



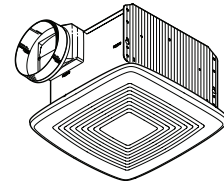
BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

BROAN®

MODEL QT130E

Page 1

MODEL QT130E VENTILATION FAN



READ AND SAVE THESE INSTRUCTIONS

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Acceptable for use over a tub or shower when connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit (ceiling installation only).
8. This unit must be grounded.

CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. This product is designed for installation in ceilings up to a 12/12 pitch (45 degree angle). Duct connector must point up. DO NOT MOUNT THIS PRODUCT IN A WALL.
3. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
4. Please read specification label on product for further information and requirements.

Installer: Leave this manual with the homeowner.

CLEANING & MAINTENANCE

For quiet and efficient operation, long life, and attractive appearance - lower or remove grille and vacuum interior of unit with the dusting brush attachment.

The motor is permanently lubricated and never needs oiling. If the motor bearings are making excessive or unusual noises, replace the blower assembly (includes motor and impeller).

OPERATION

Use an on/off switch or speed control to operate this ventilator. See "Connect Wiring" for details.

WARRANTY

BROAN-NUTONE THREE YEAR LIMITED WARRANTY

Broan-NuTone warrants to the original consumer purchaser of its products that such products will be free from defects in materials or workmanship for a period of three years from the date of original purchase. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

During this three-year period, Broan-NuTone will, at its option, repair or replace, without charge, any product or part which is found to be defective under normal use and service.

THIS WARRANTY DOES NOT EXTEND TO FLUORESCENT LAMP STARTERS, TUBES, HALOGEN AND INCANDESCENT BULBS, FUSES, FILTERS, DUCTS, ROOF CAPS, WALL CAPS AND OTHER ACCESSORIES FOR DUCTING. This warranty does not cover (a) normal maintenance and service or (b) any products or parts which have been subject to misuse, negligence, accident, improper maintenance or repair (other than by Broan-NuTone), faulty installation or installation contrary to recommended installation instructions.

The duration of an implied warranty is limited to the three-year period as specified for the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. BROAN-NUTONE'S OBLIGATION TO REPAIR OR REPLACE, AT BROAN-NUTONE'S OPTION, SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. BROAN-NUTONE SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This warranty supersedes all prior warranties.

To qualify for warranty service, you must (a) notify Broan-NuTone at the address or telephone number stated below, (b) give the model number and part identification and (c) describe the nature of any defect in the product or part. At the time of requesting warranty service, you must present evidence of the original purchase date.

Broan-NuTone LLC, 926 W. State Street, Hartford, Wisconsin 53027
www.broan.com 800-558-1711

Register your product online at: www.broan.com/register



#2 Chootoo Road, South Aranguéz, San Juan, Trinidad





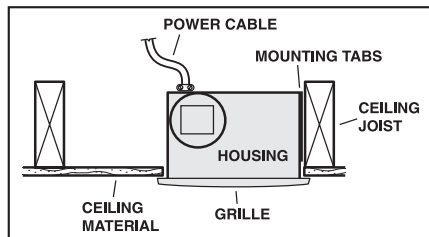
BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

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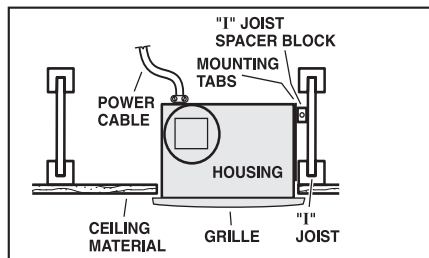
MODEL QT130E

Page 2

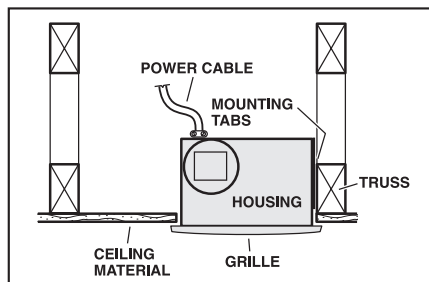
TYPICAL INSTALLATIONS



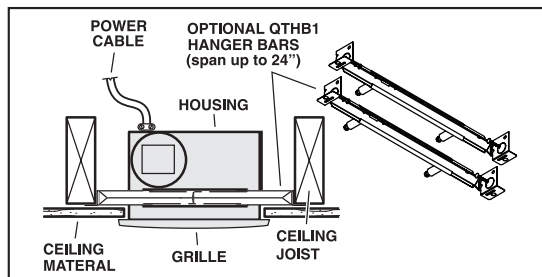
Housing mounted to joists.



Housing mounted to I-joists.
Use I-joist spacer block (provided).

