾	WP	0.7
XB80L1		22	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	10½	11¾	7¾	14¼	13¾	WP	0.7
XB110L1		22	110	<0.3	105	LED	Yes	LED	6	10½	11¾	7¾	14¼	13¾	WP	0.9
XB110HL1		21	110	<0.3	105	LED	Yes	LED	6	10½	11¾	7¾	14¼	13¾	WP	0.9
ZB80L1		22	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	10½	11¾	7¾	14¼	13¾	WP	0.8
ZB80ML1		21	80	<0.3*	75	LED	Yes	LED	6" Round + 6" to 4" Reducer	10½	11¾	7¾	14¼	13¾	WP	0.8
ZB110L1		22	110	<0.3	105	LED	Yes	LED	6	10½	11¾	7¾	14¼	13¾	WP	0.9
ZB110HL1		21	110	<0.3	105	LED	Yes	LED	6	10½	11¾	7¾	14¼	13¾	WP	0.9
ZB110ML1		21	110	<0.3	105	LED	Yes	LED	6	10½	11¾	7¾	14¼	13¾	WP	0.9

*With 6" duct (with 4" duct 0.3)

SPECIFICATIONS

HEATER/FAN/LIGHTS

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Baths up to () Sq Ft	Lighting Watts Main/ Night Light	Housing Size			Cover Size		Cover Finish	Duct Size"	Amps	Heater Wattage
							L"	W"	H"	L"	W"				
100HL	765HL**	35	100	2.0	90	100W Incandescent	16	10¼	5¾	17½	11½	WP	4	14	1500
100HFL**	765HFL**	35	100	2.0	90	27W Fluorescent	16	10¼	5¾	17½	11½	WP	4	14	1500
162*	9417DN	39	70	4.0	not specified	250W Infrared	8¾	8¾	6¾	10¼	10¼	WP	4	2.5	250*
164*	9427P	39	70	4.0	not specified	500W Infrared	14¼	8¾	6¾	15¾	10¼	WP	4	4.5	500*
655	665RP	36	70	4.0	65	100W	14¼	8¼	5¾	16¾	10¾	WP	4	12.8	1300
656		36	n/a	n/a	n/a	100W	14¼	8¼	5¾	16¾	10¾	WP	n/a	11.9	1300
658	605RP	38	70	4.0	65	n/a	14¼	8¼	5¾	16¾	10¾	WP	4	11.9	1300
659		36	50	2.5	45	100W	14¼	8¼	5¾	16¾	10¾	WP	4	12	1300
QTX110HL	QTXN110HL	35	110	0.9	105	120W/7W	17¾	11¾	7¾	20	15	WP	6	14.6	1500
QTX110HFLT	QTXN110HFLT	35	110	0.9	105	36W/7W	17¾	11¾	7¾	20	15	WP	6	13.5	1500
765H110LB	765H110L	35	110	2.0	105	100W	16	10¼	5¾	17½	11½	WP	4	14	1500
765H80LB	765H80L	36	80	2.0	75	14W LED	14¼	8¼	5¾	16¾	10¾	WP	4	11	1300
	QT9093WH	36	110	4.0	105	100W/7W	13 ¼	18¾	7½	15¾ diameter		WP	4	14.3	1500
	9093WH	36	70	3.5	65	100W/7W	13 ¼	18¾	7½	15¾ diameter		WP	4	14.3	1500

*Ventilation Fan/Bulb Heater versions

**While supplies last

UPGRADE KITS

Broan Model	NuTone Model	Page	CFM	Sones	Lighting Watts Main/ Night Light	Speaker	Housing Size			Cover Size		Cover Finish	Install Time	Duct Size"	Total Connected			
							L"	W"	H"	L"	W"				Amps	Load In Watts	Heater Wattage	BTU
QK60 + QK60S	QKN60 + QKN60S	46	60	2.5	n/a	n/a	n/a	n/a	n/a	10¾	10	White	< 10 min	n/a	n/a	n/a	n/a	n/a
FG600 + FG600S	FG500N + FG500NS	46	n/a	n/a	LED	n/a	n/a	n/a	n/a	10¼	9¾	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	13¼	13¾	Bright White	< 5 min	n/a	n/a	n/a	n/a	n/a
FG800SPK + FG800SPKS	FG800SPKN + FG800SPKNS	45	n/a	n/a	LED	Bluetooth® Speaker	n/a	n/a	n/a	10¼	9¾	Bright White	< 5 min	n/a	n/a	n/a	n/a	n/a
FG1000VV + FG1000VVS		45	n/a	n/a	SurfaceShield® LED powered by Vital Vio®	n/a	n/a	n/a	n/a	12¼	12¼	Bright White	< 5 min	n/a	n/a	n/a	n/a	n/a
FGR101 + FGR101S		47	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9¾	9¾	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	11½	12	Bright White	< 5 min	n/a	n/a	n/a	n/a	n/a
VVLED		25	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
SPKACC		27	n/a	n/a		Bluetooth® Speaker	n/a	n/a	n/a	n/a	n/a	n/a	< 5 min	n/a	n/a	n/a	n/a	n/a

