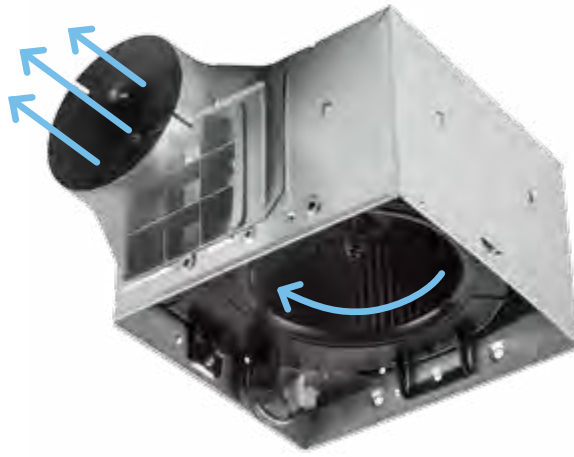




## SOUND TECHNOLOGY

Reduce sound levels and improve sound quality in real-world installations. The innovative, patent-pending QStream™ technology utilizes airflow-smoothing baffles that reduce turbulence which means the blower can turn more slowly and quietly—without airflow loss.\*

\*Not available on 110 CFM ULTRA Green™ Models

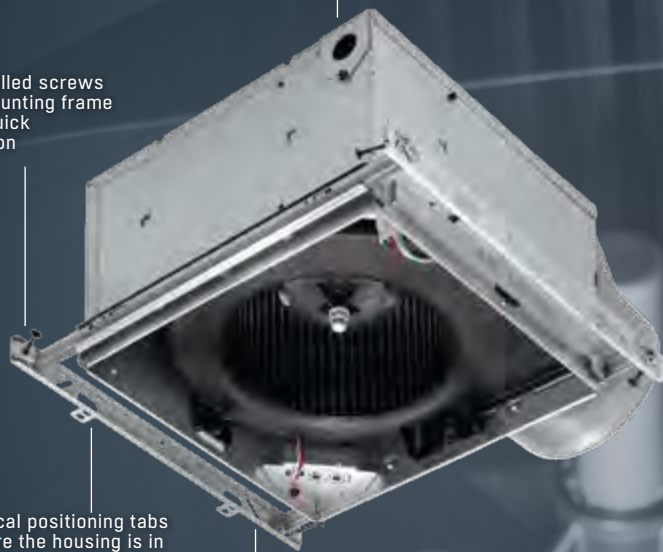


Inside/outside wiring capability provides flexible new or retrofit installation

Pre-installed screws in the mounting frame enable quick installation

Vertical positioning tabs ensure the housing is in the right place

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



## ULTRAQUICK™ INSTALLATION TECHNOLOGY

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

For energy saving options see ULTRA GREEN on page 12

## RDFU PREMIUM RADIATION DAMPER FOR ULTRA GREEN™ AND ULTRA PRO™ FANS.

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.

- Motor serviceable without disturbing drywall
- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiber thermal fabric
- Stainless steel closure springs
- 165°F fusible link
- Use the same grille provided with the ULTRA™ Series fan
- Use Model RDFU with RDJUMPU for ULTRA Green™ and ULTRA Pro™ models with lighting and/or sensing
- UL Standard 555C Classified



## Humidity Sensing Fans with Sensaire® Technology.

Broan Sensaire® technology is a hands-free solution to fighting excess humidity and possible mold problems. It detects rapid increases in moisture levels at the ceiling, where steam and humidity naturally rise, and automatically turns the fan on.

With fans this quiet, we included automatic shutoff to save worry, and money. Broan Sensaire® technology is a perfect solution for high traffic bathrooms, the kids' bathroom, or for anyone who leaves the house before humidity is properly vented.

