NuTone® LoProfile™ Project Pack

LP80H

LPN80F

The new NuTone LoProfile™ fan is our latest solution for installations where 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 2 x 4 studs. When plumbing or electrical obstructions are found behind the drywall in ceiling remodel applications, our LoProfile™ fan can still fit without having to move anything. And that means most any room with space constraints can have powerful, quiet and efficient ventilation. Project Packs offer availability to buy housings for rough-in and motor/blower assemblies and grille later for finishing.

Model No.	Description	Std. Pk.	Code
LP80H	Housing Pack for LPN80	4 ∗	HV
LPN80F	ENERGY STAR Finish Pack. Motor and Grille Assembly. 80 CFM, 1.0 Sones.	4 ∗	HV

 ENERGY STAR certified products.

NuTone® Radiation Damper Accessory Kit

Model No.	Description	Std. Pk.	Code
RDFQF	Radiation damper accessory that works with Models SSQTXE110, SSQTXE080, QTREN080, QTREN110, QTXEN050, QTXEN080, QTXEN110, QTRN110F, QTREN110F, QTRN080F and QTREN080F.	1	HV
RDFQL	Radiation damper accessory that works with Models QTREN080FLT, QTREN110FLT, QTXEN080FLT, QTXEN110FLT, QTREN110FLFT and QTREN080FLFT. Also works with Models QTXEN110S and QTXEN110SFLT when used with RDJUMPQ accessory.	1	HV
RDFU	Radiation damper accessory that works with Models QTXEN150, QTXEN150FLT, RN80, RN110, XN50, XN80, XN110, ZN80 and ZN110. Also works with Models RN80L, RN110L, XN110HL, ZN110HL, ZN80ML, ZN110ML, XN50L, XN80L, XN110L, ZN80L, ZN110L, XN110H, ZN110H, ZN80M and ZN110M when used with RDJUMPU accessory.	1	HP
RDFUWT	Radiation damper accessory that works with Models QTXEN150, QTXEN150FLT, RN80, RN110, XN50, XN80, XN110, ZN80 and ZN110. Also works with Models RN80L, RN110L, XN110HL, ZN110HL, ZN80ML, ZN110ML, XN50L, XN80L, XN110L, ZN80L, ZN110L, XN110H, ZN110H, ZN80M and ZN110M when used with RDJUMPU accessory. For UL wood truss assembly listings L521, L528, L546, L558, L562, L574, L576, L581, L583, L585, P522, P533, P538, P545 and P547. Available May, 2017.	1	HP
RDJ1	Radiation damper accessory with metal grille and metal duct connector (no housing). Works with 50NT, 80NT, HD50NT and HD80NT.	1	HV
RDF1	Radiation damper. Works with ULTRA® Series non-sensing fans (not fan/lights) and LPN80.	1	HP
Accessories			
RDJUMPQ	Wiring jumper kit required for use with RDFQL when used with Models QTXEN110S and QTXEN110SFLT.	1	AC
RDJUMPU	Wiring jumper kit required for use with RDFU when used with Models XN110HL, ZN110HL, ZN80ML, ZN110ML, XN50L, XN80L, XN110L, ZN80L, ZN110L, XN110H, ZN110H, ZN80M and ZN110M.	1	AC
804QDD ■	4" metal connector for use with QT models.	1	AC

■ Limited quantities available.

NuTone® Fan & Fan/Light Project Packs

NuTone's Project Packs offer a variety of housings packed and sold separately from motor assembly and grille. You can buy housings for rough-in … by assemblies and grilles later for finishing.

Fan/Light Project Packs — Fits 2" x 6" Ceiling Construction

Model No.	Description	Std. Pk.	Code
763F	50 CFM, 2.5 Sones, Fan/Light Finish Pack	4 ∗	LV
763H	50 CFM, 2.5 Sones, Fan/Light Finish Pack	4 ∗	LV

Basic Fan Project Packs — Fits 2" x 4" Ceiling or Wall Construction

Model No.		Description	Std. Pk.	Code
690RA		Housing Pack. Housing for 695RB and 696RNB.	6 ∗	LV
690RMTLA		Series "A" Unit with Metal Duct Collar. Housing for 696RNB and 695RB (replaces 690MTL).	6 ∗	LV
695RB	◆	Finish Pack. Fan Motor/Grille Assembly. 70 CFM, 6.0 Sones. Uses 690RA housing pack.	6 ∗	LV
696RNB	◆	Finish Pack. Fan Motor/Grille Assembly. 50 CFM, 4.0 Sones. Uses 690RA housing pack.	6 ∗	LV

NuTone® In-Line Fans

Remote mounted for adaptable and quiet ventilation.

Model No.	Description	Std. Pk.	Code
ILF120	4" — 110 CFM In-Line Fan, ENERGY STAR certified	1	HV
ILF130	5" — 130 CFM In-Line Fan, ENERGY STAR certified	1	HV
ILF250	6" — 250 CFM In-Line Fan, ENERGY STAR certified	1	HV
ILF360	8" — 360 CFM In-Line Fan	1	HV
ILF530	10" — 530 CFM In-Line Fan	1	HV
ILRF	4"/5" Radon In-Line Fan	1	HV

Select models are ENERGY STAR certified products — see product description.
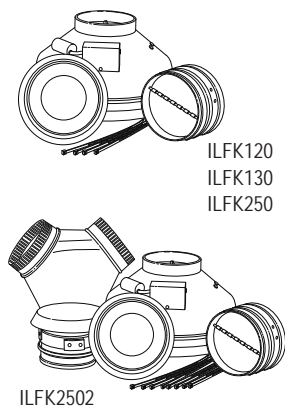
NuTone® In-Line Fan Kits (Complete Installation Kits)

ILFK120
ILFK130
ILFK250

ILFK2502

Kit includes all components to install a single dual point exhaust system (except wall control, wire and ducting). Each kit includes fan, damper and duct clamps.

Model No.	Description	Std. Pk.	Code
ILFK120	4" — 110 CFM In-Line Fan/Grille — Kit, ENERGY STAR certified	1	HV
ILFK130	5" — 130 CFM In-Line Fan/Grille — Kit, ENERGY STAR certified	1	HV
ILFK250	6" — 250 CFM In-Line Fan/Grille — Kit, ENERGY STAR certified	1	HV
ILFK2502	6" — 250 CFM In-Line Fan/Grille — Kit (Includes Y-adaptor and two grilles), ENERGY STAR certified	1	HV

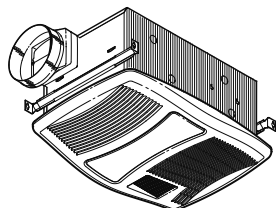Select models are ENERGY STAR certified products — see product description.

