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BROAN QTR100FLT Owner's Manual

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----- Manual continues below -----

BROAN®

MODEL QTR100FLT FAN / LIGHT / NIGHT LIGHT

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.
8. This unit must be grounded.

CLEANING

For quiet and efficient operation - lower or remove dusting brush attachment.

The motor is permanent magnet. Motor bearings are made of steel. Do not lubricate the motor with the exact oil. The motor will be replaced.

OPERATION

The fan, light, and night light are controlled by the 3-function wall control. See "Connect" for the light. See "Connect"

WARRANTY

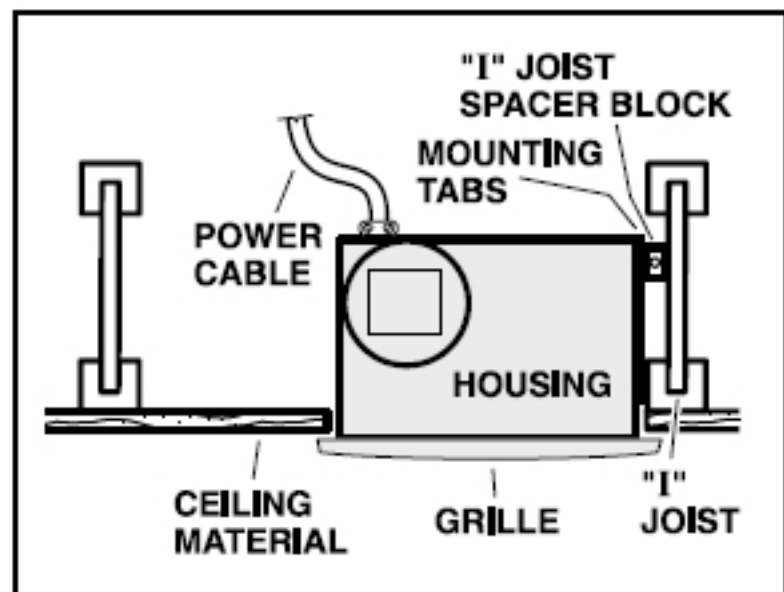
BROAN-NUTONE

Broan-NuTone warrants that such products will be free from defects in material and workmanship for a period of three years from the date of purchase. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE MADE.

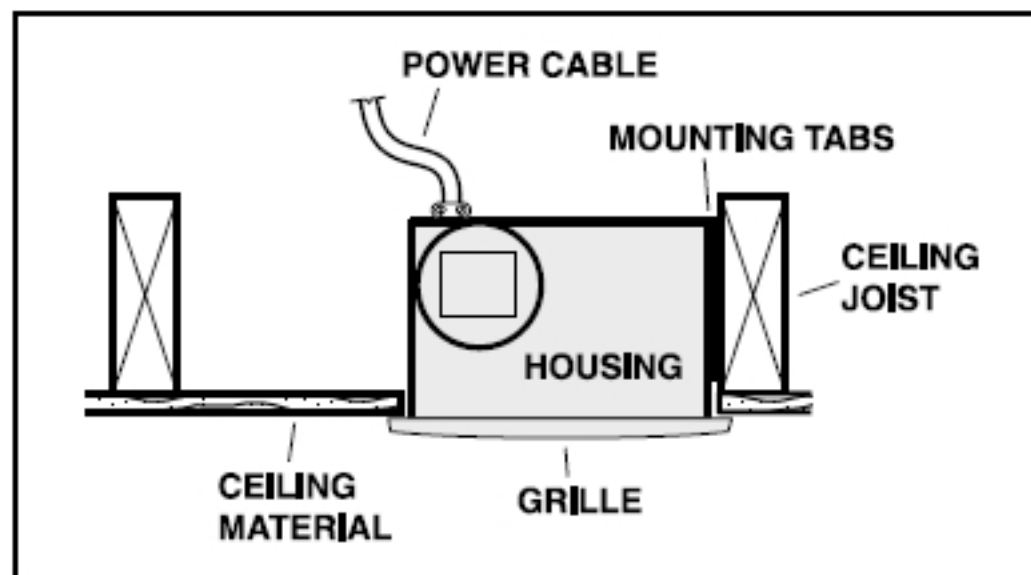
During this three-year period, Broan-NuTone will, without charge, repair or replace, without charge, any part that fails under normal use and service. THIS WARRANTY DOES NOT COVER BURNERS, STARTERS AND TUBES. Broan-NuTone is not responsible for maintenance and service charges. This warranty is subject to misuse, negligence, or accident (other than by Broan-NuTone's recommended installation instructions).