INLINE

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Lighting Watts Main/ Night Light	Housing Size			Cover Size		Cover Finish	Duct Size"	Amps	ENERGY STAR
						L"	W"	H"	L"	W"				
	ILFK120	55	110	n/a	n/a	10	3¾	10	n/a	n/a	n/a	4	0.2	Yes
	ILFK130	55	120	n/a	n/a	7¾	4¾	12	n/a	n/a	n/a	5	0.2	Yes
	ILFK250	55	230	n/a	n/a	9¾	5¾	12	n/a	n/a	n/a	6	0.6	Yes
	ILFK2502	55	230	n/a	n/a	9¾	5¾	12	n/a	n/a	n/a	6	0.6	Yes
	ILF120	55	110	n/a	n/a	10	3¾	10	n/a	n/a	n/a	4	0.2	Yes
	ILF130	55	120	n/a	n/a	7¾	4¾	12	n/a	n/a	n/a	5	0.2	Yes
	ILF250	55	230	n/a	n/a	9¾	5¾	12	n/a	n/a	n/a	6	0.6	Yes
	ILRF	55	140	n/a	n/a	10	3¾ or 4¾	10	n/a	n/a	n/a	4 or 5	0.7	No
	FIN-180B	53	30-180	0.65	—	Yes	—	14 ¾	10 ¼	10	—	—	—	0.7

*Ventilation Fan/Bulb Heater versions

**While supplies last

POWERED ATTIC VENTILATORS—GABLE AND ROOF MOUNT

Broan Model	NuTone Model	Page	CFM	Sones	Description	Housing Size			Amps	Dome Color	Dome Material
						L"	W"	H"			
349BR**		67	1000	n/a	PAV—Roof Mount	25 Sq	24½ Dia Dome	9	4.0	Dark Brown	Metal
350BK**		67	1050	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	3.6	Black	PVC
350BR**		67	1050	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	3.6	Brown	PVC
353		67	1020	n/a	PAV—Gable Mount	15 Dia	—	8	3.4	—	—
35316		67	1600	n/a	PAV—Gable Mount	15 Dia	—	8	3.9	—	—
355BK		67	1000	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	4.3	Black	PVC
355BR		67	1000	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	4.3	Brown	PVC
356BK		67	1600	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	8.0	Black	PVC
356BR**		67	1600	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	8.0	Brown	PVC
358		67	1000	n/a	PAV—Roof Mount	22¼ Sq	23¼ Dia Dome	8	4.3	Silver	Metal

**While supplies last

BULB HEATER (NO FAN)

Broan Model	NuTone Model	Page	CFM	Sones, HVI-Certified	Lighting Watts Main/Night Light	Housing Size			Cover Size		Cover Finish	Duct Size"	Amps	Heater Wattage
						L"	W"	H"	L"	W"				
161	9412D	39	n/a	n/a	250W Infrared	8¾	8¾	6	10¼	10¼	White Polymeric		2.1	250
163	9422P	39	n/a	n/a	500W Infrared	14¼	8¾	6	10%	10¼	White Polymeric		4.3	500