NuTone® In-Line Fan Accessories

Model No.	Description	Std. Pk.	Code
CVG4	4" Grille	1	AC
CVG6	6" Grille	1	AC
CVLD4	4" Sleeve with Damper	1	AC
CVLD6	6" Sleeve with Damper	1	AC
FY6	6" x 6" x 6" Y-Adaptor	1	AC
FY86	8" x 6" x 6" Y-Adaptor	1	AC

NuTone® QT Series™ Heater/Fan/Light

Powerful heating, lighting and ventilation available at the touch of a switch. Quiet, high output 1500 watt heater with exclusive PowerHeat™ design. Requires a dedicated 20 amp circuit. 3 year warranty. 6" ducting for superior performance. 17-5/8" x 11-3/8" x 7-5/8" high housing with hanger bar system. 20" x 15" grille. Fits 2" x 8" ceiling construction.

QTXN110HL
QTXN110HFLT

77DW
77DV

Model No.	Description	Std. Pk.	Code
QTXN110HL	110 CFM, 0.9 Sones, Fan with 1500W heater, 2-60W max incandescent lights and 7W night light (bulbs not included). Recommend 77 Series switch.	1	HV
QTXN110HFLT	110 CFM, 0.9 Sones, Fan with 1500W heater, 2-18W high efficiency, GU24 based fluorescent light (bulbs included) and 7W night light (bulb included) Recommend 77 Series switch.	1	HV
77DW / 77DV	Three-Switch Control for use with sensing Fan/Lights (top switch provides three settings for sensor On/Auto/Off), remaining switches control light, night light and QT Heater/Fan/Light/Night Light (top switch controls light and night light, remaining switches control fan and heater).	1	AC

## NuTone® Directionally-Adjustable Heater with Fan and Light

These heaters feature 1500 watts of powerful, directionally-adjustable heat along with 100 CFM of ventilation at only 2.0 sones. They have 4" ducting and fit in 2" x 6" ceiling construction. Attractive grilles are 17-1/2" x 11-1/2" covering a 16" x 10-1/4" x 5-7/8" housing.
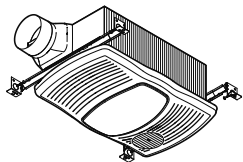
Model No.	Description	Std. Pk.	Code
765HL	Features 100W max incandescent lighting (bulb not included)	1	LV
765HFL	Features 27W fluorescent lighting (bulb included)	1	LV

NuTone® Heater Combinations with Wall Switch Included

Comfort and convenience combined. Produces instant heat when needed. Select a heater with ventilation fan and/or light with night light (bulbs not included). Housing sizes are noted below and all fit in 2" x 8" ceiling construction.

9093WH
9905
9960
9965
QT9093WH
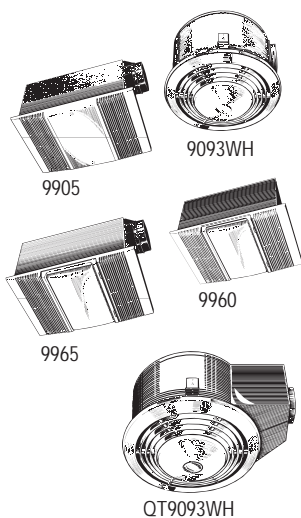
Model No.	Description	Std. Pk.	Code
9093WH	70 CFM, 3.5 Sones, Combination fan with 1500W heater, 100W incandescent light, 7W night light and white enamel grille. Includes a four-function wall switch. 4" duct connector.	1	HV
9905	70 CFM, 4.0 Sones, Combination fan with 1500W heater. Includes two-function switch. 4" duct connector.	1	HV
9960	1500W heater with 100W max incandescent light and 7W night light. Includes three-function switch.	1	HV
9965	70 CFM, 4.0 Sones, Combination fan with 1500W heater, 100W max incandescent light and 7W night light. Includes four-function switch. 4" duct connector.	1	HV
QT9093WH	110 CFM, 3.0 Sones, Combination fan with 1500W heater, 100W max incandescent light, 7W night light and white enamel grille. Includes a four-function wall switch. 4" duct connector.	1	HV

Rough-in housing sizes: 9093WH — 15-3/8" dia. x 7-1/2"
9095 — 9-3/4" x 14" x 7-3/4"
9960 — 9-3/4" x 14" x 7-3/4"
9965 — 9-3/4" x 14" x 7-3/4"
QT9093WH — 13-1/4 dia. x 7-1/2"

NuTone® Heater Combinations

1300W heating provides optimum performance in smaller spaces. Attractive grille styling. Duct connector with damper fits 4" round duct. 7-7/8" x 14-5/8" x 5-5/8" high housing fits in 2" x 6" ceiling construction.
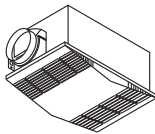
Model No.	Description	Std. Pk.	Code
605RP	70 CFM, 4.0 Sones, Exhaust fan with 1300W heater	1	LV
665RP	70 CFM, 4.0 Sones, Exhaust fan with 1300W heater and 100W incandescent light (bulb not included).	1	LV

NuTone® Bulb Heaters and Heater/Fans

9412D   9417DN

9422P

9427P

Produce instant warmth with standard BR40/R40 size 250-watt infrared bulbs (not included). Attractive molded plastic grilles. Damper/ duct connector fits 4" round duct (Models 9417DN and 9427P). Models 9412D and 9417DN grilles measure 10-1/4" x 10-1/4". Models 9422P and 9427P grilles measure 10-1/4" x 15-5/8". Housing sizes are noted below. Includes adjustable hanger bar system that spans up to 24". Fits in 2" x 8" ceiling construction.