The duration of an implied warranty is limited to the specified for the express warranty. The duration of an implied warranty is limited to the specified for the express warranty. The duration of an implied warranty is limited to the specified for the express warranty.

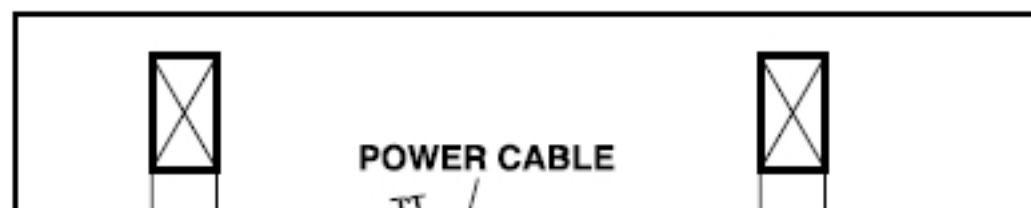
TYPICAL INSTALLATIONS



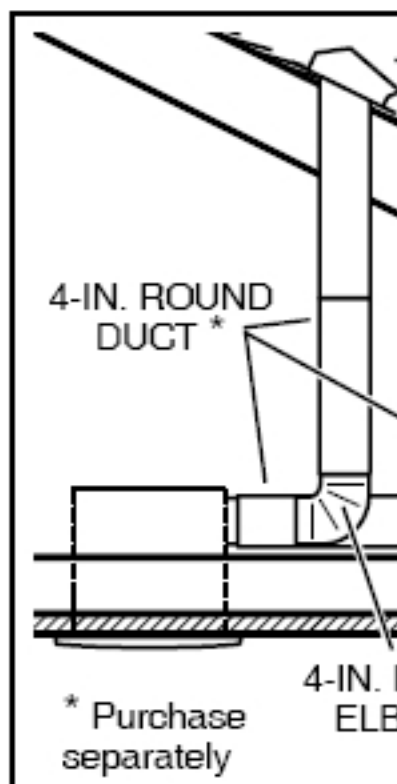
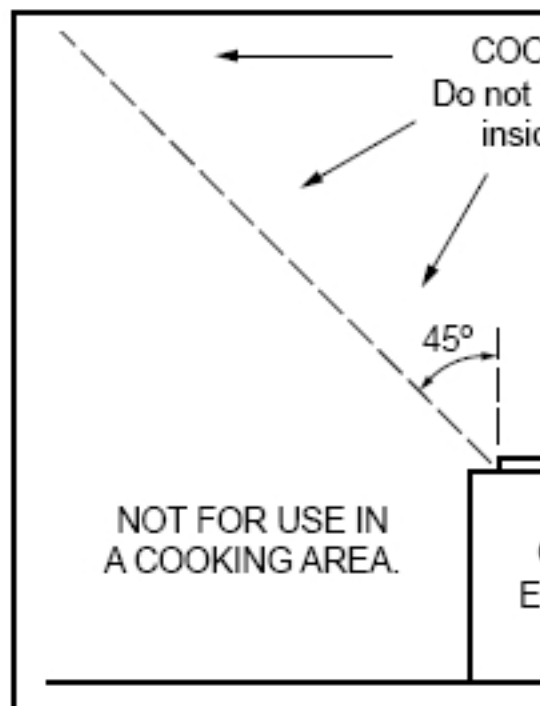
Housing mounted to I-joists.
Use I-joist spacer block (provided).



Housing mounted to joists.



PLAN THE INSTALLATION



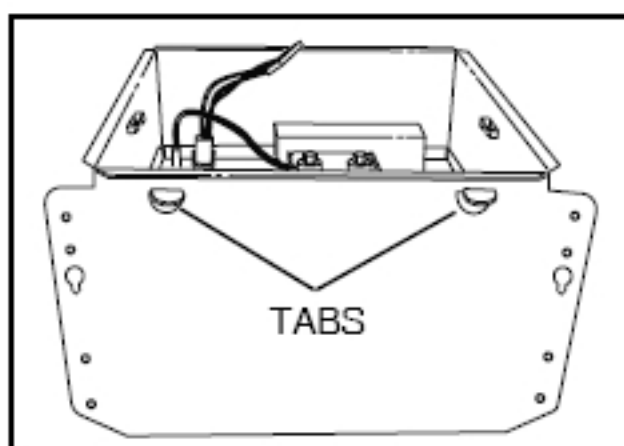
The unit will operate most efficiently where the shortest possible duct run is used. If more than one elbow will be needed, use a roof cap or wall cap.

