

Master Flow QuickConnect™

Ventilation Control

Installation Instructions

Gable Mount Attic Vent

For Gable-Mount Models: EGV5QCT

SAFETY CONSIDERATIONS AND WARNINGS

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

- Do Not Use This Fan With Any Solid-State Speed Control Device
 - 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.
 - This unit is to be mounted behind louvers or in a location where the entrance of drawn water is unlikely.
 - When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.
1. Use this unit only in the manner intended by GAF. If you have any installation questions, please contact Master Flow® Technical Services at 1-800-211-9612.
 2. For general ventilating use only. This ventilator has an unguarded impeller. Do **NOT** use in locations readily accessible to people or animals.
 3. Do **NOT** use to exhaust hazardous material, dust, or combustible vapors.
 4. During installation, always wear appropriate safety glasses, gloves, hard hats, restraints, and other safety equipment to avoid injury. **Warning:** Always wear durable work gloves while handling the unit.
 5. Observe all applicable building and electrical codes.
 6. Installation work and electrical wiring should be done by a qualified person in accordance with all building codes and the National Electrical Code (U.S. only), including codes for fire ratings. Contact a qualified electrician if you are not comfortable or familiar with electrical codes and/or installations.
 7. The ventilator should be connected to a 120 volt, 60 Hz grounded circuit only with minimum 14-gauge wiring that has at least 3 amperes of available capacity. If you cannot confirm there is sufficient electrical capacity on an existing circuit, install a separate dedicated circuit. Do **NOT** use an extension cord to operate.
 8. Inspect for hidden utilities before cutting or drilling. Do **NOT** damage electrical wiring or other hidden utilities when cutting or drilling.
 9. Make sure the fan blade is on tight and ensure the set screw is securely tightened.
 10. Ducted fans must always be vented to the outdoors.
 11. **FOR HOMES WITH A GAS OR OIL FURNACE OR APPLIANCE LOCATED IN THE SAME SPACE:**
The ventilator **MUST** be wired with a switch or other interlocking device to prevent the furnace and ventilator from operating at the same time during the heating cycle. The switch or other interlocking device **MUST** disconnect the vent unit from the electrical circuit power. GAF recommends that the switch (not included) be installed by a qualified person in accordance with all applicable building codes and standards.

Tools Required

- 3/8" or Adjustable Wrench
- #2 Phillips Screwdriver
- Saw (if installation requires additional wood supports)
- Safety Eyewear
- Fall Restraint Equipment
- Hard Hat and other Safety Equipment
- Utility Knife
- Gloves
- Ladder
- Claw Hammer
- Pencil or Marker
- Tape Measure
- 1/2" Trade Size Cable Clamp Connector
- Type NM Electrical Cable
- Wire Nuts

Figure 1a

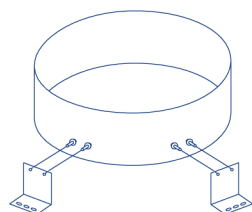


Figure 1b

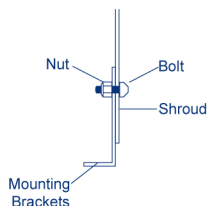


Figure 2a

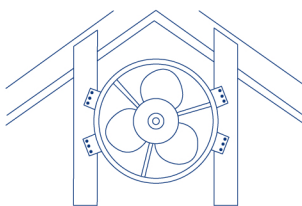
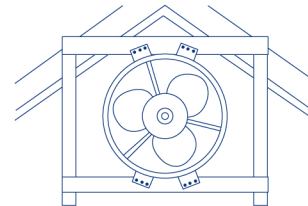


Figure 2b

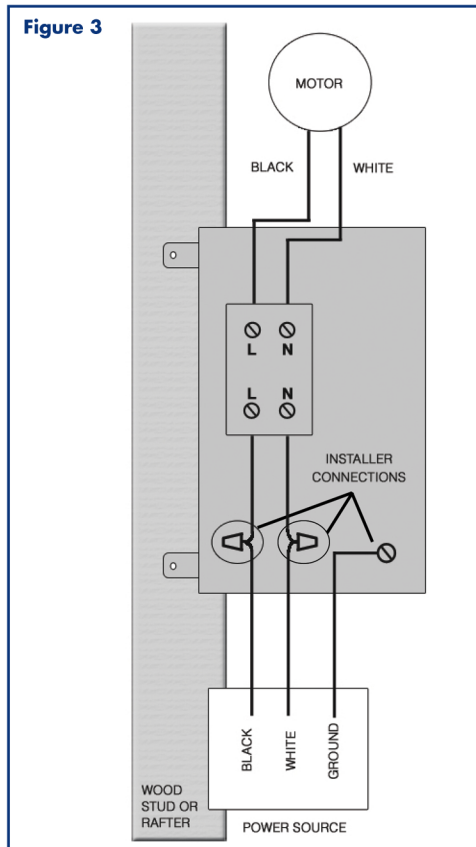


Note: See Figures on previous page.

- 1. Ensure Proper Intake Ventilation...** Always ensure there is proper intake ventilation at the soffit, under-eave, and fascia areas of the roof. This is required for a balanced ventilation system and to help avoid premature ventilator motor failure. Use the chart located on the outside of the package to ensure the minimum recommended intake ventilation is installed on the home. Always consult local building codes for ventilation requirements.
- 2. Determine Position...** Place Power Gable Vent behind an existing gable wall louver or install a Master Flow® SGM20 Automatic Gable Louver (not included). The fan should be approximately 3" (76 mm) to 4" (102 mm) away from the exterior louver.
- 3. Attach Mounting Brackets To Unit...** Carefully remove unit and mounting accessories kit from the carton. The fan mounting kit includes (8) bolts, (8) Nylok™ nuts, and (4) mounting brackets. Take the mounting brackets (long side) and align with the two holes on the shroud. With holes aligned, take two bolts with the head on the inside of the shroud and push through each hole. Take the Nylok™ nuts and fasten to each bolt. Repeat this process until all four mounting brackets are firmly fastened to shroud (Figures 1a & 1b).
- 4. Mount The Unit...** Place mounting brackets so end is flush with the stud. For studs 16" (40.6 cm) on center, mounting brackets are predrilled to this size. Screw or nail unit to framing through pre-punched holes in mounting brackets (Figure 2a). For studs over 16" (40.6 cm) on center, install two nominal 2" x 4" (50 mm x 100 mm) wood supports, 14" (35.6 cm) apart. Mount the unit to the two nominal 2" x 4" (50 mm x 100 mm) wood supports through the pre-punched holes in the mounting brackets (Figure 2b).

- 5. Wiring...** Always disconnect power supply before wiring the ventilator into an existing circuit. Remove the cover on the QuickConnect™ Controller and mount the metal enclosure on a rafter or stud utilizing the pre-punched holes in the orientation as shown in Figure 4a (below). Ensure that the TOP on the QuickConnect™ Controller label points towards the roof. Each ventilator must have its own QuickConnect™ Controller. Leave the flexible conduit with some slack and begin wiring the QuickConnect™ Controller as shown in Figure 4a (below). The included QuickConnect™ Controller arrives with factory default settings of temperature at 105°F and humidity at 50%. These default settings can be adjusted once the unit has been wired and you have downloaded the app and accepted the end user agreement.

Note: In the unlikely event that accessories or parts are missing or this product does not operate correctly, please contact Master Flow® Technical Services at 1-800-211-9612 or email WarrantyLLBP@gaf.com. Do **NOT** return this ventilator to retailers or distributors.



**WARNING: DO NOT INSTALL
 QUICKCONNECT™ CONTROLLER
 WITH OPENINGS FACING DOWN**