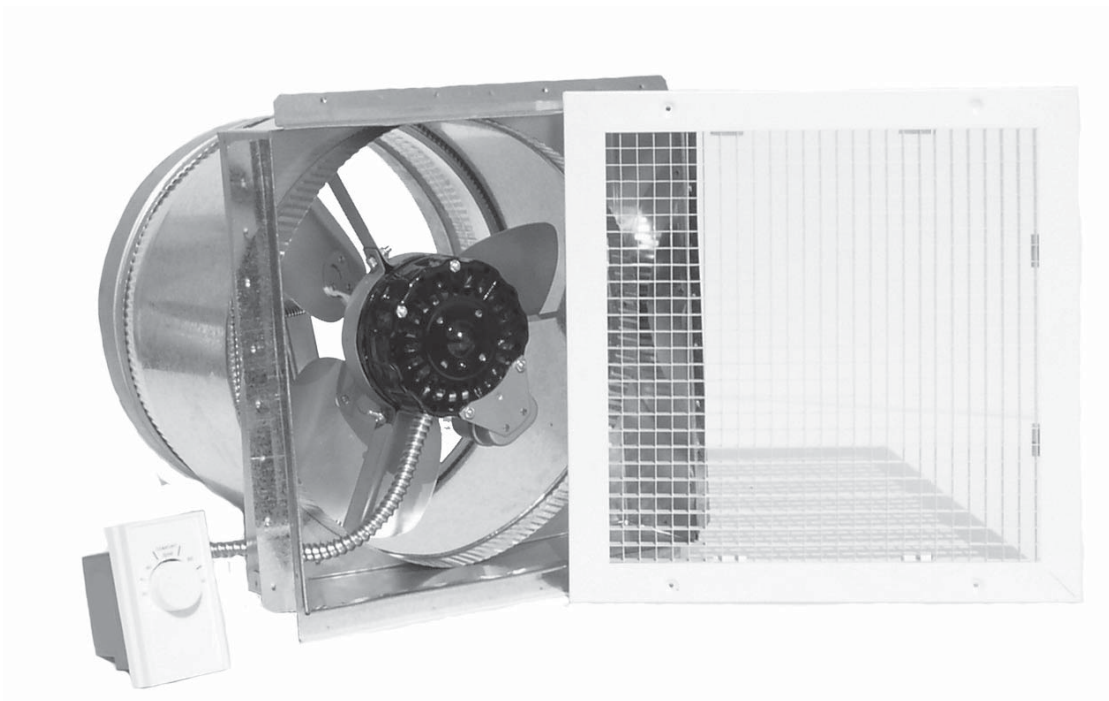




*"The natural choice for energy savings"*

## ***Installation Manual***



### ***Model QC-1500GA Garage to attic mount***

***Read carefully all of this manual prior to installing the fan***

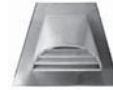
# QuietCool QC-1500 GA garage fan installation instructions

## System Sizing and Venting

FAN	CFM		VOLTS	WATTS		AMPS		NOISE	R	ROUGH	VENTILATES	GARAGE INTAKE
MODEL	HI	LOW	AC	HI	LO	HI	LO	LEVEL	VALUE	OPENING	SQ. FT.	VENTS REQUIRED
QC1500 GA	1,500	1,500	120	150	150	1.3	1.3	56 Dba	N/A	14" x 14"	500 - 700	2 Square Feet

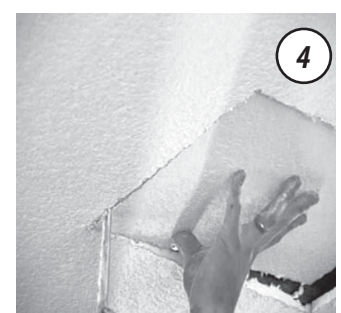
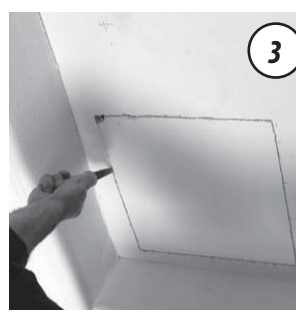
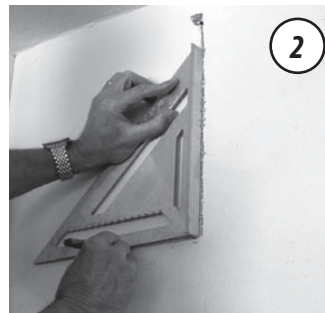
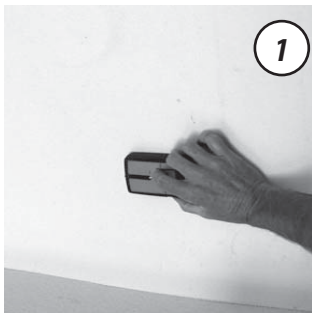
**⚠ VERY IMPORTANT! - 2 SQUARE FEET OF VENTING REQUIRED FOR EACH FAN INSTALLED.**