See models 162 and 164 above for Ventilation Fan/Bulb Heater versions

UTILITY FANS

Broan Model	NuTone Model	Page	CFM	Sones	Housing Size			Cover Size		Amps	Duct Size
					L"	W"	H"	L"	W"		
502		57	300	9.0	16¾	13¾	3¼	13½ Sq	1.7	3¼" x 10"	
503		57	160	5.0	14	12	3¼	11½ Sq	1.5	3¼" x 10"	
504		58	330	8.0	—	10¼ Rd	7	13½ Sq	1.7	10"	
505		58	200	8.5	—	8¼ Rd	7	11½ Sq	1.5	8"	
506		57	430	7.5	—	10¾ Rd	—	13½ Sq	1.7	Direct Discharge	
507		57	250	7.0	—	8¾ Rd	—	11½ Sq	1.5	Direct Discharge	
508		57	290	7.5	—	10¾ Rd	—	13½ Sq	1.7	Direct Discharge	
509		57	200	8.5	—	8¾ Rd	—	13½ Sq	1.5	Direct Discharge	
509S		57	200	8.5	—	8¾ Rd	—	13½ Sq	1.5	Direct Discharge	
510		57	370	8.5	—	11½ Sq	—	13½ Sq	1.7	Room to room wall fan	
511		57	180	4.5	—	11½ Sq	—	13½ Sq	0.9	Room to room wall fan	
512		58	90	4.0	—	6 Rd	—	8 Dia	0.7	Room to room wall fan	
512M		58	70	6.0	—	6 Rd	—	8 Dia	0.7	Direct Discharge	
673		58	60	4.5	—	6¼ Rd	5¼	8 Dia	1.0	6"	
8210		59	210	6.5	—	9 Dia	5%	11 Dia	0.8	7"	
8310		59	160	5.0	14	12	3¼	11 Dia	1.5	3¼" x 10"	

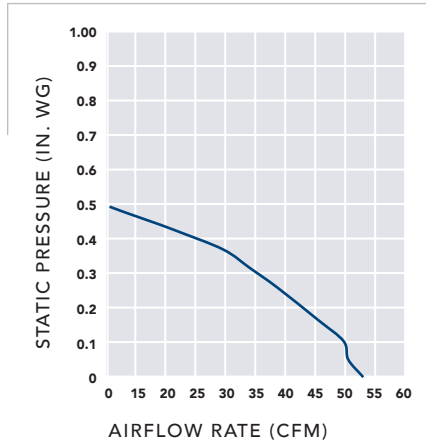
SOLAR-POWERED ATTIC VENTILATORS—SURFACE, CURB, REMOTE AND GABLE

Model*	Page	Mount	Color	Housing Material*	Solar Panel Power Output	Pieces	Dome/Panel Dimensions (inches)		
							Height"	Width"	Length"
345SOBK	68	Curb	Black	ABS Plastic	28 Watts	1 pc	11	29¾	26¾
345SOWW	68	Curb	Weathered Wood	ABS Plastic	28 Watts	1 pc	11	29¾	26¾

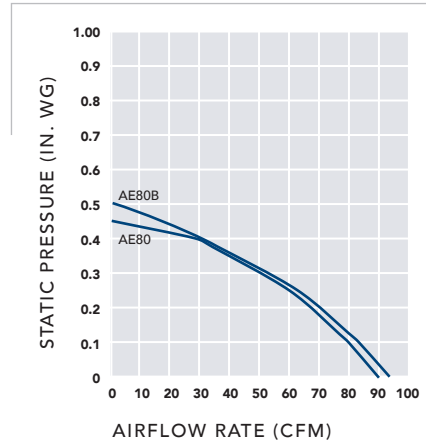
*All UV-enhanced ABS plastic housings may be painted to match roof color

Flex SERIES™

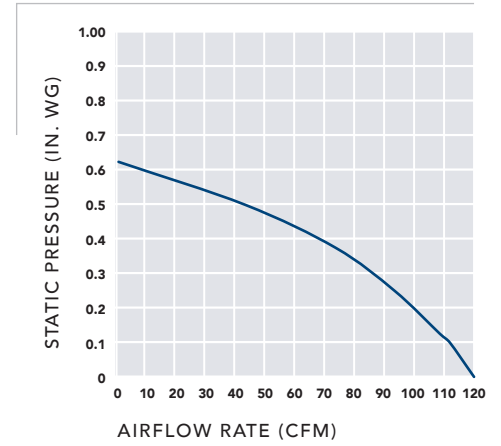
AE50 (Ceiling Mount)



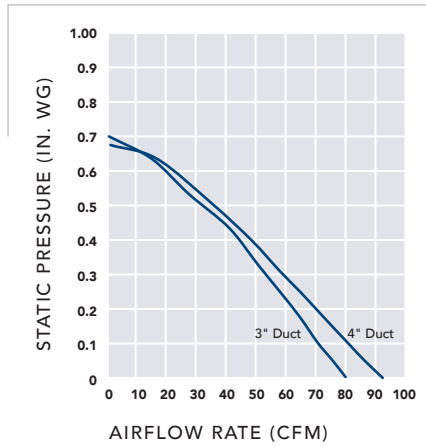
AE80, AE80B (Ceiling Mount)