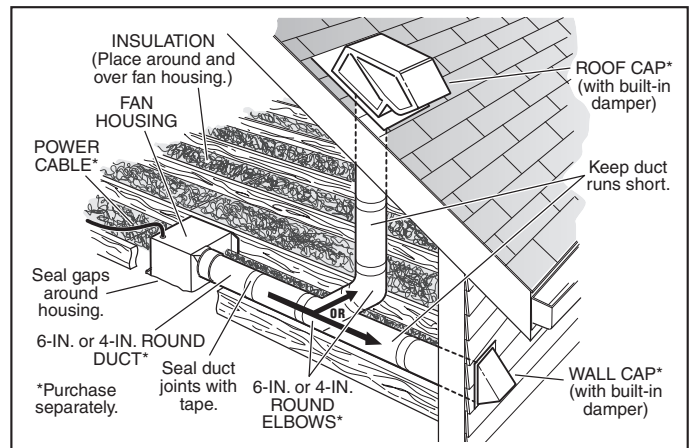
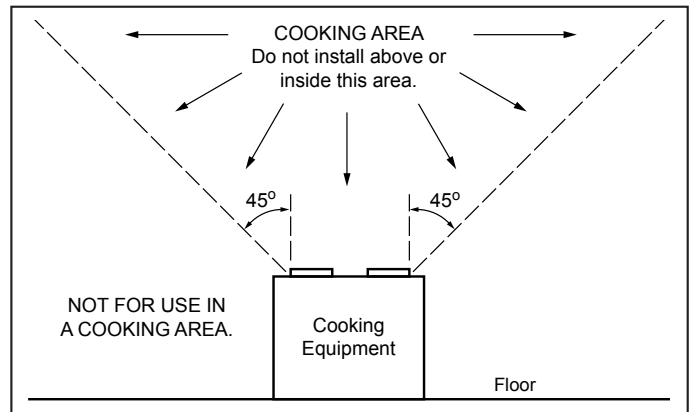


Housing mounted to truss.



To mount housing anywhere between joists, i-joists or trusses, use optional hanger bar kit QTHB1 (sold separately). Follow mounting instructions included with kit.

PLAN THE INSTALLATION





BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

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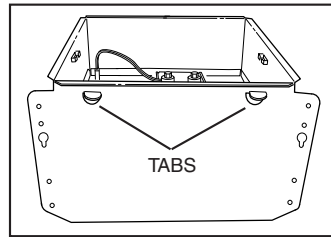
MODEL QT130E

Page 3

INSTALL HOUSING & DUCT

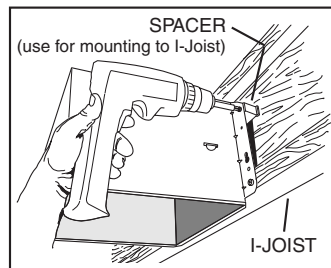
1. Bend housing tabs.

Use a pliers to bend housing **TABS** out to 90°.



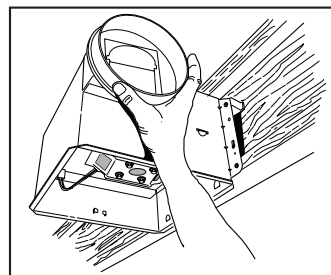
2. Mount housing to joist.

Hold housing in place so that the housing tabs contact the bottom of the joist. The housing mounts with four (4) screws or nails. Screw or nail housing to joist through lowest holes in each mounting flange, then through highest holes. **NOTE:** Mounting to **I-JOIST** (shown) requires use of **SPACERS** (included) between the highest hole of each mounting flange and the I-joist.



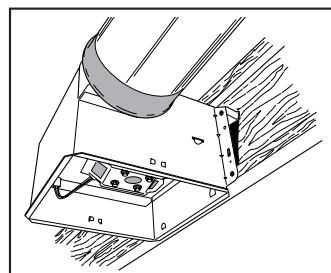
3. Attach damper/duct connector.

Snap damper / duct connector onto housing. Make sure connector is flush with top of housing and damper flap falls closed. If using 4-inch ductwork, install 6" to 4" duct reducer (included) over duct connector.

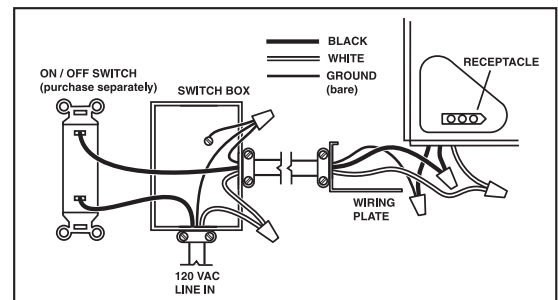
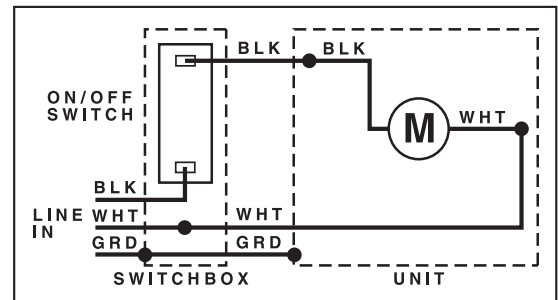


4. Install 6-inch or 4-inch round ductwork.

Connect 6-inch or 4-inch round ductwork to damper / duct connector. Run ductwork to a roof cap or wall cap. Tape all ductwork connections to make them secure and air tight.



CONNECT WIRING



5. Connect electrical wiring.

Run 120 VAC house wiring to installation location. Use proper UL approved connector to secure house wiring to wiring plate. Connect wires as shown in wiring diagrams.





BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

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MODEL QT130E

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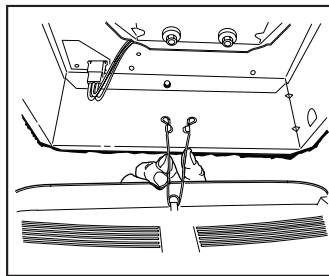
INSTALL GRILLE

6. Finish ceiling.

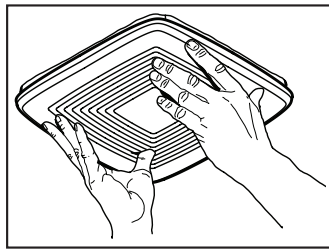
Install ceiling material. Cut out around housing.