Vent type	Gable vent	Dormer vent	Eave vent	Ridge vent	Soffit vent
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

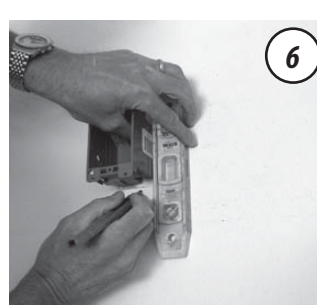
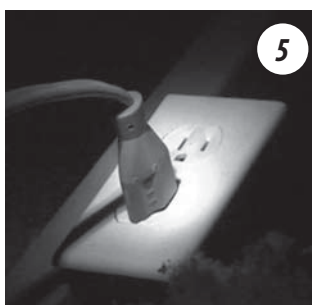


**⚠ VERY IMPORTANT! - MINIMUM OF 26" CLEARANCE REQUIRED ABOVE CEILING FOR INSTALLATION.**

1. Determine in which area you would like to install your QuietCool Fan. Now it's time to find the exact location using a stud finder. Locate the wall studs or ceiling joist and mark the location for the fan to be installed. One side of the cut out should be directly next to a wood member for proper fan mounting and support.
2. When you find the location, mark a 14 1/4" square using a framing square or template. Make sure you have 2 inches of clearance all the way around it. The grill that will be installed later is larger than the cut out area.
3. Starting at one corner of the square using a drywall saw, cut out the opening.
4. Remove the drywall cutout and clear away insulation (if any).



5. Locate a power source for the fan. A garage door opener receptacle or wall receptacle is usually convenient.
6. Locate the position where you want to install the thermostat. Make sure you measure the length of the cable between the motor housing box and the receptacle. Mark and cut out the drywall to accommodate the thermostat electrical box.
7. Insert the fan into the cut out opening and attach the fan using screws through the fan ceiling box into the ceiling joist or wall studs (2 screws on each side). If fan unit is to be placed in the attic through the cut out opening instead of the attic access, you will need to remove the ceiling box flanges and reattach after fan is in attic.



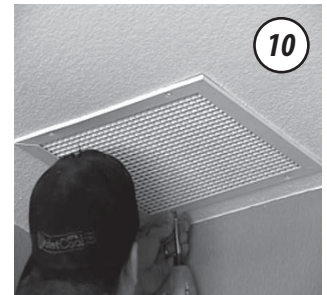
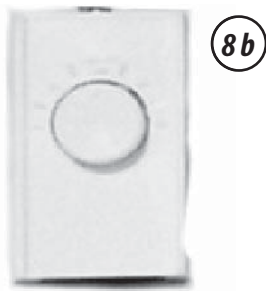
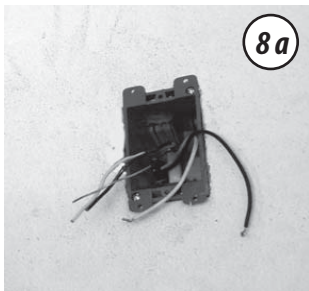
# QuietCool QC-1500 GA garage fan installation instructions (cont.)

8. Complete the wiring connections and install thermostat as per diagram.

9. **⚠ VERY IMPORTANT!**  
*Make sure the fire damper will open and close easily and without obstruction and it is in the open position at time of installation.*