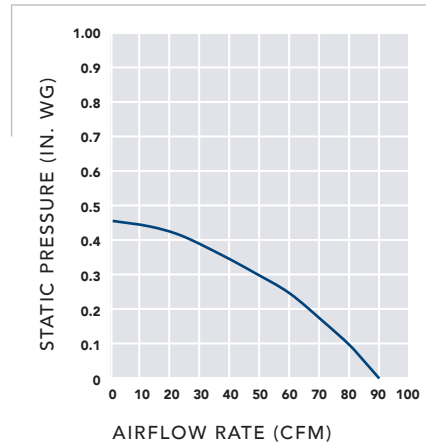
AE110 (Ceiling Mount)



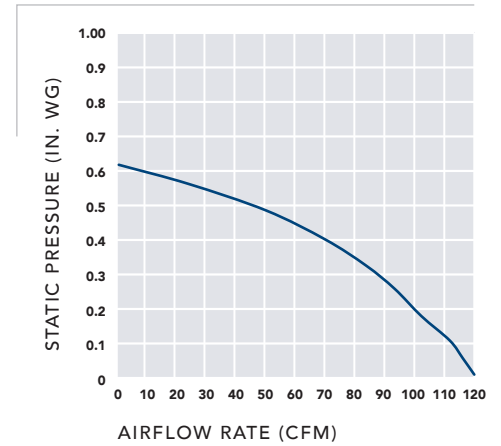
LP80 (Ceiling Mount)



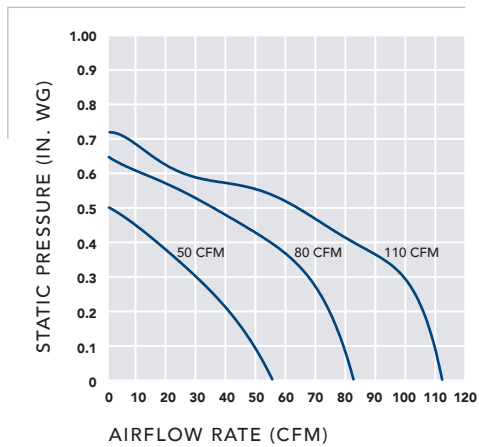
AE80L, AE80BL (Ceiling Mount)



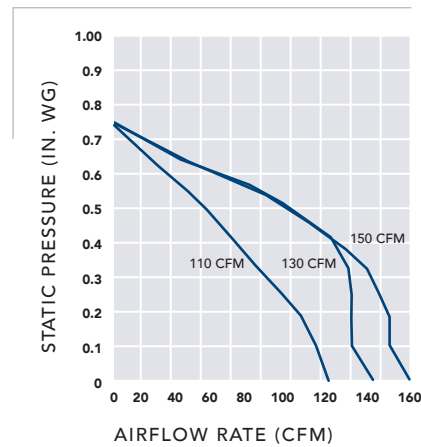
AE110L (Ceiling Mount)



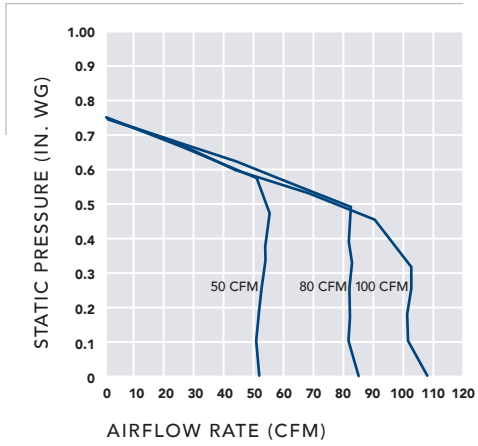
AE50110DC (Ceiling Mount)



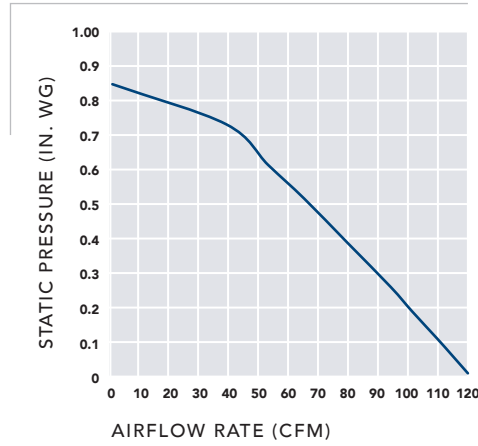
QTXE110150DC (Ceiling Mount)