Use a roof cap or wall cap.

INSTALL HOUSING & DUCT

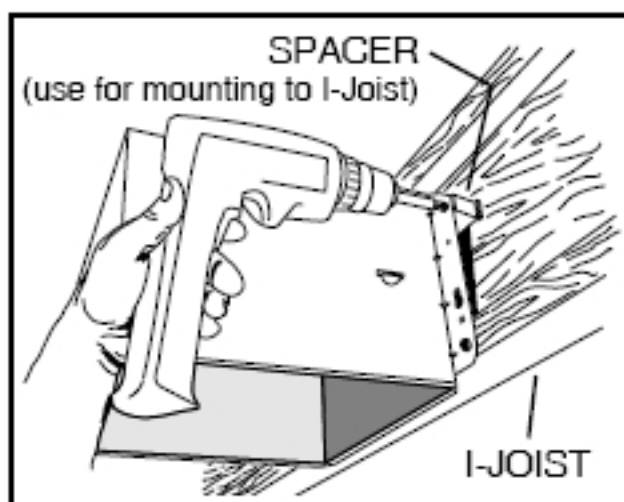
1. Bend housing tabs.

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



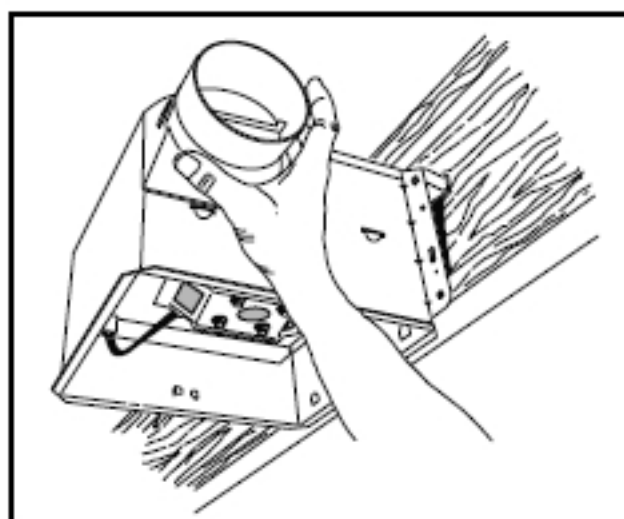
2. Mount housing to joist.

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.

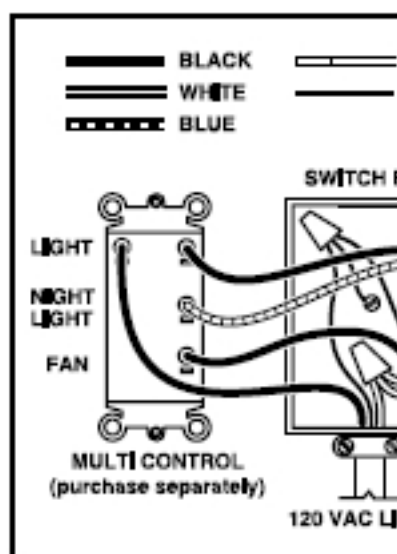
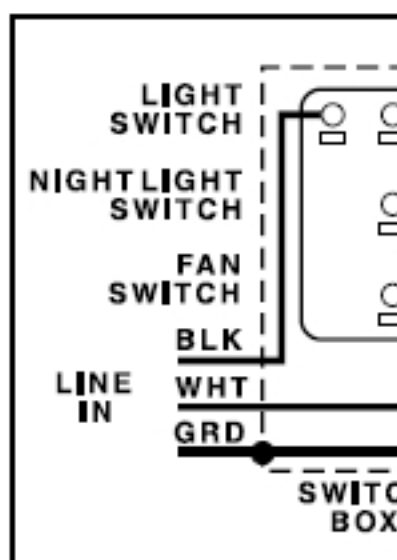