Model No.	Description	Std. Pk.	Code
9412D	Single 250W Bulb Heat — Non IC	1	HV
9417DN	Single 250W Bulb Heat with 70 CFM, 4.0 Sones Exhaust Fan — Type IC, UL listed for 60°C wiring (retrofit)	1	HV
9422P	Double 250W Bulb Heat Lamp — Type IC	1	HV
9427P	Double 250W Bulb Heat with 70 CFM, 4.0 Sones Exhaust Fan — Type IC, UL listed for 60°C wiring (retrofit)	1	HV

Rough-in housing sizes: 9412D — 8-3/8" x 8-1/8" x 6"
9417DN — 8-3/8" x 8-1/8" x 6-3/8"
9422P — 8-3/8" x 14-1/4" x 6"
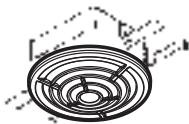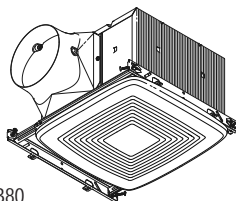9427P — 8-3/8" x 14-1/4" x 6-3/8"

NuTone® — Vertical Discharge Fan

Model No.	Description	Std. Pk.	Code
8210	210 CFM, 6.5 Sones. 7" Round Vertical Discharge	1	HV

NuTone® — Side Discharge Fans

| Model No.	Description	Std. Pk.	Code
8310	160 CFM, 5.0 Sones. 8" Round Side Discharge	1	HV

ZB80
ZB110
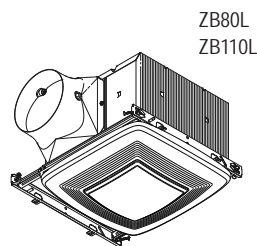
ZB80L
ZB110L

Broan® ULTRA™ Green Multi-Speed Series

We started with installation and worked back to build the ultimate bath fan. Unique telescoping mounting frame is ideal for both new construction and retrofit. No attic access needed! DC motor for efficiency. Multi-speed capability ideal for meeting ASHRAE 62.2, LEED, ENERGY STAR® for Homes and CA Title 24 — as well as local/spot ventilation needs. Powerful operation maintained over a wide range of real-world installations (CFM rating at 0.1" static pressure maintained through 0.25" static pressure). Fits in 2" x 8" ceiling construction. 10-1/2" L x 11-3/8" W x 7-5/8" H housing. 13" x 14" grille (fan) and 13" x 13-1/4" (fan/light/night light). All models have a 6" duct connector and the 50 CFM and 80 CFM models include a 6" to 4" reducer. All ULTRA 80 and 110 CFM fans can also be used with the MD6TU universal make-up air damper if 6" rigid duct is used. ULTRA non-sensing fans (not fan/lights) can also be used with the RDF1 radiation damper. Now with QStream sound technology that features airflow-smoothing baffles to reduce noise caused by turbulence (50 and 80 CFM models only).

Model No.		Description	Std. Pk.	Code
Fans				
ZB80	◆	30 CFM to 80 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
ZB110	◆	30 CFM to 110 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
Fan/Light/Night Light				
ZB80L	◆	30 CFM to 80 CFM, <0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP
ZB110L	◆	30 CFM to 110 CFM, <0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP

 All models are ENERGY STAR certified products.
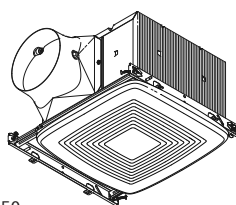
XB50
XB80
XB110
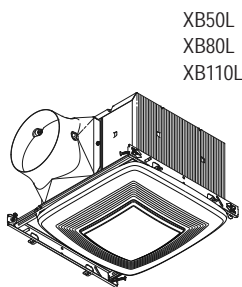
XB50L
XB80L
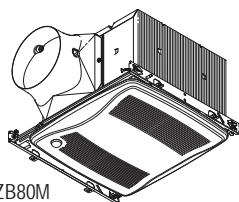XB110L

Broan® ULTRA™ Green Single-Speed Series

We started with installation and worked back to build the ultimate bath fan. Unique telescoping mounting frame is ideal for both new construction and retrofit. No attic access needed! DC motor for efficiency. ASHRAE 62.2, LEED, ENERGY STAR® for Homes and CA Title 24 compliant. Powerful operation maintained over a wide range of real-world installations (CFM rating at 0.1" static pressure maintained through 0.25" static pressure). Fits in 2" x 8" ceiling construction. 10-1/2" L x 11-3/8" W x 7-5/8" H housing. 13" x 14" grille (fan) and 13" x 13-1/4" (fan/light/night light). All models have a 6" duct connector and the 50 CFM and 80 CFM models include a 6" to 4" reducer. All ULTRA 80 and 110 CFM fans can also be used with the MD6TU universal make-up air damper if 6" rigid duct is used. ULTRA non-sensing fans (not fan/lights) can also be used with the RDF1 radiation damper. Now with QStream sound technology that features airflow-smoothing baffles to reduce noise caused by turbulence (50 and 80 CFM models only).

| Model No.		Description	Std. Pk.	Code
Fans				
XB50	◆	50 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
XB80	◆	80 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
XB110	◆	110 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
Fan/Light/Night Light				
XB50L	◆	50 CFM, <0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP
XB80L	◆	80 CFM, <0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP
XB110L	◆	110 CFM, <0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP

 All models are ENERGY STAR certified products.

Featuring QStream Sound Technology on 50 & 80 CFM Models
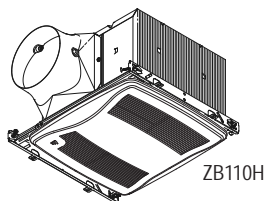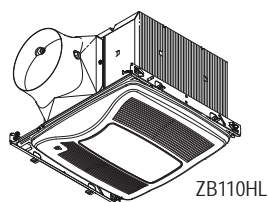

ZB80M
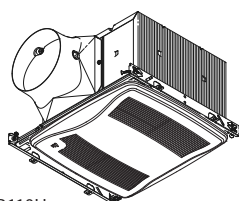ZB110M
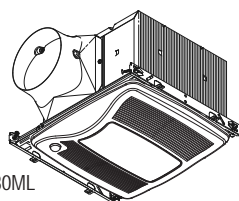
ZB110H

ZB80ML
ZB110ML

ZB110HL

Broan® ULTRA™ Green Multi-Speed Series — Sensing

We started with installation and worked back to build the ultimate bath fan. Unique telescoping mounting frame is ideal for both new construction and retrofit. No attic access needed! DC motor for efficiency. Multi-speed capability ideal for meeting ASHRAE 62.2, LEED, ENERGY STAR® for Homes and CA Title 24 — as well as local/spot ventilation needs. Humidity or motion sensing triggers fan to ramp up from lower continuous ventilation level to maximum CFM. Powerful operation maintained over a wide range of real-world installations (CFM rating at 0.1" static pressure maintained through 0.25" static pressure). Fits in 2" x 8" ceiling construction. 10-1/2" L x 11-3/8" W x 7-5/8" H housing. 13" x 14" grille (fan) and 13" x 13-1/4" (fan/light/night light). All models have a 6" duct connector and the 80 CFM models include a 6" to 4" reducer. All ULTRA 80 and 110 CFM fans can also be used with the MD6TU universal make-up air damper if 6" rigid duct is used. ULTRA non-sensing fans (not fan/lights) can also be used with the RDF1 radiation damper. Now with QStream sound technology that features airflow-smoothing baffles to reduce noise caused by turbulence (50 and 80 CFM models only).

