

## **READ AND SAVE THESE INSTRUCTIONS FOR THE DUCTSTAT® TEMPERATURE SENSITIVE SWITCH™**

### **IMPORTANT NOTICE**

With the use of any electrical appliance, it is important to observe all basic precautions to minimize the risk associated with use, such as electrical shock, fire, or injury to persons.

### **Read these instructions before using your DuctStat® Temperature Sensitive Switch™**

If you have doubts or are unfamiliar with this type of installation work, seek the services of a qualified electrician.

Suncourt Inc. assumes no responsibility for installation of the DuctStat®.

Never expose the DuctStat® to temperatures over 140°F (60°C).

For your safety and protection follow all instructions and adhere to applicable building and/or electrical codes.

This unit is equipped with a three prong grounded plug. Do NOT attempt to defeat the ground feature of this plug. Defeating this will void the warranty.

Do not use the DuctStat® outdoors.

Do not use the DuctStat® in damp or wet locations.

### **INSTALLATION NOTES**

In order to prevent excessive stress on the mounting screws support the DuctStat® unit when unplugging connected devices.

The DuctStat® is intended to control the automatic On/Off operation of In-Line Duct Fans™ installed in the ductwork of forced air distribution systems.

The DuctStat® can also control the line voltage to any electrical device with a maximum current draw of 5 Amperes.

The DuctStat® is equipped with an external, replaceable 5 AMP fuse to protect the electronic circuitry from overload or short circuits.

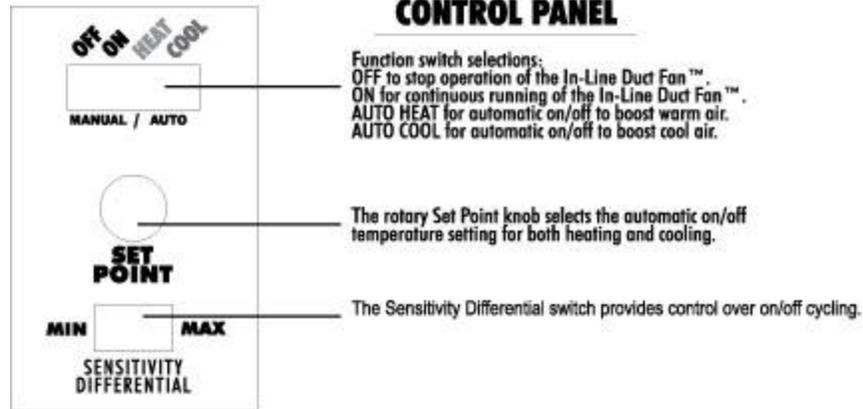
This unit is equipped with a three prong grounded plug. Do NOT attempt to defeat the ground feature of this plug. Defeating this will void the warranty.

## **INSTALLATION INSTRUCTIONS**

1. Locate the position between the In-Line Duct Fan™ and the register where you wish to mount the DuctStat®. Mount between 1 and 10 feet downstream from the In-Line Duct Fan™.
2. Tape the template supplied with the DuctStat® to the air duct to mark the mounting holes to be drilled.
3. Drill a hole in the air duct for the Air Intake Hole shown on the template. This hole should be ½" in diameter.
4. Drill holes in the air duct to line up with the appropriate holes located on the template. On round ducts, two screws placed through the slots in the DuctStat® base will be adequate (placement shown on template). On square or rectangular ducts use four screws, one at each corner of the DuctStat® (placement shown on template).
5. Tighten the supplied screws snugly in the appropriate placement for your ductwork.

## **DO NOT OVER TIGHTEN**

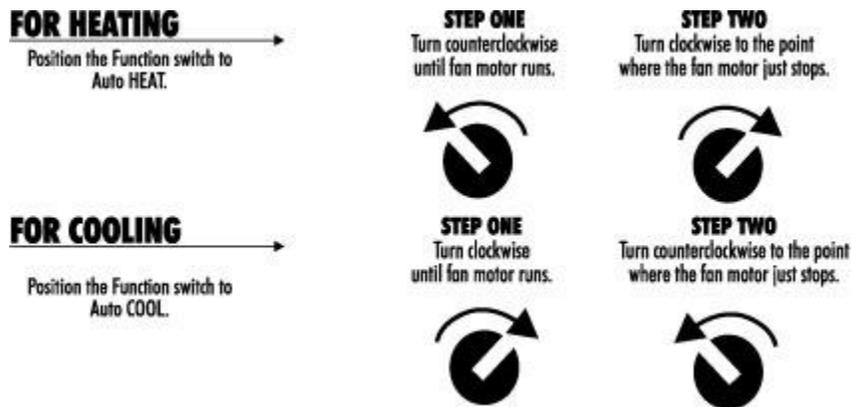
6. Wire a grounded power cord to the In-Line Duct Fan™ and plug into the outlet on the face of the DuctStat® unit.
7. Plug the DuctStat® power cord into a 110 volt grounded household outlet.
8. Follow Operation/Settings to adjust the DuctStat® unit.
9. Always leave the DuctStat® accessible for adjustment and service.