3. Attach damper/duct connector.

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



CONNECT WIRING



5. Connect electrical wiring.

Run 120 VAC house wiring through proper UL approved wiring plate. Connect

INSTALL GYPSUM

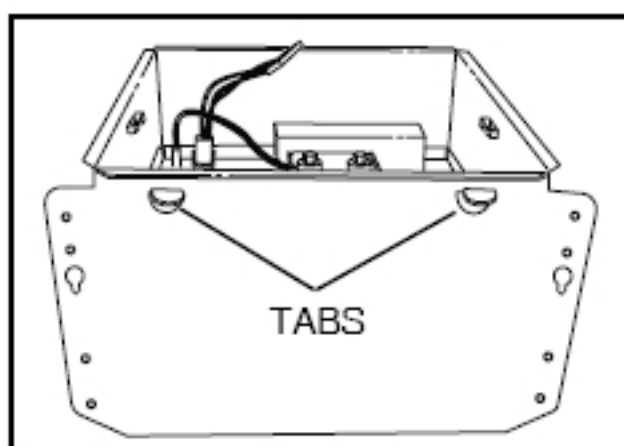
6. Finish ceiling

Install ceiling material

INSTALL HOUSING & DUCT

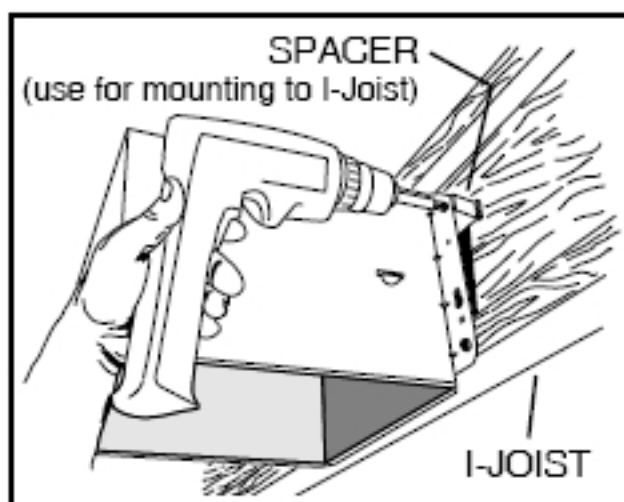
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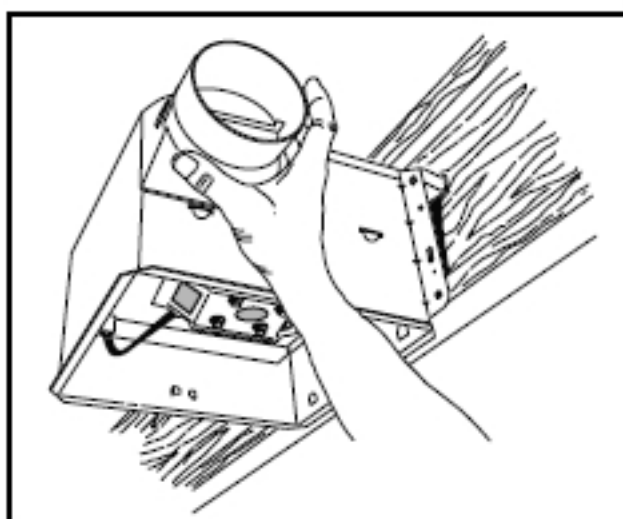
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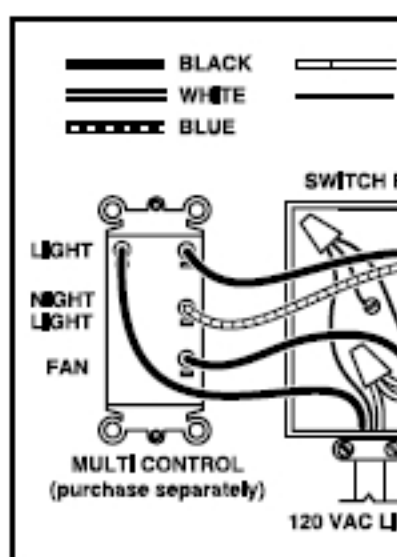
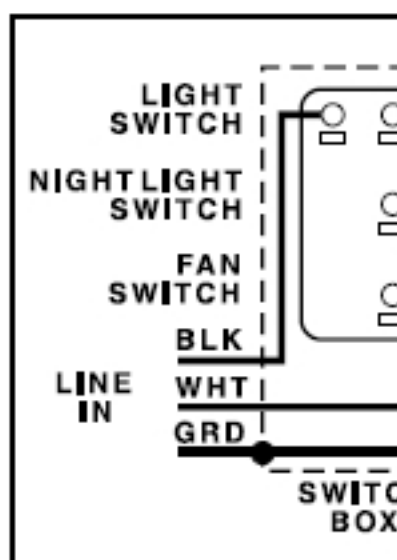


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CONNECT WIRING



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INSTALL GRILL

6. Finish ceiling

Install ceiling material