Model No.		Description	Std. Pk.	Code
Fans				
ZB80M	◆	80 CFM, <0.3 Sones, ENERGY STAR Motion Sensing Fan	1	HP
ZB110H	◆	110 CFM, <0.3 Sones, ENERGY STAR Humidity Sensing Fan	1	HP
ZB110M	◆	110 CFM, <0.3 Sones, ENERGY STAR Motion Sensing Fan	1	HP
Fan/Light/Night Light				
ZB80ML	◆	80 CFM, <0.3 Sones, ENERGY STAR Motion Sensing Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP
ZB110HL	◆	110 CFM, <0.3 Sones, ENERGY STAR Humidity Sensing Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP
ZB110ML	◆	110 CFM, <0.3 Sones, ENERGY STAR Motion Sensing Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HP

 All models are ENERGY STAR certified products.

Featuring QStream Sound Technology on 50 & 80 CFM Models
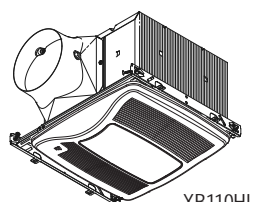
XB110H

XB110HL

## Broan® ULTRA™ Green Single-Speed Series — Sensing

We started with installation and worked back to build the ultimate bath fan. Unique telescoping mounting frame is ideal for both new construction and retrofit. No attic access needed! DC motor for efficiency. ASHRAE 62.2, LEED, ENERGY STAR® for Homes and CA Title 24 compliant. Humidity sensing models will automatically turn fan on when rapid rise in humidity is sensed. Powerful operation maintained over a wide range of real-world installations (CFM rating at 0.1" static pressure maintained through 0.25" static pressure). Fits in 2" x 8" ceiling construction. 10-1/2" L x 11-3/8" W x 7-5/8" H housing. 13" x 14" grille (fan) and 13" x 13-1/4" (fan/light/night light). All models have a 6" duct connector. All ULTRA 80 and 110 CFM fans can also be used with the MD6TU universal make-up air damper if 6" rigid duct is used. ULTRA non-sensing fans (not fan/lights) can also be used with the RDF1 radiation damper. Now with QStream sound technology that features airflow-smoothing baffles to reduce noise caused by turbulence (50 and 80 CFM models only).

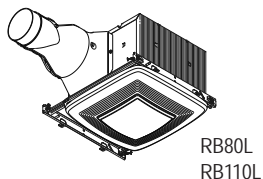| Model No.		Description	Std. Pk.	List Price	Code
Fan					
XB110H	◆	110 CFM, <0.3 Sones, ENERGY STAR Humidity Sensing Fan	1		HP
Fan/Light/Night Light					
XB110HL	◆	110 CFM, <0.3 Sones, ENERGY STAR Humidity Sensing Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1		HP

 All models are ENERGY STAR certified products.
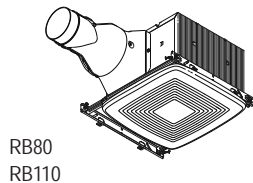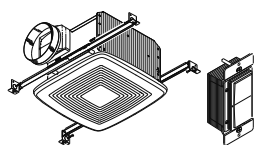
Broan® ULTRA™ Pro Fan and Fan/Light Series

The perferred install choice for professionals to deliver quiet performance *ULTRA*Quick™ installation, with no attic access required. QStream™ sound technology features airflow-smoothing baffles to reduce noise caused by turbulence and QFlow™ sound technology that removes the duct damper from the airstream to reduce static pressure. 4" duct for ideal retrofit installation and ENERGY STAR® qualified. 10-1/2" x 11-3/8" x 7-5/8" housing fits 2" x 8" ceiling construction. UL Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.

RB80
RB110

RB80L
RB110L

| Model No.	Description	Std. Pk.	Code
Fans			
RB80	80 CFM, <0.3 Sones, ENERGY STAR Fan	1	HP
RB110	110 CFM, 0.6 Sones, ENERGY STAR Fan	1	HP
Fan/Light			
RB80L	80 CFM, <0.3 Sones, ENERGY STAR Fan/Light, two energy efficient 18W GU24 Fluorescent Lights (bulbs included)	1	HP
RB110L	110 CFM, 0.8 Sones, ENERGY STAR Fan/Light, two energy efficient 18W GU24 Fluorescent Lights (bulbs included)	1	HP

All models are ENERGY STAR certified products.
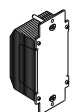
Broan SmartSense® Intelligent Ventilation System

The intelligent fan control system creates an integrated residential exhaust ventilation system using Broan's industry leading ventilation control technology and award winning QTXE fans. The Broan SmartSense system uses Broan's Link-Logic™ control technology powered by INSTEON™, a powerful communication technology to monitor everyday manual fan usage throughout the home. Broan SmartSense calculates additional ventilation required by Green Building and ASHRAE Standard 62 related requirements and automatically controls installed fans to achieve proper ventilation. SSQTXE080 and SSQTXE110 fans can provide a single fan solution for small apartments or mix and matched for a customized, integrated ventilation system.

SSQTXE080
SSQTXE110

SMSCPLR

Model No.		Description	Std. Pk.	Code
SSQTXE080		80 CFM SmartSense Fan with Control	1	HV
SSQTXE110		110 CFM SmartSense Fan with Control	1	HV
SMSCPLR	†	SmartSense Phase Coupler	1	AR

† The SmartSense Phase Coupler is only required when fans are located on separate phases of power. If fans are on the same circuit or phase, the phase coupler is not necessary.