7. Attach grille to housing.

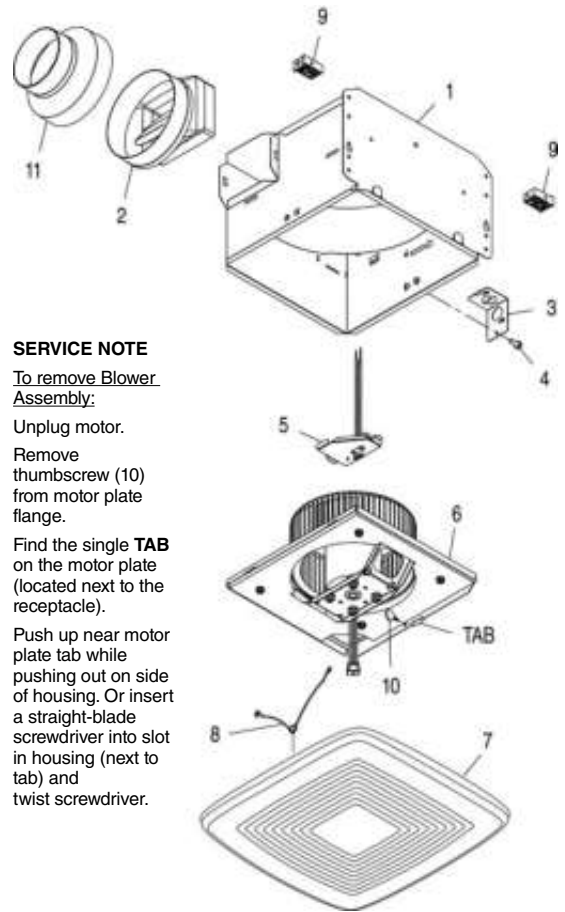
Squeeze grille springs and insert them into tabs on each side of housing.



8. Push grille against ceiling.



Replacement parts can be ordered on our website. Please visit us at www.broan.com



SERVICE NOTE

To remove Blower Assembly:

Unplug motor.

Remove thumbscrew (10) from motor plate flange.

Find the single **TAB** on the motor plate (located next to the receptacle).

Push up near motor plate tab while pushing out on side of housing. Or insert a straight-blade screwdriver into slot in housing (next to tab) and twist screwdriver.

SERVICE PARTS

Key No.	Part No.	Description
1	97016466	Housing
2	97018562	Duct Connector - 6"
3	98010102	Wiring Plate
4	99170245	Screw, #8-18 X .375
5	97018010	Wire Panel/Harness Assembly
6	97019540	Blower Assembly
7	97017621	Grille Assembly (includes key no. 8)
8	99140199	Grille Spring (2 req'd)
9	97018014	Spacer (2 supplied)
10	99420665	Thumbscrew, #8-18 x .375
11	475	Duct Reducer - 6" to 4"

Order service parts by "Part No." - not by "Key No."

99044827B



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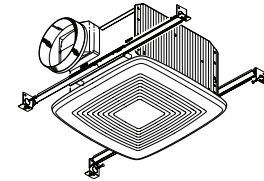




BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

MODELS QTXE080 • QT Xen080 • QTXE090C • QTXE110 • QT Xen110 • QTXE1102

QTXE SERIES ULTRA SILENT™ FANS



Page 1

READ AND SAVE THESE INSTRUCTIONS

WARNING

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3. Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Acceptable for use over a tub or shower when connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit (ceiling installation only).
8. This unit must be grounded.

CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. This product is designed for installation in ceilings up to a 12/12 pitch (45 degree angle). Duct connector must point up. **DO NOT MOUNT THIS PRODUCT IN A WALL.**
3. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
4. Please read specification label on product for further information and requirements.

CLEANING & MAINTENANCE

For quiet and efficient operation, long life, and attractive appearance - lower or remove grille and vacuum interior of unit with the dusting brush attachment.

The motor is permanently lubricated and never needs oiling. If the motor bearings are making excessive or unusual noises, replace the blower assembly (includes motor and impeller).

OPERATION

Use an on/off switch or speed control to operate this ventilator. See "Connect Wiring" for details. Use of speed controls other than the Broan Models 78V and 78W may cause a motor humming noise.

Installer: Leave this manual with the homeowner.



#2 Chootoo Road, South Aranguez, San Juan, Trinidad





BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

BROAN

VENTILATION FAN

MODEL QTXE150

Page 1

**READ AND SAVE
THESE INSTRUCTIONS**

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3. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
4. Please read specification label on product for further information and requirements.

CLEANING & MAINTENANCE

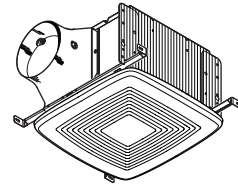
For quiet and efficient operation, long life, and attractive appearance - lower or remove grille and vacuum interior of unit with the dusting brush attachment.

The motor is permanently lubricated and never needs oiling. If the motor bearings are making excessive or unusual noises, replace the blower assembly (includes motor and impeller).

OPERATION

Use an on/off switch or speed control to operate this ventilator. See "Connect Wiring" for details. Use of speed controls other than the Broan Models 78V and 78W may cause a motor humming noise.

