

## LIMITED WARRANTY

Products manufactured by TPI Corporation are warranted to the original consumer to be free from defects in material and workmanship for twelve (12) months from the original purchase date.

The TPI limited warranty does not cover products that have been modified outside of our factory, damage or failure caused by acts of God, abuse, misuse, connected to or placed on other than rated voltage, abnormal usage, fault, installation, failure to follow suggested maintenance procedures enclosed with the product, improper maintenance or any repairs other than those provided by an authorized TPI service center.

There are no obligations or liabilities on the part of the Corporation for consequential damages arising out of or in connection with the use or performance of the product or other indirect damages with respect to loss of property, revenues, profit, costs of removal installation, or reinstatement.

All implied warranties with respect to TPI products, including implied warranties for merchantability and implied warranties for fitness, are limited in duration to twelve (12) months from original date of purchase, except those products or parts of products which are warranted for long periods thereon.

Some states do not allow the exclusions or limitation of incidental or consequential damages and some states do not allow limitations on how long an implied warranty lasts. The above exclusions or limitations may not apply to you.

During the warranty period, TPI Corporation will, at its sole option, repair or replace any defective parts or products returned, freight prepaid, to the TPI Corporation factory or such other locations as TPI Corporation may designate. Returned products must be packaged carefully and TPI Corporation shall not be responsible for damage in transit.

When returning parts, the owner must provide the model number of the product and nature of difficulty being experienced. This warranty does not obligate TPI Corporation to bear the cost of labor in replacing any assembly, unit or component part thereof, nor does the company assume any liability for secondary charges, expenses for installing or removal, freight or damages. There will be charges rendered for product repairs made after the warranty period has expired. Proof of purchase, including date, must accompany request for in-warranty service. In any event, TPI Corporation's maximum liability shall not in any case exceed the list price for the product claimed to be defective. This warranty gives to you specific legal rights and you may have other rights which may vary from state to state. For the name of your nearest authorized TPI Corporation service center, please write to TPI Corporation, P.O. Box 4973, Johnson City, TN 37602.

Heating Products Warranty Coverage	
Elements in Baseboards	10 Years
All Other Heating Products	1 Year
Thermostats and Controls	2 Years
Ventilation Products Warranty Coverage	
Series HD or HDH Fans	5 Years
Series LHP of LHP Fans	3 Years
All other Ventilation Products	1 Year



TPI Corporation  
P.O. Box 4973  
Johnson City, TN  
37602-4973

Rev. 11/20/03  
FORM: 9882

# INSTALLATION INSTRUCTIONS FOR

## GABLE MOUNTED VENTILATORS FOR RESIDENTIAL USE ONLY READ AND SAVE

### WARNING

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

1. Do not attempt to use this fan with any solid state speed control device.
2. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
3. Before servicing or cleaning this unit, switch the power off at the service panel and lock out 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.
4. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
5. The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire and Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air-conditioning engineers (ASHRAE), and the local code authorities.
6. When Cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

### CAUTION

1. This is an automatically operated device and is intended for use with fan facing unoccupied space only!
2. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
3. This unit has an unguarded impeller. Do not use in locations readily accessible to people or animals.
4. Mount with the lowest moving parts at least 2.5 meters above floor or grade level.