Broan® Ventilation Fan with Sensonic™ Speakers and Speaker Kit

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. It's brilliant audio performance concealed behind the fan grille.
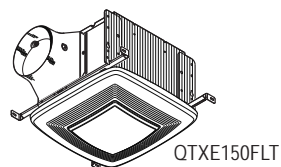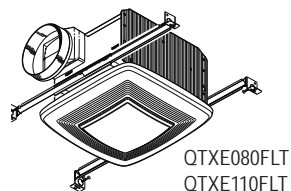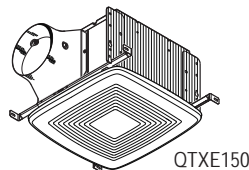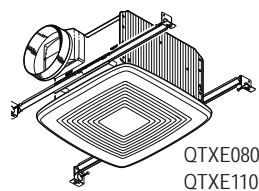
SPK110
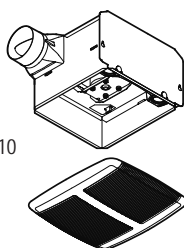
Model No.	Description	Std. Pk.	Code
SPK110	Sensonic Speaker Fan; 110 CFM, 1.0 Sones	1	HV
SPKACC	Sensonic Speaker Accessory	1	AC

SPKACC

Broan® QT Series™ (QTXE Models)

The industry's quietest, most powerful and stylish fans with a 3 year warranty. 6" ducting for superior performance and ENERGY STAR certified. Includes hanger bar system for fast and flexible installations for all types of construction. Fits in 2" x 8" ceiling construction. 10-1/2" x 11-3/8" x 7-5/8" high housing. 14" x 15" grille (QTXE fans) and 13-3/8" x 14-1/4" grille (QTXE fan/lights).

QTXE080
QTXE110

QTXE150

QTXE080FLT
QTXE110FLT

QTXE150FLT

Model No.		Description	Std. Pk.	Code
Fans				
QTXE080	◆	80 CFM, 0.3 Sones, ENERGY STAR Fan	1	HV
QTXE110	◆	110 CFM, 0.7 Sones, ENERGY STAR Fan	1	HV
QTXE150	◆	150 CFM, 1.4 Sones, ENERGY STAR Fan	1	HV
Fan/Light/Night Light				
QTXE080FLT	◆	80 CFM, 0.3 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HV
QTXE110FLT	◆	110 CFM, 0.7 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HV
QTXE150FLT	◆	150 CFM, 1.4 Sones, ENERGY STAR Fan with 36W Fluorescent Light (2-18 watt GU24 bulbs included) and 4W Night Light (bulb not included)	1	HV

All models are ENERGY STAR certified products.

## Broan® QT Series™ Humidity Sensing Fan and Fan/Light

Humidity sensing integrated in a ventilation fan is another industry exclusive! Featuring Sensaire® technology and models that are ENERGY STAR® certified, this Ultra Silent™ Humidity Sensing fan is the most effective way to control excess humidity and moisture, even in the most frequently used bathrooms. Homeowners and property managers will appreciate the fact that Broan's humidity sensing fan is automatic — once there is a rapid rise in humidity, the fan will automatically turn on to exhaust excess moisture and turn off once the job is done. The industry's quietest, most powerful and stylish fan with a 3 year warranty. 6" ducting for superior performance. Fits 2" x 8" ceiling construction. 10-1/2 x 11-3/8" x 7-5/8" high housing. 13" x 13-3/4" grille.
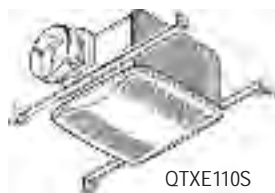
QTXE110S

Model No.		Description	Std. Pk.	Code
Fan				
QTXE110S	◆	110 CFM, 0.7 Sones, ENERGY STAR Humidity Sensing Fan	1	HV

Broan® InVent Series Sensing Ventilation Fans and Fan/Lights

Introducing the InVent Series humidity sensing fan and fan/light. Building on the innovative features of the InVent Series, the humidity sensing product line will utilize our patented Sensaire™ sense-on-rise technology. The sensor has a user adjustable sensitivity control that simultaneously adjusts the humidity rate-of-rise sensitivity and the humidity set point. In addition to the flexible installation, this humidity sensing product line features LED lighting.
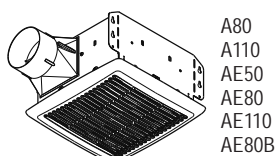
AE80S
AE110S
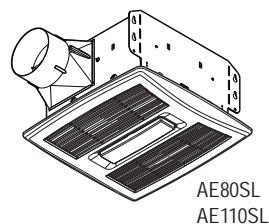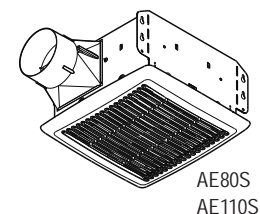
AE80SL
AE110SL

Model No.	Description	Std. Pk.	Code
Fan			
AE80S	80 CFM, 0.8 Sones, ENERGY STAR Sensing Fan	1	HM
AE110S	110 CFM, 1.0 Sones, ENERGY STAR Sensing Fan	1	HM
Fan/Light			
AE80SL	80 CFM, 0.8 Sones, ENERGY STAR Sensing Fan with LED Light	1	HM
AE110SL	110 CFM, 1.0 Sones, ENERGY STAR Sensing Fan with LED Light	1	HM
Housing Pack			
A000HFS	Sensing Fan Housing Pack — Fan Models Only (Compatible with AE80F and AE110F finish packs.)	4 ∗	HM

A80
A110
AE50
AE80
AE110
AE80B

A50L
A70L
A80L
A110L

AE80L
AE110L
AE80BL

A80HD

MMG

MHB4

MMDC4

MQF4

RDM1

RDMWT
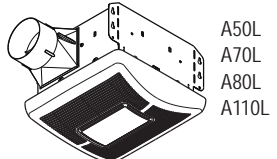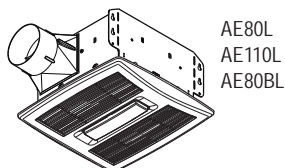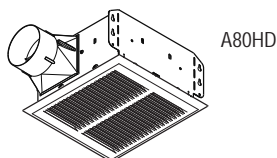
Broan® InVent™ Series Ventilation Fans