Register your product online at:
www.broan.com/register



WARRANTY

Limited Warranty

Warranty Period and Exclusions: Broan-NuTone LLC (the "Company") warrants to the original consumer purchaser of its product ("you") that the product (the "Product") will be free from material defects in the Product or its workmanship for a period of three (3) years from the date of original purchase.

The limited warranty period for any replacement parts provided by the Company and for any Products repaired or replaced under this limited warranty shall be the remainder of the original warranty period. This warranty does not cover speed controls, fluorescent lamp starters, tubes, halogen and incandescent bulbs, fuses, filters, ducts, roof caps, wall caps and other accessories for ducting that may be purchased separately and installed with the Product. This warranty also does not cover (a) normal maintenance and service, (b) normal wear and tear, (c) any Products or parts which have been subject to misuse, abuse, abnormal usage, negligence, accident, improper or insufficient maintenance, storage or repair (other than repair by the Company), (d) damage caused by faulty installation, or installation or use contrary to recommendations or instructions, (e) any Product that has been moved from its original point of installation, (f) damage caused by environmental or natural elements, (g) damage in transit, (h) natural wear of finish, (i) Products in commercial or nonresidential use, or (j) damage caused by fire, flood or other act of God. This warranty covers only Products sold to original consumers in the United States by the Company or U.S. distributors authorized by the Company.

This warranty supersedes all prior warranties and is not transferable from the original consumer purchaser.

No Other Warranties: This Limited Warranty contains the Company's sole obligation and your sole remedy for defective products. The foregoing warranties are exclusive and in lieu of any other warranties, express or implied. **THE COMPANY DISCLAIMS AND EXCLUDES ALL OTHER EXPRESS WARRANTIES, AND DISCLAIMS AND EXCLUDES ALL WARRANTIES IMPLIED BY LAW, INCLUDING WITHOUT LIMITATION THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** To the extent that applicable law prohibits the exclusion of implied warranties, the duration of any applicable implied warranty is limited to the period specified for the express warranty above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Any oral or written description of the Product is for the sole purpose of identifying it and shall not be construed as an express warranty.

Whenever possible, each provision of this Limited Warranty shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision is held to be prohibited or invalid, such provision shall be ineffective only to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the other remaining provisions of the Limited Warranty.

Remedy: During the applicable limited warranty period, the Company will, at its option, provide replacement parts for, or repair or replace, without charge, any Product or part thereof, to the extent the Company finds it to be covered by and in breach of this limited warranty under normal use and service. The Company will ship the repaired or replaced Product or replacement parts to you at no charge. You are responsible for all costs for removal, reinstallation and shipping, insurance or other freight charges incurred in the shipment of the Product or part to the Company. If you must send the Product or part to the Company, as instructed by the Company, you must properly pack the Product or part—the Company is not responsible for damage in transit. The Company reserves the right to utilize reconditioned, refurbished, repaired or remanufactured Products or parts in the warranty repair or replacement process. Such Products and parts will be comparable in function and performance to an original Product or part and warranted for the remainder of the original warranty period.

Exclusion of Damages: **THE COMPANY'S OBLIGATION TO PROVIDE REPLACEMENT PARTS, OR REPAIR OR REPLACE, AT THE COMPANY'S OPTION, SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY AND THE COMPANY'S SOLE AND EXCLUSIVE OBLIGATION. THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, INDIRECT, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE PRODUCT, ITS USE OR PERFORMANCE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

This warranty covers only replacement or repair of defective Products or parts thereof at the Company's main facility and does not include the cost of field service travel and living expenses.

Any assistance the Company provides to or procures for you outside the terms, limitations or exclusions of this limited warranty will not constitute a waiver of such terms, limitations or exclusions, nor will such assistance extend or revive the warranty.

The Company will not reimburse you for any expenses incurred by you in repairing or replacing any defective Product, except for those incurred with the Company's prior written permission.

How to Obtain Warranty Service: To qualify for warranty service, you must (a) notify the Company at the address or telephone number stated below within seven (7) days of discovering the covered defect, (b) give the model number and part identification and (c) describe the nature of any defect in the Product or part. At the time of requesting warranty service, you must present evidence of the original purchase date. If you cannot provide a copy of the original written limited warranty, then the terms of the Company's most current written limited warranty for your particular product will control. The most current limited written warranties for the Company's products can be found at www.broan.com.

Broan-NuTone LLC 926 West State Street, Hartford, WI 53027
www.broan.com 800-558-1711

**Installer: Leave this manual with
the homeowner.**



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BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

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VENTILATION FAN

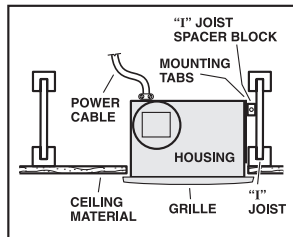
MODEL QTXE150

Page 2

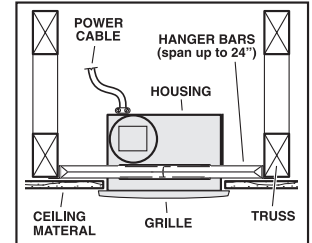
TYPICAL INSTALLATIONS

Housing mounted to I-joists.