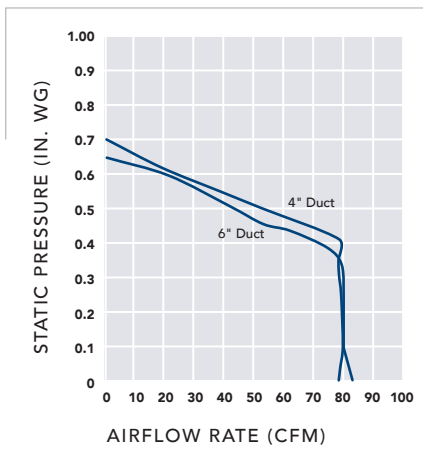
LP50100DC (Ceiling Mount)



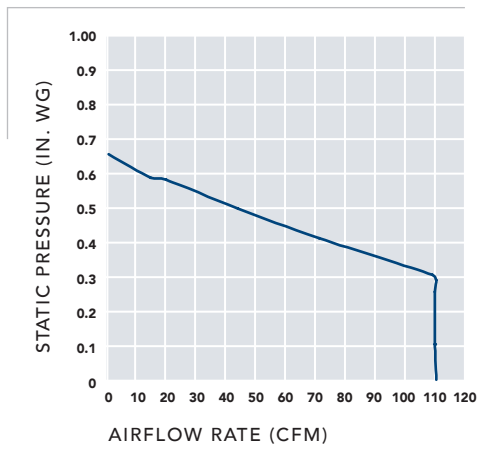
LP110 (Ceiling Mount)



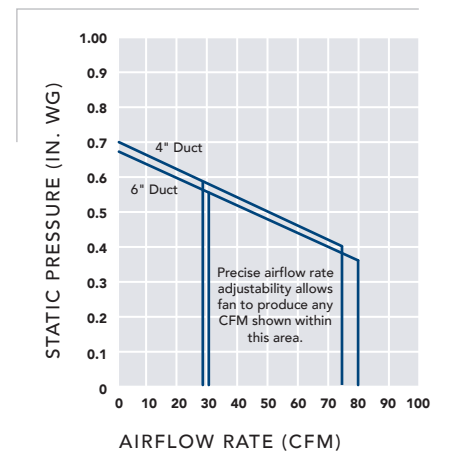
XB80 (Ceiling Mount)



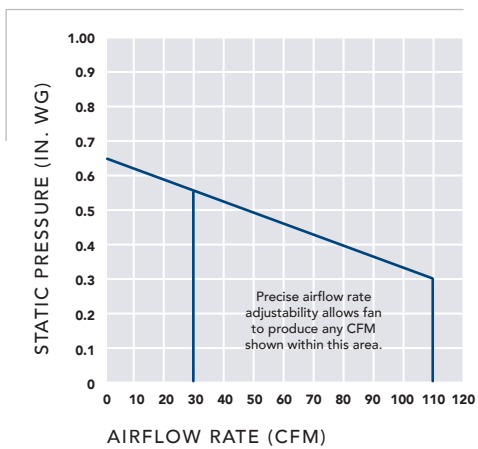
XB110 (Ceiling Mount)



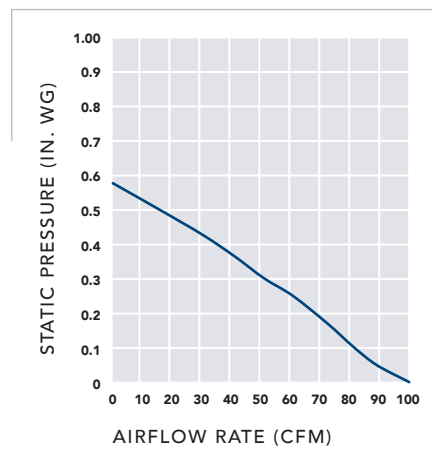
ZB80 (Ceiling Mount)



ZB110 (Ceiling Mount)

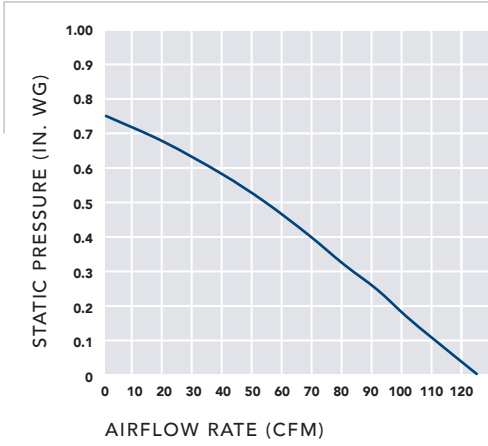


RB80 (Ceiling Mount)