New, versatile housing platform that marks a revolution of our mid-range ventilation fans and allows for easy installation in both new construction and retrofit applications. 10" x 9-1/4" x 5-3/4" housing features foldable mounting ears for easy, room-side replacement. 4" duct connector mounts from the inside of the housing and features a new damper technology, improving air tightness scores.
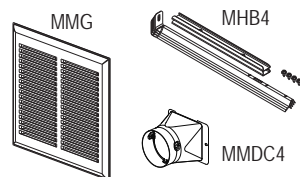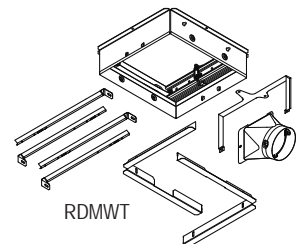
Model No.		Description	Std. Pk.	Code
Ventilation Fans				
A80	Ω	80 CFM, 2.0 Sones	1	HM
A110	Ω	110 CFM, 3.0 Sones	1	HM
A80HD	Ω	80 CFM, 2.0 Sones, Metal Grille	1	HM
AE50	Ω	50 CFM, 0.5 Sones, ENERGY STAR Fan	1	HM
AE80	Ω	80 CFM, 0.8 Sones, ENERGY STAR Fan	1	HM
AE110	Ω	110 CFM, 1.3 Sones, ENERGY STAR Fan	1	HM
AE80B	Ω	80 CFM, 1.5 Sones, ENERGY STAR Fan	1	HM
Ventilation Fan/Lights				
A50L		50 CFM, 1.5 Sones	1	HM
A70L		70 CFM, 2.0 Sones	1	HM
A80L		80 CFM, 1.0 Sones	1	HM
A110L		110 CFM, 1.3 Sones	1	HM
AE80BL	Ω	LED Light, 80 CFM, 1.5 Sones, ENERGY STAR Fan/Light	1	HM
AE80L	Ω	LED Light, 80 CFM, 0.8 Sones, ENERGY STAR Fan/Light	1	HM
AE110L	Ω	LED Light, 110 CFM, 1.3 Sones, ENERGY STAR Fan/Light	1	HM
Accessories				
MHB4		Hanger Bars	1	AC
MMDC4	■	Metal Duct Connector	1	AC
MMG		Metal Grille, White	1	AC
MQF4		QFlow Duct Connector	1	AC
RDM1		Radiation Damper	1	HM
RDMWT		Radiation Damper for UL wood truss assembly listings L521, L528, L546, L558, L562, L574, L576, L581, L583, L585, P522, P533, P538, P545 and P547. Available May, 2017.	1	HM

Ω Works with Model RDM1 and RDMWT radiation damper. Sensing models work with RDMTW only.

Select models are ENERGY STAR certified products— see product description.

■ Limited quantities available.

Broan® Recessed Fan/Lights

Recessed lights are popular lighting solutions. But Broan took it a step further by incorporating powerful ventilation in the same design. Our new fan/lights disappear into the ceiling with other recessed lights, so they are practical decorating solutions for any room in the house. In the bath they control humidity, and in a utility room, kitchen or high-traffic family room they keep the air fresh and comfortable. 12-3/4" x 8-1/4" x 6-3/4" high housing. 7-3/8" round trim. Damper/duct connector fits 4" duct. Type IC. Fits in 2" x 8" ceiling construction.
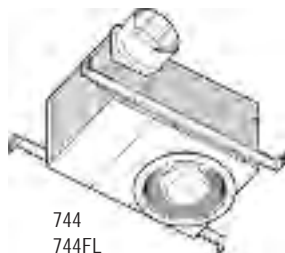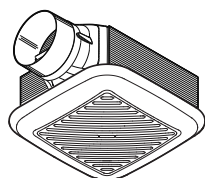
Model No.		Description	Std. Pk.	Code
744	◆	Recessed Fan/Light, 70 CFM, 1.5 Sones. 6" white trim. Use 75W max R30 or BR30 bulb for standard applications.	1	NF
744FL	◆	Recessed Fan/Fluorescent Light, ENERGY STAR, 70 CFM, 1.5 Sones. 6" white trim. Uses 16W R30 fluorescent bulb (bulb included).	1	NF
744LED	◆	Recessed Fan/LED Light, ENERGY STAR, 70 CFM, 1.5 Sones. 6" white trim. Uses 10W BR30 LED bulb (bulb included).	1	NF
744SFL	◆	ENERGY STAR Recessed Humidity Sensing Fan/Fluorescent Light, 70 CFM, 1.5 Sones. 6" white trim. Uses 16W R30 fluorescent bulb (bulb included).	1	NF

744
744FL
744LED
744SFL

Select models are ENERGY STAR certified products — see product description.

Broan® Ventilation Fan with Soft Surround™ LED Lighting Technology

Powerful, uniquely designed ventilation fan with LED light removes stale air and moisture from bathrooms. HVI certified at 110 CFM, 1.5 Sones. 9-1/4" x 10" x 5-3/4" housing. Damper/duct connector fits 4" round duct. Energy efficient 9 watt LED light is integrated into the unique, low profile grille. The perimeter lighting provides outstanding room coverage and the lens has quality diffusion that eliminates hot spots for a soft yet bright glow. Up to 25,000 hour life means the light may never have to be replaced.

Model No.	Description	Std. Pk.	Code
791LEDM	ENERGY STAR Ventilation Fan with LED lighting, 110 CFM, 1.5 Sones. Uses 9W integrated LED module (included).	1	HM

ENERGY STAR certified products.

Broan® Decorative Fan/Light

741SN

Styling that takes decorative light/fans to the next level. Designs are attractive as lights alone and make no concessions to ventilation function. Styles cover a range of decorating tastes from antique to contemporary. All accept two 60-watt max incandescent bulbs (bulbs not included). Corrosion-resistant finishes. Plug-in light fixture assemblies. Plug-in permanently lubricated motors. 8" x 8-1/4" x 5-3/4" high housing. 4" round duct connectors. Type IC. Fits in 2" x 6" ceiling construction.

754RB

761BN
761RB
761WHA
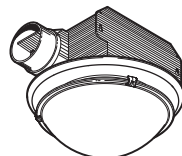
Model No.	Description	Std. Pk.	Code
741SN	Decorative Satin Nickel Fan/Light with frosted glass, 70 CFM, 3.5 Sones. 13-3/8" diameter base.	1	HV
754RB	Decorative Oil-Rubbed Bronze Fan/Light, white alabaster glass, 70 CFM, 3.5 Sones. 13-3/8" diameter base.	1	HV
761BN	Decorative Brushed Nickel Fan/Light, with opal glass, 80 CFM, 2.5 Sones. 13-1/4" diameter base.	1	HV
761RB	Decorative Oil-Rubbed Bronze Fan/Light, with ivory alabaster glass, 80 CFM, 2.5 Sones. 13-1/4" diameter base.	1	HV
761WHA	Decorative White Fan/Light, with white alabaster glass, 80 CFM, 2.5 Sones. 13-1/4" diameter base.	1	HV
MCB2	Mounting Channel/Brackets for single packs (2 channels, 4 brackets).	1	AC
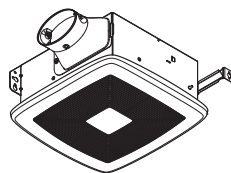
Broan® LoProfile™ Ventilation Fan

The new Broan LoProfile™ fan is our latest solution for installations where 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 2 x 4 studs. When plumbing or electrical obstructions are found behind the drywall in ceiling remodel applications our LoProfile™ fan can still fit without having to move anything. And that means most any room with space constraints can have powerful, quiet and efficient ventilation.