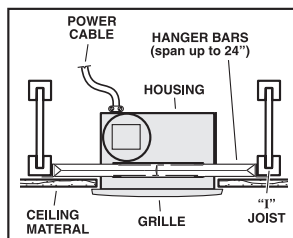
Use I-joist spacer block (provided).



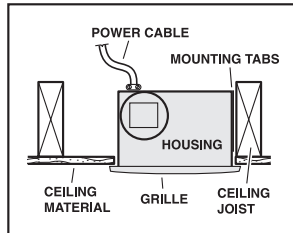
Housing mounted anywhere between trusses using hanger bars.



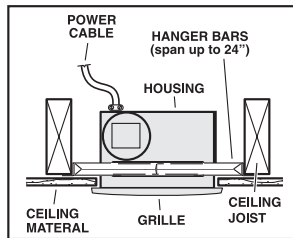
Housing mounted anywhere between I-joists using hanger bars.



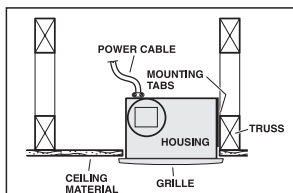
Housing mounted to joists.



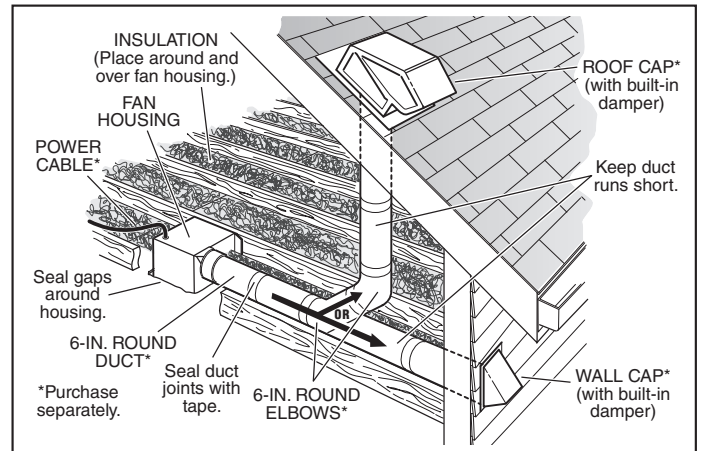
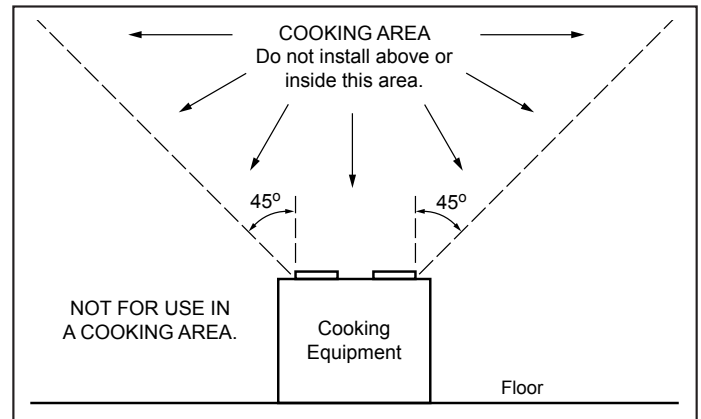
Housing mounted anywhere between joists using hanger bars.



Housing mounted to truss.



PLAN THE INSTALLATION



The ducting from this fan to the outside of the building has a strong effect on the air flow, noise and energy use of the fan. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated airflow.





BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

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VENTILATION FAN

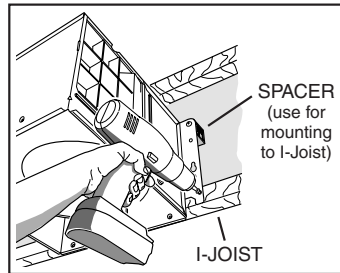
MODEL QTXE150

Page 3

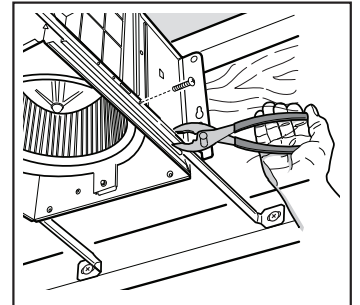
INSTALL HOUSING & DUCT

1a. Mount housing to joist.

Hold housing in place so that bottom edge of housing will be flush with finished surface of ceiling. For 1/2" thick ceiling material, position bottom of each mounting flange flush with the bottom of joist. The housing mounts with four (4) screws or nails. Screw or nail housing to joist through lowest holes in each mounting flange, then through highest holes. NOTE: Mounting to I-JOIST (shown) requires use of SPACERS (included) between the highest hole of each mounting flange and the I-joist.

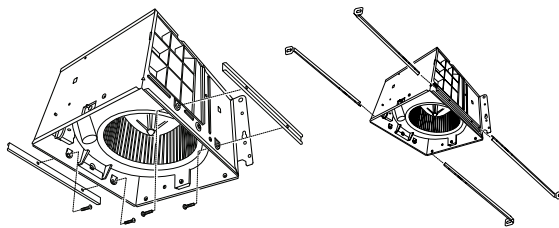


To ensure a noise-free mount: Secure hanging bars together with SCREWS and use a pliers to crimp mounting channels tightly around hanger bars.



OR

1b. Mount housing anywhere between trusses, joists, or I-joists using hanger bars.