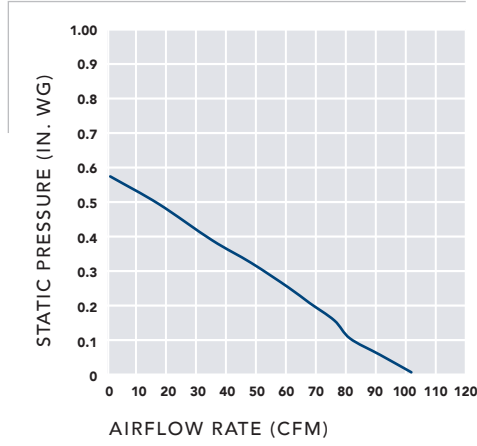


PERFORMANCE CURVES

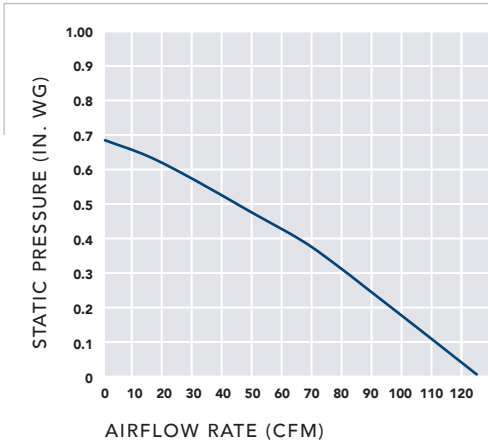
RB110 (Ceiling Mount)



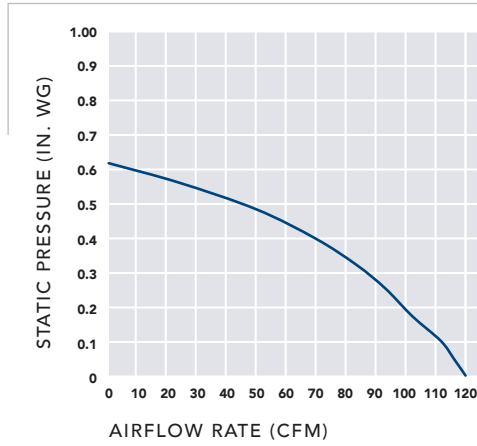
QTXE080 (Ceiling Mount)



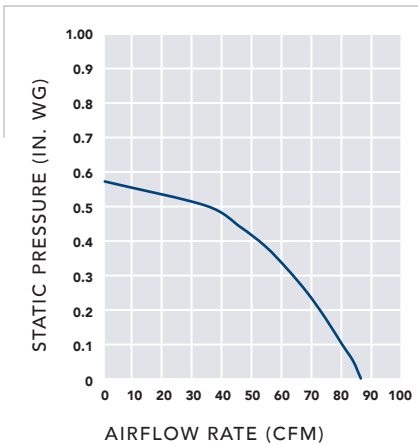
QTXE110 (Ceiling Mount)



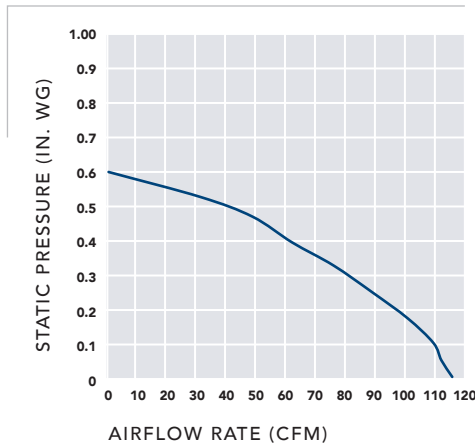
AR110LKVV (Ceiling Mount)



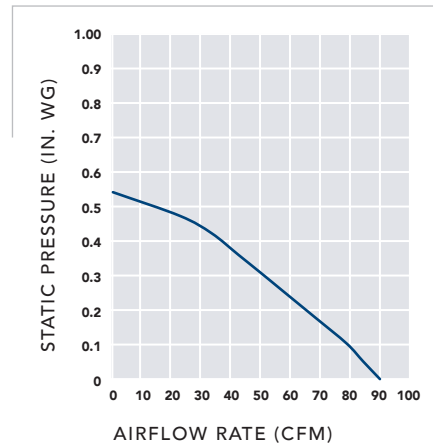
SPK80 (Ceiling Mount)