Model No.	Description	Std. Pk.	Code
Fan			
LP80	80 CFM, 1.0 Sones, ENERGY STAR Fan.	1	HV

ENERGY STAR certified products.

Broan® Heavy Duty™ Fan/Light

Heavy Duty™ fan/light was designed for continuous operation — perfect for tough, light-commercial applications. Motor has heavy duty, long-life bearings, tamper proof construction, and is totally enclosed for added protection against dirt and dust. Centrifugal blower wheel provides quiet, efficient ventilation. Convenient mounting ears speed installation. Fan/light unit has white molded 11-1/8" x 10-5/8" polymeric grille and shatter-resistant light lens. 8" x 8-1/4" x 5-3/4" high housing. Damper/duct connector fits 4" round duct. Type IC (Insulation Contact). Fits in 2" x 6" ceiling construction.
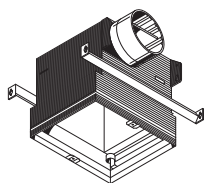
Model No.	Description	Std. Pk.	Code
HD80L ◆	Heavy Duty Fan/Light, 80 CFM, 2.5 Sones. 100W max Incandescent Light (bulb not included). Type IC.	1	HV
MCB2	Mounting Channel/Brackets for single packs (2 channels, 4 brackets).	1	AC

Broan® Radiation Damper Project Packs

Model No.	Description	Std. Pk.	Code
RDH	Housing with radiation damper attached	4 ∗	HV
80RDF	80 CFM motor with metal grille finish pack	4 ∗	HV
110RDF	110 CFM motor with metal grille finish pack	4 ∗	HV
HD50RDF	Heavy duty 50 CFM motor with metal grille finish pack	4 ∗	HV

RDH

Broan® Metal Grille Kit — Selected Ventilation Fans

Everything you need to furnish a metal grille for most standard Broan exhaust fans. Spring-mounted hardware included.

Model No.	Description	Std. Pk.	Code
S97011308	White Metal Grille Kit, fits Models 670, 671, 688 & 689	1	PT

Broan® Fan/Lights

9" x 9" x 6" housing. Damper/duct connector fits 4" round duct. Bright 100-watt max light capacity. All models are Type IC. Bulbs not included. Fits in 2" x 6" ceiling construction.

750
751

Model No.	Description	Std. Pk.	Code
750 ◆	Fan/Light/Night Light, 100 CFM, 3.5 Sones, round white grille with glass lens	1	HV
751 ◆	Fan/Light, 100 CFM, 3.5 Sones, round white grille with glass lens	1	HV
MCB2	Mounting Channel/Brackets for single packs (2 channels, 4 brackets).	1	AC

Broan® Economy Fans
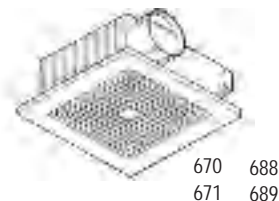
Molded plastic impeller, two-pole motor, 7-1/4" x 7-1/2" x 3-5/8" high galvanized steel housing for ceiling or wall installation. Spring mounted 9-1/4" x 9" plastic grille. Damper/duct connector fits 3" round duct. Snap-in motor plate requires no tools for installation or removal. Fits 2" x 4" ceiling or wall construction.

Model No.		Description	Std. Pk.	Code
670	◆	Ventilation Fan, 50 CFM, 3.5 Sones	1	LV
671	◆	Ventilation Fan, 70 CFM, 6.0 Sones	1	LV
688	◆	Ventilation Fan, 50 CFM, 4.0 Sones	1	LV
689	◆	Ventilation Fan, 60 CFM, 5.5 Sones	1	LV

All models available in project packs, see **Page 76**.

670 688
671 689

Broan® Economy Fan/Light

Compact unit provides ventilator and 100-watt light capacity in one unit (bulb not included). Molded 11-1/8" x 10-5/8" plastic grille and shatter-resistant lens. 8" x 8-1/4" x 5-3/4" high housing. Fits 4" round duct. Fits in 2" x 6" ceiling construction.

Model No.		Description	Std. Pk.	Code
678	◆	50 CFM, 2.5 Sones Fan/Light. Type IC.	1	LV
MCB2		Mounting Channel/Brackets for single packs (2 channels, 4 brackets).	1	AC

All models available in project packs, see **Page 76**.

Broan® Bath Fan Upgrade Kit

The patented economy fan Bath Fan Upgrade Kit improves performance, reduces the sound level, and upgrades the appearance of your economy fan in 10 minutes. Provide easy upgrade for economy fan without replacing the entire housing, rewiring and reconnecting the duct. Helps ensure tenant/homeowner is using the fan when needed most. Reduces sound up to 50%, improves air movement up to 20% and helps control humidity that causes mold and mildew. Kit includes quiet fan motor, grille, wrench and two motor plates.