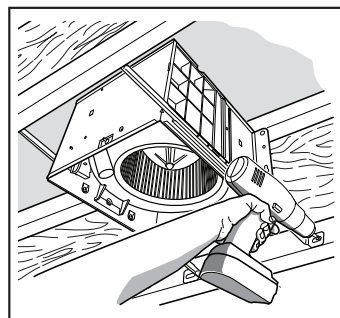


Sliding hanger bars are provided to allow for accurate positioning of housing anywhere between framing. They can be used on all types of framing (I-joist, standard joist, and truss construction) and span up to 24".

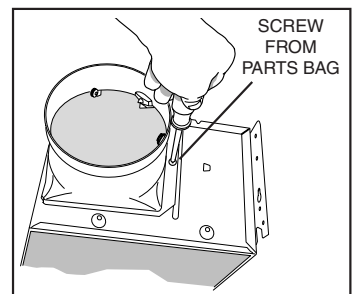
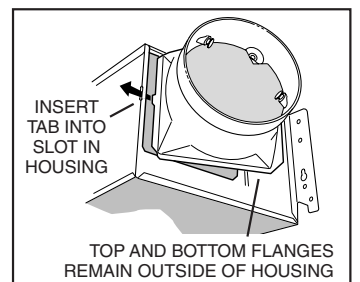
Attach the MOUNTING CHANNELS to the housing using the SCREWS supplied.

Extend HANGER BARS to the width of the framing.

Hold housing in place so that bottom edge of housing will be flush with finished surface of ceiling. For 1/2" thick ceiling material, position bottom of each mounting flange flush with bottom of joist.

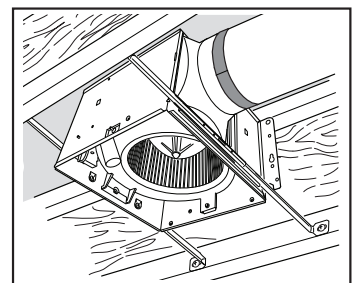


2. Attach damper/duct connector.



3. Install 6-inch round ductwork.

Connect 6-inch round ductwork to damper / duct connector. Run ductwork to a roof cap or wall cap. Tape all ductwork connections to make them secure and air tight.





BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

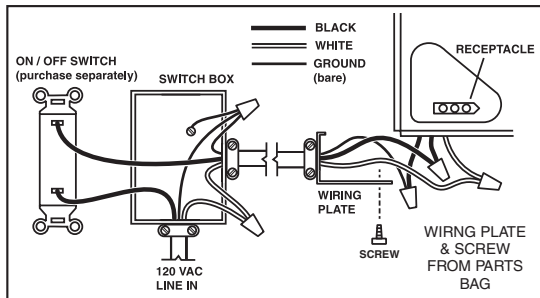
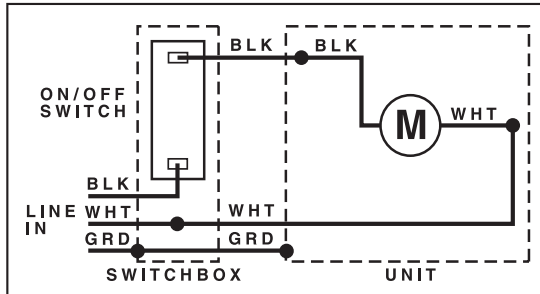
BROAN

VENTILATION FAN

MODEL QTXE150

Page 4

CONNECT WIRING



4. Connect electrical wiring.

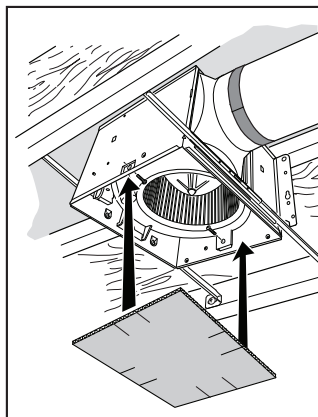
Run 120 VAC house wiring to installation location. Use proper UL approved connector to secure house wiring to wiring plate. Connect wires as shown in wiring diagrams.

INSTALL MASK & FINISH CEILING

5. Insert mask and finish ceiling.

Tape mask into housing. Mask protects unit during construction. Remove before installing grille.

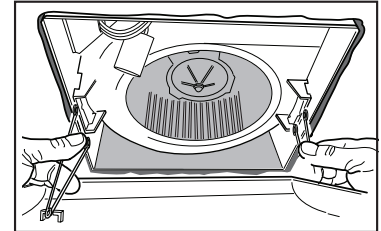
Install ceiling material. Cut out around housing.



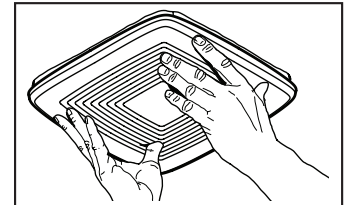
INSTALL GRILLE

6. Attach grille to housing.

Squeeze grille springs and insert them into tabs on each side of housing.



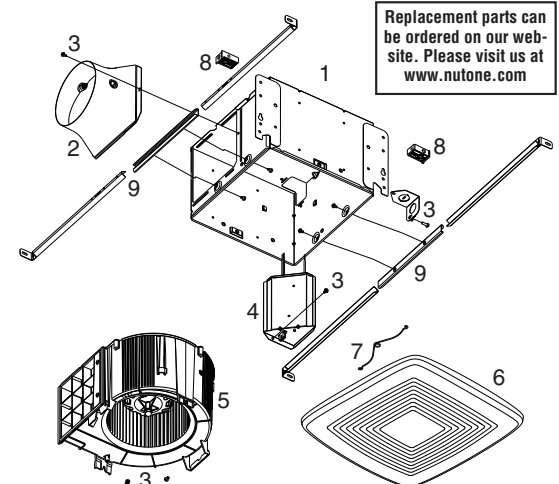
7. Push grille against ceiling.