### TPI CORPORATION

P.O. BOX 4973

JOHNSON CITY, TN 37602-4973

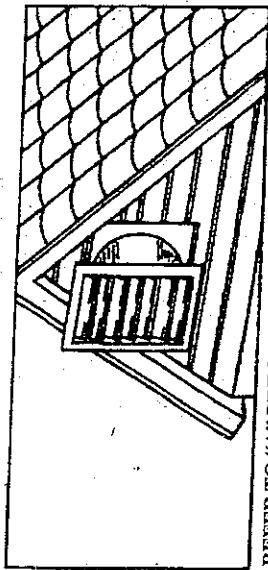
PHONE: (423) 477-4131

FAX: (423) 477-0683

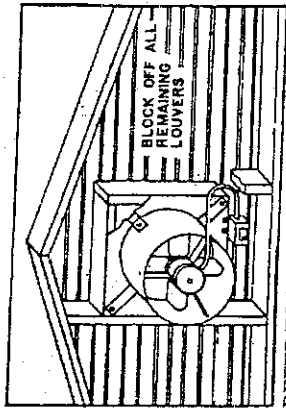
TPI WEBSITE: WWW.TPICORP.COM

PN 8940

# USEFUL INFORMATION

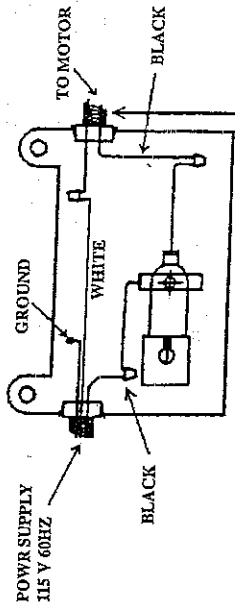


REFER TO "A" PRECEDING PAGE



REFER TO "B" PRECEDING PAGE

## DIAGRAM FOR CONNECTION POWER SUPPLY



CONDUIT SERVES AS GROUND TO MOTOR

## INSTRUCTIONS

This gable mount unit is ideal where roof mounting is impractical. It may be used by mounting to existing louvers or with model AGD-1416B automatic shutters.

These units operate most efficiently when air intakes are around the eaves and require at least 600 sq. inches of net free air intake per unit.

For installation behind existing louvers, follow procedure "C" and then block off the remainder of the louver to insure maximum efficiency.

Using 2 x 4 studs, frame an 18 1/4" square opening (on center) on the attic side of the gable. This opening should be covered on the inside with a thin piece of material 21 1/4" square (masonite, plywood or paneling), having an 15 1/8" circular hole in the center. This will allow the shroud of the fan to enter the hole, but still blocking off the remaining area. With nuts and bolts turned, secure (4) mounting brackets to shroud at necessary location, and fasten unit to 2 x 4 frame.

### FOR MODEL 007 INSTALLATION

Using 2 x 4 studs, frame an 11 1/4" square opening (on center) on the attic side of the gable. This opening should be covered on the attic side with a thin piece of material 14-1/4" square (masonite, plywood or paneling), having an 11" circular hole in the center. This will allow the shroud of the fan to enter the hole, but still blocking off the remaining area. With nuts and bolts turned, secure (3) mounting brackets to shroud at necessary location, and fasten unit to 2 x 4 frame.

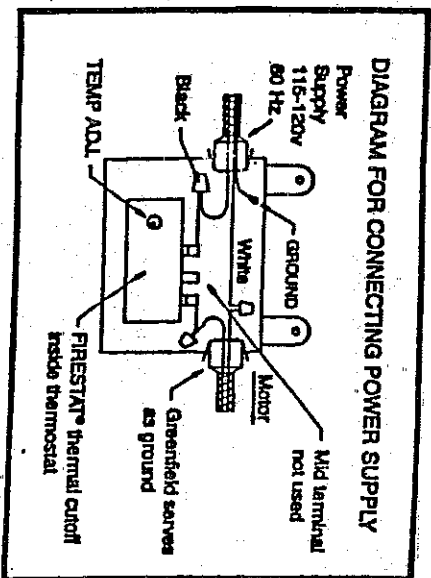
**WARNING!** When installing control box, screw unit in place to prevent damage to thermostat. Wire the unit according to diagram on next page. Be certain to CONFORM TO ALL LOCAL ELECTRICAL CODES AND REGULATIONS. The thermostat is an adjustable FAN-OFF switch. When the dial is set, the fan will shut off at the setting. The fan will start at 15 deg. F above this setting. Our recommended setting is 85 deg. F, meaning the fan will start when the attic temperature reaches 100 deg/ F and Shut off at 85 deg. F.