Model No.	Description	Std. Pk.	Code
690	60 CFM, 3.0 Sones, Economy Upgrade Kit	1	UK

The 690 Upgrade Kit replaces the models below.

| Model No.	Housing Dimension
Broan: 670, 671, 688 & 689	7-1/2" x 7-1/4" only 8" x 8-1/4" are not compatible.
Nautilus: N671 & N688	
NuTone: 693, 695 & 696N	7-1/2" x 7-1/4" or 8" x 7-1/4"

690

Broan® Duct-Free Fan

No ductwork necessary! Ideal for powder rooms and closets. Type IC (Insulation Contact). Fits in 2" x 4" construction.
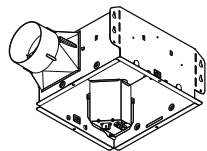
Model No.	Description	Std. Pk.	Code
682	Duct-free Fan with plastic grille. Includes long lasting, easy to replace activated charcoal filter. Easy snap-in mounting.	1	LV

## Broan® InVent™ Series Project Packs (Housing and Finish Packs)
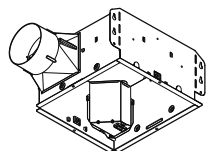
A000HF

A000HL

| Model No.		Description	Std. Pk.	Code
Housing Packs				
A000HF		Ventilation Fan Housing Pack	4 *	HM
A000HL		Ventilation Fan/Light Housing Pack	4 *	HM
Finish Packs				
A70LF		70 CFM, 2.0 Sones, Finish Pack	4 *	HM
A80F	Ω	80 CFM, 2.0 Sones, Finish Pack	4 *	HM
A80HDF	Ω	80 CFM, 2.0 Sones, Metal Grille, Finish Pack	4 *	HM
A110F	Ω	110 CFM, 3.0 Sones, Finish Pack	4 *	HM
AE50F	Ω	50 CFM, 0.5 Sones, ENERGY STAR Finish Pack	4 *	HM
AE80BF	Ω	80 CFM, 1.5 Sones, ENERGY STAR Finish Pack	4 *	HM
AE80BLF	Ω	LED light, 80 CFM, 1.5 Sones, ENERGY STAR Finish Pack	4 *	HM
AE80F	Ω	80 CFM, 0.8 Sones, ENERGY STAR Finish Pack	4 *	HM
AE80LF	Ω	LED light, 80 CFM, 0.8 Sones, ENERGY STAR Finish Pack	4 *	HM
AE110F	Ω	110 CFM, 1.3 Sones, ENERGY STAR Finish Pack	4 *	HM
AE110LF	Ω	LED light, 110 CFM, 1.3 Sones, ENERGY STAR Finish Pack	4 *	HM

Ω Works with Model RDM1 and RDMWT radiation damper.

Select models are ENERGY STAR certified products — see product description.
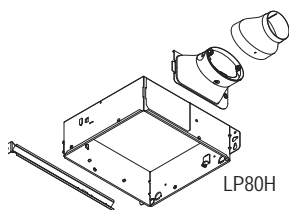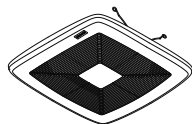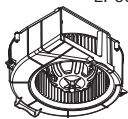
Broan® LoProfile™ Project Packs

LP80H

The new Broan LoProfile™ fan is our latest solution for installations where 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 2 x 4 studs. When plumbing or electrical obstructions are found behind the drywall in ceiling remodel applications, our LoProfile™ fan can still fit without having to move anything. And that means most any room with space constraints can have powerful, quiet and efficient ventilation. Project Packs offer availability to buy housings for rough-in and motor/blower assemblies and grille later for finishing.

Model No.	Description	Std. Pk.	Code
LP80H	Housing Pack for LP80	4 *	HV
LP80F	ENERGY STAR Finish Pack. Motor and Grille Assembly. 80 CFM, 1.0 Sones.	4 *	HV

LP80F

Select models are ENERGY STAR certified products — see product description.

Broan® Radiation Damper Accessory Kit

Model No.	Description	Std. Pk.	Code
RDFQF	Radiation damper accessory that works with Models QTRE080, QTRE080C2S, QTRE080R, QTRE110, QTXE050, QTXE080, QTXE110, SSQTXE110, SSQTXE80, QTR110F, QTRE110F, QTR080F and QTRE080F.	1	HV
RDFQL	Radiation damper accessory that works with Models QTRE080FLT, QTRE110FLT, QTXE110FLT, QTXE080FLT, QTXE110FLT, QTRE110FLFT and QTRE080FLFT. Also works with Models QTXE110S and QTXE110SFLT when used with RDJUMPQ accessory.	1	HV
RDFU	Radiation damper accessory that works with Models QTXE150, QTXE150FLT, RB80, RB110, XB50, XB80, XB110, ZB80 and ZB110. Also works with Models RB80L, RB110L, XB110HL, ZB110HL, ZB80ML, ZB110ML, XB50L, XB80L, XB110L, ZB80L, ZB110L, XB110H, ZB110H, ZB80M and ZB110M when used with RDJUMPU accessory.	1	HP
RDFUWT	Radiation damper accessory that works with Models QTXE150, QTXE150FLT, RB80, RB110, XB50, XB80, XB110, ZB80 and ZB110. Also works with Models RB80L, RB110L, XB110HL, ZB110HL, ZB80ML, ZB110ML, XB50L, XB80L, XB110L, ZB80L, ZB110L, XB110H, ZB110H, ZB80M and ZB110M when used with RDJUMPU accessory. For UL wood truss assembly listings L521, L528, L546, L558, L562, L574, L576, L581, L583, L585, P522, P533, P538, P545 and P547. Available May, 2017.	1	HP
RDJ1	Radiation damper accessory with metal grille and metal duct connector (no housing). Works with 770, 784, 676, 684, HD50 and HD80.	1	HV
RDF1	Radiation damper. Works with ULTRA® Series non-sensing fans (not fan/lights) and LP80.	1	HP
<u>Accessories</u>			
RDJUMPQ	Wiring jumper kit required for use with RDFQL when used with Models QTXE110S and QTXE110SFLT.	1	AC
RDJUMPU	Wiring jumper kit required for use with RDFU when used with Models XB110HL, ZB110HL, ZB80ML, ZB110ML, XB50L, XB80L, XB110L, ZB80L, ZB110L, XB110H, ZB110H, ZB80M and ZB110M.	1	AC
804QDD ■	4" metal connector for use with QT models.	1	AC

■ Limited quantities available.

Broan® Fan and Combination Unit Project Packs

Broan's project packs offer a variety of housings packed and sold separately from motor assembly and grille. You can buy housings for rough-in … buy assemblies and grilles later for finishing. Type IC.

Fan/Light Project Packs — Fits 2" x 6" Ceiling Construction

Model No.	Description	Std. Pk.	Code
2677H	Housing Pack for 2678F, 2679F, 2680F, FL2679F, FL2679FT, FL2680F and FL2680FT. Type IC. Mounting ears.	4 ∗	LV
3677H	Housing Pack. Same as 2677H, except includes built-in slide channels and mounting brackets.	4 ∗	LV
2678F ◆	Finish Pack. Motor, Reflector and Grille Assembly. 50 CFM, 2.5 Sones, 100W light. Uses 2677H or 3677H housing pack.	4 ∗	LV