SERVICE PARTS

Key No.	Part No.	Description
1	97020009	Housing
2	97018331	Duct Connector
3	97018721	Parts Bag (includes wiring plate & all screws)
4	97018447	Wire Panel/Harness Assembly
5	97020011	Blower Assembly
6	97018530	Grille Assembly (includes key no. 7)
7	99140208	Grille Spring (2 req'd)
8	97018014	Spacer (2 supplied)
9	97020013	Hanger Bar Kit

Order service parts by "Part No." - not by "Key No."



99045440A



#2 Chootoo Road, South Aranguez, San Juan, Trinidad





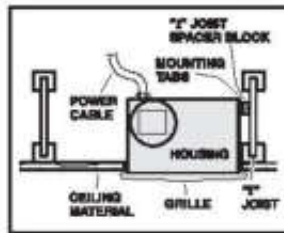
BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

MODELS QTXE080 • QTXEN080 • QTXE090C • QTXE110 • QTXEN110 • QTXE1102

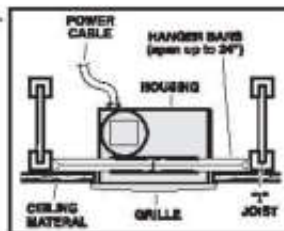
Page 2

TYPICAL INSTALLATIONS

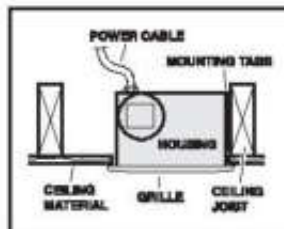
Housing mounted to
I-joists.



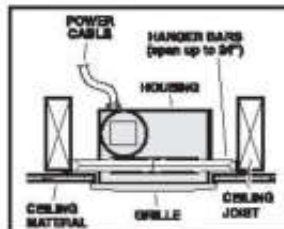
Housing mounted any-
where between
I-joists
using
hanger bars.



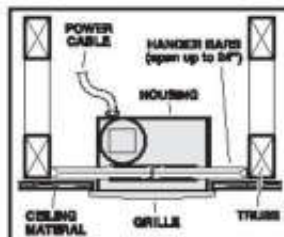
Housing mounted to
joists.



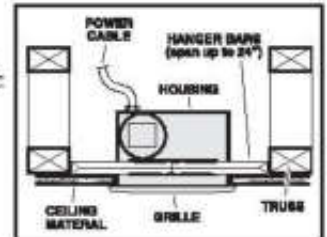
Housing mounted
anywhere between
joists
using
hanger bars.



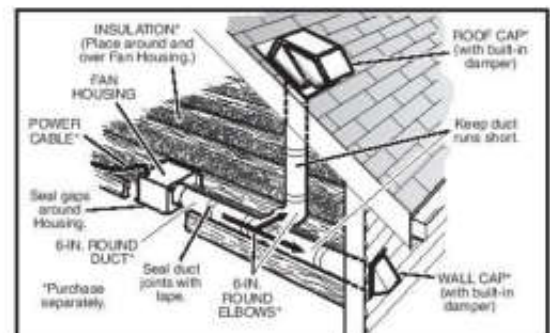
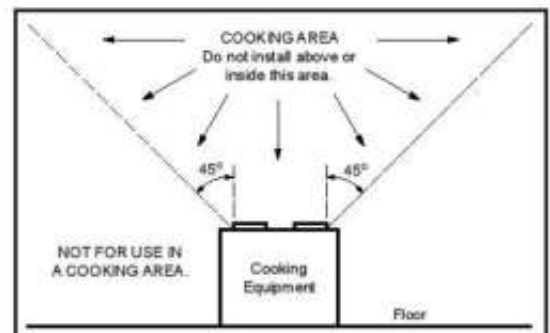
Housing mounted
anywhere between
trusses using hang-
er bars.



Housing mounted
anywhere between
trusses using hang-
er bars.



PLAN THE INSTALLATION



The ducting from this fan to the outside of the building has a strong effect on the air flow, noise and energy use of the fan. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated airflow.

Use a roof cap or wall cap that has a built-in damper to reduce backdrafts.

Plan to supply the unit with proper line voltage and appropriate power cable.





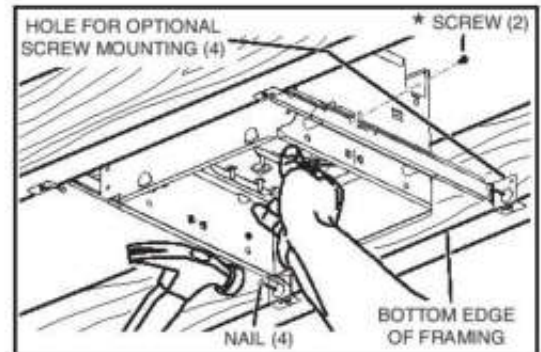
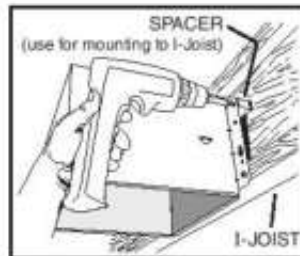
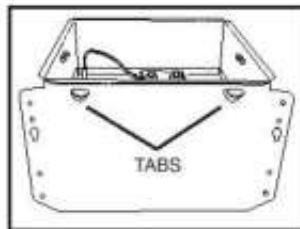
BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

MODELS QTXE080 • QT Xen080 • QTXE090C • QTXE110 • QT Xen110 • QTXE1102

INSTALL HOUSING & DUCT

1a. Mount housing to joist or I-joist.