AER110LTK (Ceiling Mount)

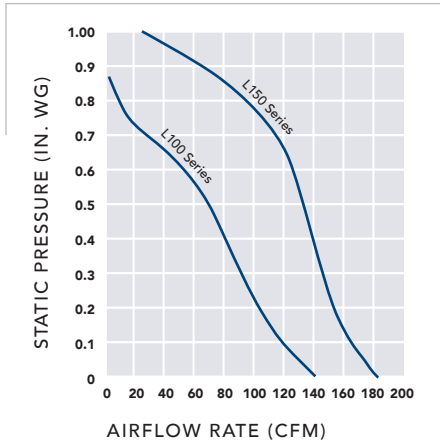


AER80LWH (Ceiling Mount)

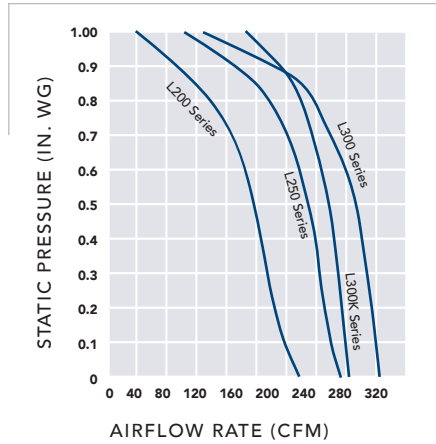


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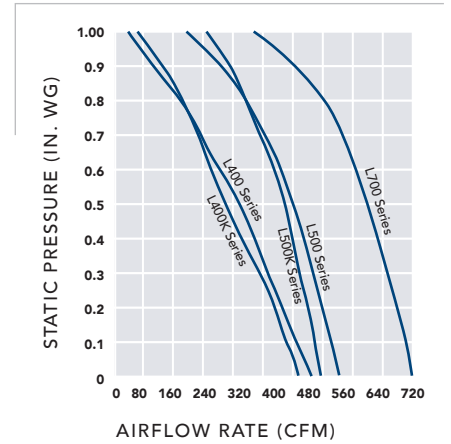
L100, L150 Series (Ceiling Mount)



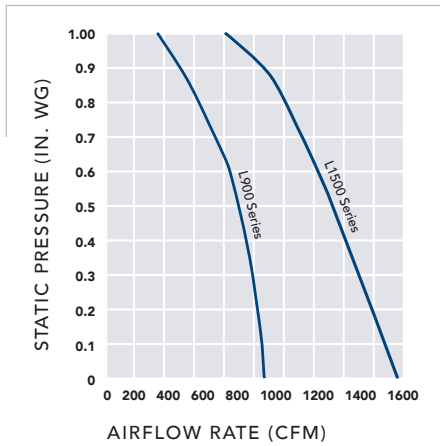
L200, L250, L300, L300K Series (Ceiling Mount)



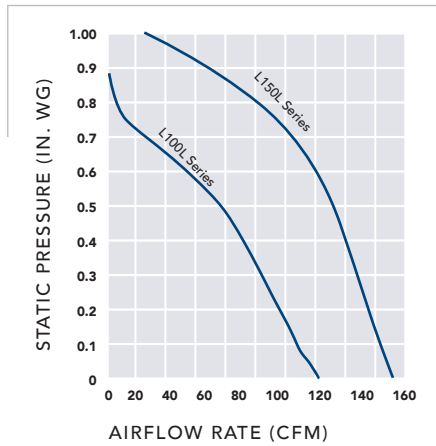
L400, L500, L700 Series (Ceiling Mount)



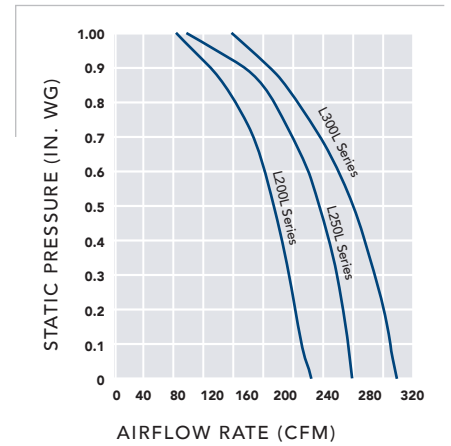
L900, L1500 Series (Ceiling Mount)



