

# REMOTE EXHAUST CONTROLLER

AT206



TES Drying Systems  
4282 South 590 West  
Salt Lake City, UT 84123  
801-261-1282  
800-658-5314

## INTRODUCTION:

Model AT206 Remote Exhaust Controller is a wireless device designed to be used only in conjunction with E-TES SD units. When the Remote Exhaust Controller is activated, it will allow current to pass through and activate the exhaust fan or other electrical equipment connected to the module.

Manufactured by:  
TES Drying Systems  
4282 South 590 West  
Salt Lake City, UT 84123  
800-658-5314

### **\*\*\*GENERAL SAFETY RULES AND WARNING\*\*\***

**Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire, property damage and/or serious personal injury.**

**⚠ WARNING** : Do not use the Remote Exhaust Controller to control any device where unexpected or unattended start-up or shutdown could cause serious personal injury and/or property damage. Interference, interruptions, or surges in the electrical system, or malfunction may cause unexpected start-up or shutdown of plugged in devices.

**⚠ WARNING** : Do not use the Remote Exhaust Controller to control any device where failure to operate could cause serious personal injury and/or property damage. Interference, interruptions or surges in the electrical system, or malfunction may cause plugged in devices to fail to operate as expected.

**⚠ WARNING** : Do not use the Remote Exhaust Controller to control any medical device. Using the Remote Exhaust Controller to control any type of medical device could result in serious personal injury.

**⚠ WARNING** : Do not use the Remote Exhaust Controller to control any device that exceeds its electrical load rating. Using the Remote Exhaust Controller to control a device that exceeds the electric load rating could result in serious personal injury and/or property damage. **The electrical load rating for the AT206 Remote Exhaust Controller Model AT206 is 12amps at 120 volts AC.**

**⚠ WARNING** : To reduce the risk of electric shock or fire, do not expose the Remote Exhaust Controller to rain or moisture. If the Remote Exhaust Controller is exposed to rain or moisture, immediately disconnect the product from the AC outlet to reduce the risk of electric shock or fire and consult authorized service personnel.

**⚠ WARNING** : To reduce the risk of electric shock, do not disassemble the Remote Exhaust Controller. No user-serviceable parts are inside.

**⚠ WARNING** : To reduce the risk of electric shock, this equipment has a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way. Do not use any type of plug adaptor with this product.

## **NOTICE**

: If unintended operation of any Remote Exhaust Controller is observed, unplug all controls immediately until the source of the interference is identified and eliminated. If you cannot identify the source of interference by talking with others who are using another wireless device system, or if you have any questions about identifying or eliminating interference, please call TES Drying Systems at 1-800-658-5314 before plugging in or using any Remote Exhaust Controller.

Remember to exercise good common sense when using your Remote Exhaust Controller with your E-TES SD system. Especially when attaching unattended devices to the system. There can be unexpected consequences if the Remote Exhaust Controllers are not used with care. For example, the exhaust fan or other electrical device connected to the control can be remotely turned on due to unintended operation or interference from a neighboring untrained E-TES SD system or other radio frequency source. If that should happen, your fan or other device could be damaged which in turn could cause a fire or create a risk of electrical shock.

**DO NOT USE** the Remote Exhaust Controller for the control of medical devices, heating appliances, such as portable heaters, or any other appliance or device that could cause physical injury or property damage if turned on or off while unattended.

**DO NOT USE** the Remote Exhaust Controller for the control of any appliance or device that could cause physical injury or property damage if it fails to operate as expected. Interference, interruptions or surges in the electrical system, or malfunction may cause plugged in appliances or devices to fail to operate as expected. For these reasons, it is important to read, understand and follow all instructions in this manual, and to consider carefully the potential consequences of unattended or unexpected operation, or failure to operate, of an appliance or device before you attach it to a Remote Exhaust Controller.