Use a pliers to bend housing **TABS** out to 90°. Hold housing in place so that the housing tabs contact the bottom of the joist. The housing mounts with four (4) screws or nails. Screw or nail housing to joist through lowest holes in each mounting flange, then through highest holes. **NOTE:** Mounting to **I-JOIST** (shown) requires use of **SPACERS** (included) between the highest hole of each mounting flange and the I-joist.

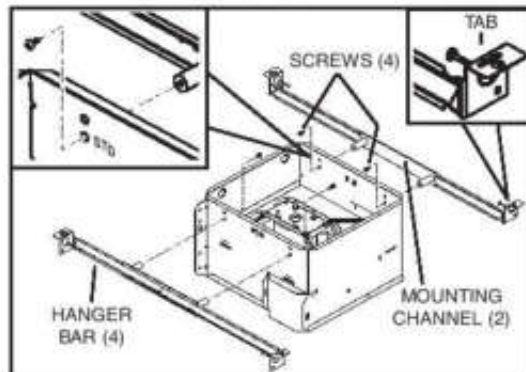


Extend **HANGER BARS** to the width of the framing. Hold ventilator in place with the hanger bar tabs wrapping around the **BOTTOM EDGE OF THE FRAMING**. **NAIL** ventilator to framing or fasten with screws (not provided) through **HOLES** near nails.
* To ensure a noise-free mount: Secure hanger bars together with **SCREWS** or use a pliers to crimp mounting channels tightly around hanger bars.

OR

1b. Mount housing anywhere between trusses, joists, or I-joists using hanger bars.

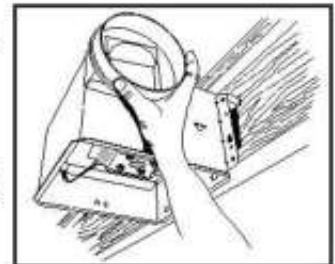
Sliding hanger bars are provided to allow for accurate positioning of housing anywhere between framing. They can be used on all types of framing (I-joist, standard joist, and truss construction) and span up to 24".



Attach the **MOUNTING CHANNELS** to the housing using the **SCREWS** supplied. Make sure **TABS** face "up" as shown. Use the set of channel mounting holes (marked "STD") to mount the housing flush with the bottom of the drywall. Use the other set of holes (not marked) to mount the housing flush with the top of the drywall.

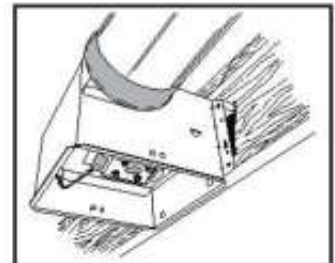
2. Attach damper/duct connector.

Snap damper / duct connector onto housing. Make sure connector is flush with top of housing and damper flap falls closed.



3. Install 6-inch round ductwork.

Connect 6-inch round ductwork to damper / duct connector. Run ductwork to a roof cap or wall cap. Tape all ductwork connections to make them secure and air tight.



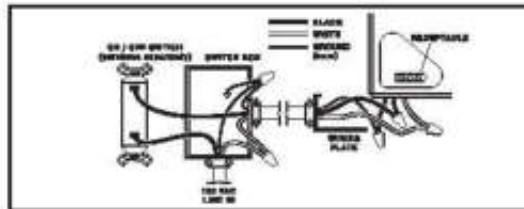
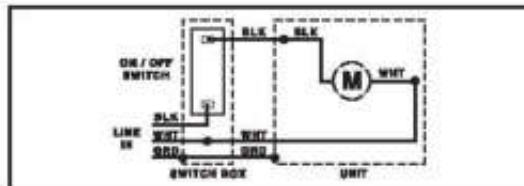


BROAN QT SERIES- BATHROOM FAN - INSTALLATION GUIDE

MODELS QTXE080 • QTXEN080 • QTXE090C • QTXE110 • QTXEN110 • QTXE1102

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CONNECT WIRING

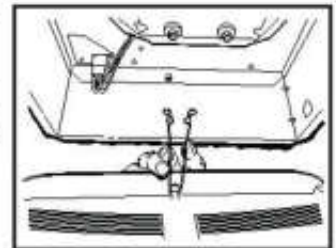


- 4. Connect electrical wiring.**
Run 120 VAC house wiring to installation location. Use proper UL approved connector to secure house wiring to wiring plate. Connect wires as shown in wiring diagrams.

INSTALL GRILLE

- 5. Finish ceiling.**
Install ceiling material. Cut out around housing.

- 6. Attach grille to housing.**
Squeeze grille springs and insert them into slots on each side of housing.



- 7. Push grille against ceiling.**



99045936A



#2 Chootoo Road, South Aranguez, San Juan, Trinidad