QTXE110S

INVENT AE80S | AE110S

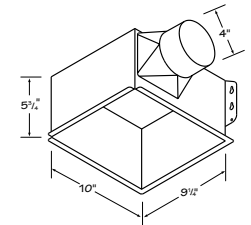
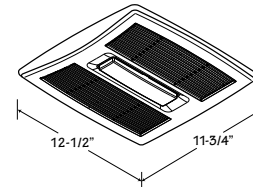
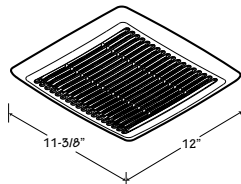
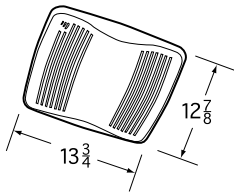
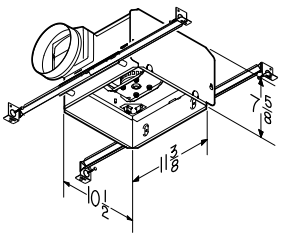
INVENT AE80SL | AE110SL



QTXE11S

AE80S, AE110S

AE80SL, AE110SL



### SENSAIRE® HUMIDITY SENSING FEATURES

- Detects a rapid rise in humidity
- User adjustable sensitivity control
- Easy to set shut off timer ranges from 5–60 minutes
- UL listed for use over bathtub and shower when connected to a GFCI protected branch circuit
- Energy Star Certified
- HVI Certified RDM1 radiation damper accessory for InVent Series

### QTXE HUMIDITY SENSING FAN FEATURES

- Grille mounted humidity sensor for faster reaction time
- Fits 2" X 8" ceiling construction
- RDFQF radiation damper with RDJUMP accessory
- Includes hanger bar system for fast and flexible installation for all types of construction

### INVENT HUMIDITY SENSING FAN AND FAN/LIGHT FEATURES

- FoldAway™ mounting ears for a 100% room side installation
- Efficient LED Lighting
- Fits 2" X 6" construction

Model	CFM	Sones	Bath Sq. Ft.	Lighting	Ducting	ENERGY STAR®
QTXE110S	110	0.7	100	—	6"▲	Yes
AE80S	80	0.8	75	—	4"	Yes
AE110S	110	1.0	100	—	4"	Yes
AE80SL	80	0.8	75	11 watt LED	4"	Yes
AE110SL	110	1.0	100	11 watt LED	4"	Yes

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

▲ See page 54 for 6" ducting (DT6W) product specifications



## A SMART, ECONOMICAL OPTION TO MEET ASHRAE STANDARD 62.2.

Since most homes have several ventilation fans, Broan SmartSense<sup>®</sup> automatically operates your fans to ventilate your home around the clock. It's one solution for continuous and spot ventilation requirements.

A SmartSense<sup>®</sup> system coordinates ventilation fans in various locations to introduce fresher, healthier air. It may be programmed to ventilate based on the home's size, automatically cycling different fans based in the dwelling based on square footage and the number of bedrooms. LinkLogic control is at the heart of the system and requires no separate control wiring. SmartSense<sup>®</sup> is cost effective as it does not require integration with the home's air handler, and with only one fan running at a time, it uses less than 40 watts during ventilation cycles.

Model	CFM	Dimension
SSQTXE080	80	11 <sup>3</sup> / <sub>8</sub> x 10 <sup>1</sup> / <sub>2</sub> x 7 <sup>5</sup> / <sub>8</sub>
SSQTXE110	110	11 <sup>3</sup> / <sub>8</sub> x 10 <sup>1</sup> / <sub>2</sub> x 7 <sup>5</sup> / <sub>8</sub>

LinkLogic™

### Wireless home control technology powered by INSTEON™.

- New timed-off and delayed-off features with new firmware
- Automatically operates the SMD series Make-Up Air Damper for installations requiring make-up air
- Interfaces with other LinkLogic<sup>®</sup> enabled products by Broan<sup>®</sup> or BEST<sup>®</sup>

# AND RANGE HOOD TO VENTILATE YOUR HOME.

## 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<sup>®</sup> 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<sup>™</sup> automatically operates the Make-Up Air Damper for installations requiring make-up air.

### Easy Installation

- 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

### Broan Make-Up Air Damper features:

- 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