**NEVER EXPOSE YOUR DUCTSTAT TO TEMPERATURES OVER 140°F (60°C)**

**OPERATION SETTINGS**

1. Make sure the blower on your furnace is not running.
2. Set the Sensitivity Differential switch to the MIN position.
3. Set the Function switch to Auto Heat (winter) or Auto Cool (summer).
4. To adjust the In-Line Duct Fan™ motor ON/OFF point rotate the Set Point knob in the proper direction for your heating or cooling application until the In-Line Duct Fan™ motor switches ON, then slightly turn the control knob in the opposite direction until the In-Line Duct Fan™ motor stops. **DO NOT FORCE.**

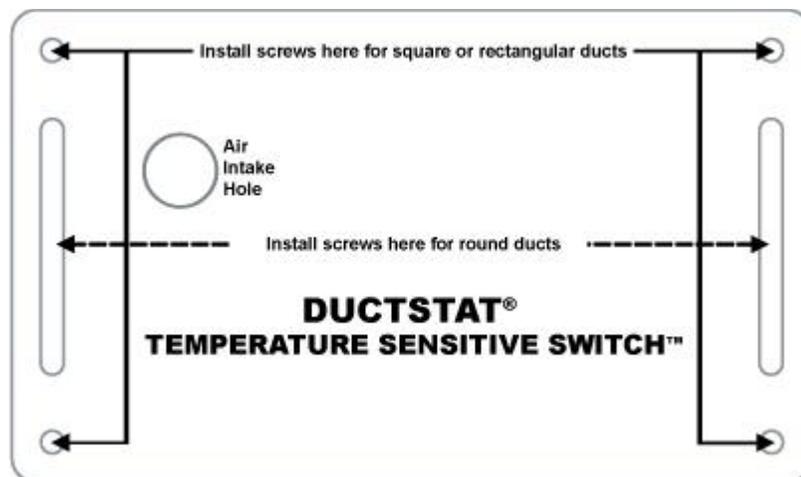


**IMPORTANT NOTE**

To shorten the length of time that your In-Line Duct Fan™ continues to run after the forced air furnace or air conditioner had shut off, rotate the Set Point knob control slightly further, as in Step Two. Should you experience frequent On/Off cycling, move the Sensitivity Differential switch to the MAX position.

## HEAT-COOL SETTING LOGIC

If you want the DuctStat® to turn a device on when the temperature rises above your set point you put it on the heat setting. If you want the DuctStat® to turn a device on when the temperature falls below your set point you will want to put it on its cool setting. The DuctStat® will deactivate when the temperature returns to your predetermined set point.



## ONE YEAR LIMITED WARRANTY

Subject to the following limitations, Suncourt Inc. (manufacturer) warrants that the DuctStat® Temperature Sensitive Switch™ will, for 1 (one) year from date of original retail purchase, but not exceeding two years from date of manufacture, remain free from appearance of defects in workmanship or materials. This warranty is subject to the following limitations: (a) manufacturer's liability is limited to the replacement or repair of the unit, as decided by the manufacturer; (b) a defective unit must be returned, prepaid, with proof of purchase; and (c) this warranty does not apply to defects resulting from the alteration, abuse, accidental damage, unauthorized repair, or misuse of the unit. This warranty is given in lieu of all other warranties, guarantees, and conditions on manufacturer's part, and the manufacturer shall have no tortious or other liability in respect to this DuctStat® Temperature Sensitive Switch™.

Suncourt Inc. reserves the right to change product specifications without notice.

Actual product appearance may differ from illustrations.

Suncourt reserves the right to modify any or all of its products' features, designs, components and specifications without notice.