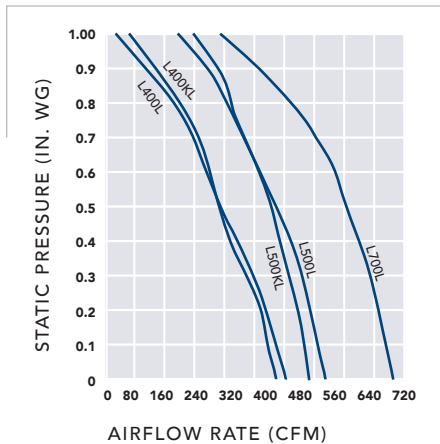
L100L, L150L (In-Line)



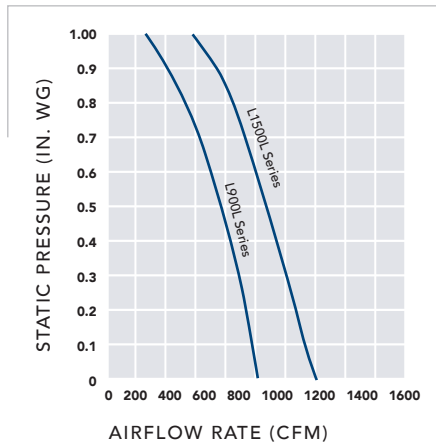
L100L, L150L (In-Line)



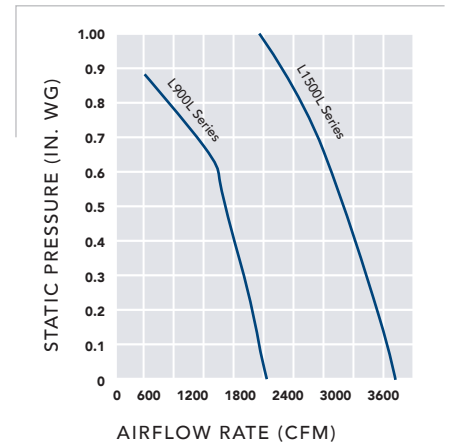
L400L, L400KL, L500L, L500KL, L700L (Ceiling Mount)



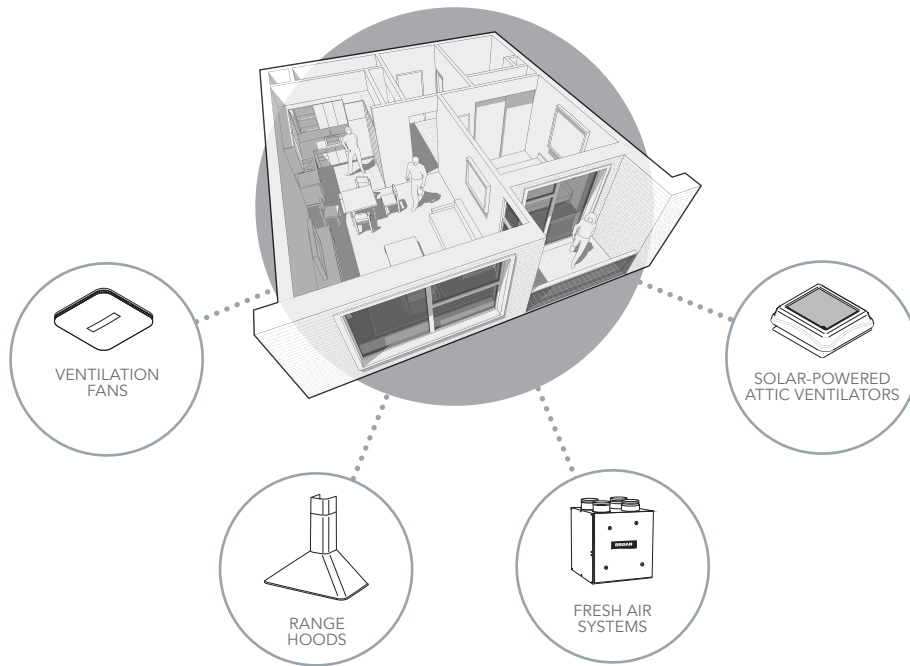
L900L, L1500L (In-Line)



L2000L, L3500L (In-Line)



For In-line models, performance listed is for straight-through ducting at .125" static pressure.
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