



“The natural choice for energy savings”

Installation Manual



Model QC 1000

Ceiling mount fan


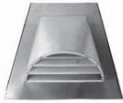

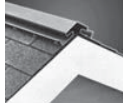

Read carefully all of this manual prior to installing the fan

QuietCool fan installation instructions

System Sizing and Venting

QuietCool Whole House Fan Quantity Recommendation

Cooling Properties	CFM per Square Feet (Air exchanges per hour)	Fan Quantity Recommendation by Square Foot Size of Structure			
		1,000	2,000	3,000	4,000
GOOD	FAIR COOLING - NOT THE BEST 1 CFM per square foot (7.5 air exchanges per hour)	1 QC1000	2 QC1000's	3 QC1000's	4 QC1000's
		FOR BETTER COOLING			
BETTER	2 CFM per square foot (15 air exchanges per hour)	2 QC1000's	4 QC1000's	6 QC1000's	8 QC1000's

REQUIRED ATTIC VENTILATION		1.5 SQ. FT. FOR EACH QC1000 FAN INSTALLED				
Vent type	<i>Gable vent</i>	<i>Dormer vent</i>	<i>Eave vent</i>	<i>Ridge vent</i>	<i>Soffet vent</i>	
Average size	12" x 19.5"	14" x 8"	3.5" x 22.5"	various	various	
Venting Sq. Ft.	1.20	0.70	0.35	various	various	
						

- Remove the cut-out template that will be used to mark the rough opening cut-out in the ceiling. QC-1000 rough opening is 12-3/4" x 21-1/2"
- Determine from down below in which areas you would like to install your QuietCool fans.
- Go up into the attic to mark the exact location for each fan. Take the cardboard cut-out template and a small screwdriver with you. When you find a location, move the insulation away to get a clear view. Make sure the template fits between the framing, and there are no obstructions in your chosen location. When you have chosen your exact spot, place the template on the spot and mark it at each corner by pushing the screwdriver through at each corner to make a hole so that you can find it from below.

Repeat these steps at each location

- From below, place the cut-out template on the ceiling at each location, making sure that you have at least 2 inches of clearance all around it, because the grill that will be installed later is 2 inches larger than the cut-out template. While holding the template in place, mark its outline with a pencil. Using a drywall saw or similar device, cut out the hole in the ceiling.

Repeat these steps at each location

- Place the fan in the center of the opening
- After placing the fan in the center of the opening make sure foam gasket rests on top of ceiling cut-out.
- Extend the 2 arms on each end of the fan housing and extend to be tight against joist.



1



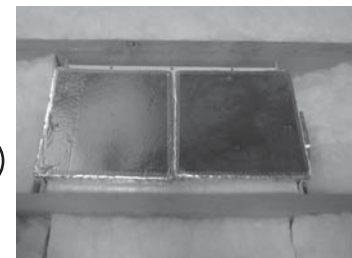
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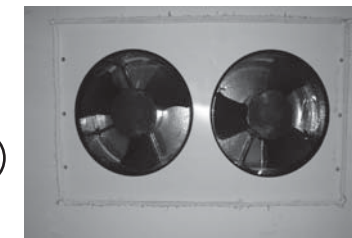
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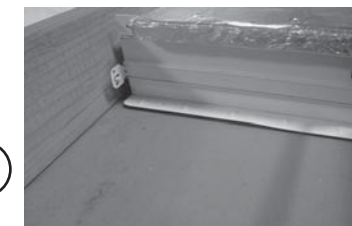
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6



7

8. Secure the the 2 arms on each end of the fan housing using enclosed screws.



9. Remove ceiling grill and screws from its packaging. Center the grill over the ceiling box. Install the grill with the white screws provided by screwing through the flange of the ceiling box. Some ceiling surfaces are uneven and may cause a small gap to be present. This can easily be caulked later if excessive.



10. The installation is now complete except for the electrical work necessary to make them operate.



11. • Connect the black wire from ceiling to the black wire from fan, secure the wire connection with the plastic wire nut provided
• Connect the white wire from ceiling to the white wire from fan, secure the wire connection with the plastic wire nut provided
• Connect the green wire from ceiling to the green wire from fan, secure the wire connection with the plastic wire nut provided

12. **⚠** VERY IMPORTANT!

Make sure the damper will open and close easily and without obstruction

13. Install QuietCool Remote Control System which operates from 1 to 6 fans (Optional feature)

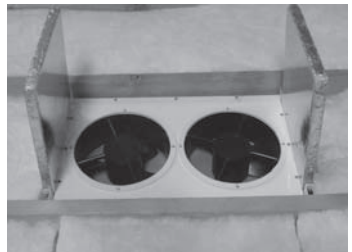
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⚠ Local building codes and standards must be adhered to in the installation of this unit.

⚠ **Avoid Back drafts**

Care should be taken to avoid back drafting combustion appliances that are installed in the conditioned space. It is strongly recommended that combustion appliances NOT be installed in such a manner that they use room air for combustion. Whole house fans are capable of pulling large quantities of air from the home and particularly if not enough windows are open. This could easily back draft gas appliances located inside your home.

12



Key Chain Remotes



Hand Held Remote

13



Fan Module(s)



Controller

Optional Remote Control System