**LUBRICATION:** Oiling the motor once or twice a year will extend the life of your motor. If the motor requires oiling, oil ports or openings will be located on both motor end plates. Use an SAE 20 non-detergent motor oil.

# INSTALLATION INSTRUCTIONS & WIRING DIAGRAM 415 THERMOSTAT

DIAGRAM FOR CONNECTING POWER SUPPLY  
WIRING DIAGRAM (Not To Scale)

(IF THERMOSTAT HAS THREE TERMINALS  
DISREGARD MIDDLE TERMINAL)

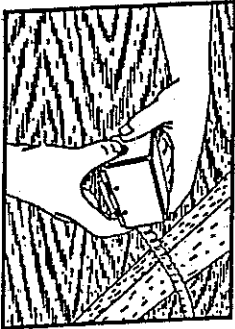


# WARNING

**NOTE: Turn OFF Electrical house current at service entrance before wiring. If you are unfamiliar with methods of installing electrical wiring, secure services of a qualified electrician. All electrical connections must be in accordance with local codes, ordinance or national electrical code.**

Remove the thermostat cover. Connect the leads with the proper size and style wire nut as shown in the diagram on page one.  
**DANGER!** You must attach the ground wire from your power supply to the ground cable hole in the metal box.

**FOR INFORMATION OR ASSISTANCE WITH INSTALLATION PLEASE CALL 1-800-682-3398 BETWEEN 8 a.m. & 5 p.m. EASTERN TIME.**



## LIMITED WARRANTY

Products manufactured by TPI Corporation are warranted to the original consumer to be free from defects in material and workmanship for twelve (12) months from the original purchase date.

The TPI limited warranty does not cover products that have been modified outside of our factory, damage or failure caused by acts of God, abuse, misuse, connected to or placed on other than rated voltage, abnormal usage, fault, installation, failure to follow suggested maintenance procedures enclosed with the product, improper maintenance or any repairs other than those provided by an authorized TPI service center.

There are no obligations or liabilities on the part of the Corporation for consequential damages arising out of or in connection with the use or performance of the product or other indirect damages with respect to loss of property, revenues, profit, costs of removal installation, or reinstatement.

All implied warranties with respect to TPI products, including implied warranties for merchantability and implied warranties for fitness, are limited in duration to twelve (12) months from original date of purchase, except those products or parts of products which are warranted for long periods thereon.

Some states do not allow the exclusions or limitation of incidental or consequential damages and some states do not allow limitations on how long an implied warranty lasts. The above exclusions or limitations may not apply to you.

During the warranty period, TPI Corporation will, at its sole option, repair or replace any defective parts or products returned, freight prepaid, to the TPI Corporation factory or such other locations as TPI Corporation may designate. Returned products must be packaged carefully and TPI Corporation shall not be responsible for damage in transit.

When returning parts, the owner must provide the model number of the product and nature of difficulty being experienced. This warranty does not obligate TPI Corporation to bear the cost of labor in replacing any assembly, unit or component part thereof, nor does the company assume any liability for secondary charges, expenses for installing or removal, freight or damages. There will be charges rendered for product repairs made after the warranty period has expired. Proof of purchase, including date, must accompany request for in-warranty service. In any event, TPI Corporation's maximum liability shall not in any case exceed the list price for the product claimed to be defective. This warranty gives you specific legal rights and you may have other rights, which may vary from state to state. For the name of your nearest authorized TPI Corporation service center, please write to TPI Corporation, P.O. Box 4973, Johnson City, TN 37602.

Heating Products Warranty Coverage	
Elements in Basaboards	10 Years
All Other Heating Products	1 Year
Thermostats and Controls	2 Years
Ventilation Products Warranty Coverage	
Series HD or HDH Fans	5 Years
Series UHP of IHP Fans	3 Years
All other Ventilation Products	1 Year



TPI Corporation  
P.O. Box 4973  
Johnson City, TN  
37602-4973

Rev. 11/20/03  
FORM 9882