10. Mount the fan grill with the supplied screws.

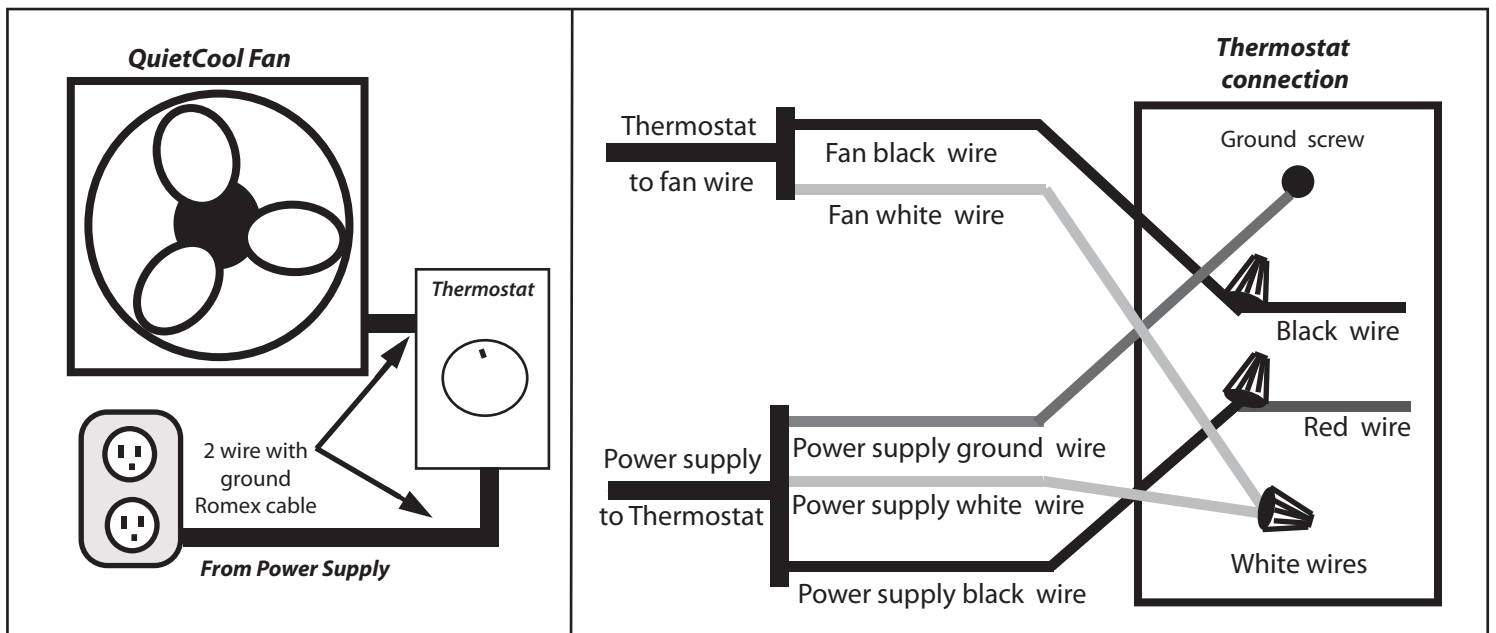
**⚠ VERY IMPORTANT!** *Make sure the fan blade spins freely. This is very important to system operation.*



## ⚠ Avoid Back drafts

Care should be taken to avoid back drafting combustion appliances that are installed in the garage space. It is strongly recommended that combustion appliances NOT be installed in such a manner that they use room air for combustion. QuietCool Garage Fans are capable of pulling large quantities of air from the garage and particularly if not enough venting is available or blocked. This could easily back draft gas appliances located inside your garage.

## Wiring Diagram



Manufactured by



**10 Year Limited Warranty**

QC Manufacturing Inc. extends this warranty to the original purchaser of a QUIETCOOL fan system and/ an ENVIROCOOL cooling system installed and used in a residence under normal conditions within the continental United States.

- A. Ten Year coverage applies to the QuietCool fan assembly. At our option we will repair or replace any part of the assembly should it fail to operate during the first ten years from the date of original purchase. This coverage does not apply to controls such as timers, thermostats and switches.
B. Five year coverage applies to the structural integrity of the EnviroCool cellulose rigid media. We will replace the media should it fail as a result of defective workmanship during the first five years from the date of original purchase. Mineral accumulations nor damage to the media as a result cleaning the media and damage as a result operating the media using softened water are not warranty defects and are not covered by this warranty.
C. One year coverage for all other components including grills, housings, pumps, controls and accessories furnished by QC Manufacturing Inc. At our option, we will repair or replace any part fails as a result of defective material or workmanship during the first year from the date of original purchase.
D. This warranty does not cover any of the following:
1. We are not responsible for any incidental or consequential damage resulting from the operation of our equipment or any malfunction thereof.
2. We are not responsible for the cost of service calls to diagnose the cause of problems or the labor charge to un-install and re-install any components.
3. We are not responsible for any damage resulting from the use of water softeners, chemicals, or de-scale materials.
4. The result of failure or damage due to faulty installation, abuse, misuse, unauthorized alteration, lack of maintenance, or transportation damage.
5. Freight or postage for warranty claims.
6. Any odor that may be noticed from the use of the EnviroCool unit. A slight odor may be noticed during the initial start-up and should disappear within the first few days of operation. Any continuing odors are the cause of faulty operation or faulty maintenance.
E. To obtain service under this warranty, contact the dealer where you purchased the equipment. If you are unable to find or reach your dealer, contact Customer Service, QC Manufacturing Inc., 30724 Benton Road Suite C302-589, Winchester, CA 92596.
F. Please register your product/products for warranty on line at: www.QuietCoolsystems.com/onlineregistration.com

This warranty is the only warranty extended by QC Manufacturing Inc. to purchasers or suppliers of our equipment. QC Manufacturing Inc. disclaims all other warranties, express or implied, that arise by operation of the law. Some states do not allow the exclusion incidental or consequential damages or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you.

**Serial Numbers**

QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_
QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_
QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_ QuietCool \_\_\_\_\_

Product Registration: Please register your product on line at www.QuietCoolsystems.com/registration.htm.