## **NOTICE**

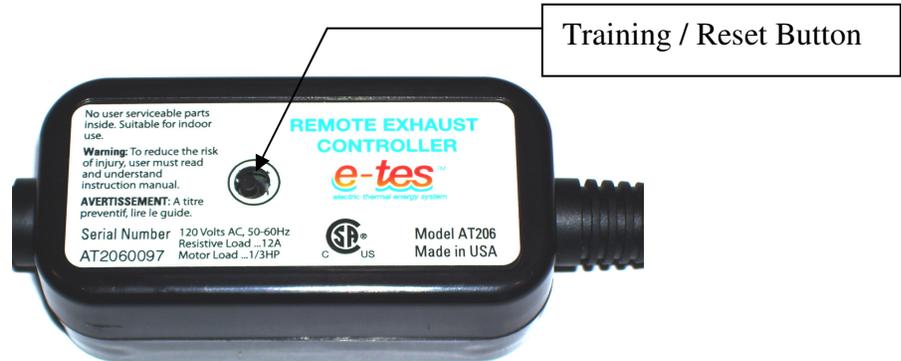
: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction. Many cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the TES Drying Systems or an experienced radio/TV technician for help.

# INSTRUCTIONS:

The wireless Remote Exhaust Controller must be trained for use with each E-TES SD unit. Each E-TES SD unit sends a specific radio frequency signal and the Remote Exhaust Controller must be trained to respond to that signal.



## Wireless Remote Exhaust Controller Training Procedure:

1. Plug the wireless Remote Exhaust Controller into the wall.
2. Press the Training/Reset button until a small detent is felt. Hold the switch in the depressed position for the next step.
3. Turn the E-TES SD unit power switch to the ON position. Scroll through the menu to the REMOTE SETUP screen and press the SELECT button. This will send a radio frequency signal from the E-TES SD unit to the Remote Exhaust Controller.
4. Once the Remote Exhaust Controller receives the RF signal from the E-TES SD unit and turns ON, it is permanently trained to that transmitting device.
5. As long as the button is pressed, you can send signals from up to 16 E-TES SD units to be associated with and control that Remote Exhaust Controller, if you want multiple E-TES SD units to activate the same Remote Exhaust Controller. Release button when training is completed

When using multiple E-TES SD units on the same job, turn off all units that are not supposed to trigger the exhaust fan during the training procedure to prevent the other units from sending inadvertent signals to the control and preventing proper control of your exhaust fan.

The training procedure does not remove training from previous jobs with other E-TES SD units. If you want to prevent your Remote Exhaust Controller from accepting signals from other previously trained E-TES SD units, the wireless Remote Exhaust Fan Control can be reset back to factory defaults, erasing all previous training by executing the following reset procedure. In the factory default mode, the module does not recognize any E-TES SD wireless signal. The first time the module receives a wireless signal, it will automatically recognize that and only that device.

### **Wireless Reset Procedure:**

1. Without plugging the Remote Exhaust Controller into the wall outlet, press the Training/Reset button until a small detent is felt and hold the button in.
2. While still pressing in and holding the Training/Reset button, plug the Remote Exhaust Controller into the wall outlet.
3. The unit will now be in the factory shipped state with no trained devices in its memory. The training procedure will have to be repeated for any E-TES SD unit to be used with the reset Remote Exhaust Controller.

### **One E-TES SD can control multiple Remote Exhaust Controllers:**

To do this, reset all Remote Exhaust Controllers, using the procedure shown above, activate the E-TES SD by entering the REMOTE SETUP screen so it starts transmitting; all Remote Exhaust Controllers will be trained to the first E-TES SD wireless signal received.

### **Multiple Remote Exhaust Controllers and Multiple E-TES SD Units:**

In most cases you will only want each Remote Exhaust Controller to be activated by a single E-TES SD unit. This can be achieved by systematically training one Remote Exhaust Controller with one E-TES SD, then moving on to the next Remote Exhaust Controller. Turn all other E-TES SD units off while you train each Remote Exhaust Controller, to prevent an inadvertent signal from another unit from also reaching that Remote Exhaust Controller during the training procedure.

If you want to control a single or multiple Remote Exhaust Controllers with multiple E-TES SD units, it is possible for each Remote Exhaust Controller to recognize 16 unique E-TES SD transmitters. As long as the training/reset button is pressed and held, you can send signals from all the E-TES SD units to be associated with and control that Remote Exhaust Controller. Release button when training is completed

# Remote Exhaust Controller Troubleshooting

Problem	Cause	Solution
Remote Exhaust Controller Will Not Activate	Unit not trained to the E-TES SD sending the signal	Repeat wireless Remote Exhaust Controller training procedure to operate with the desired E-TES SD
	E-TES SD not programmed properly	Reprogram E-TES SD to proper activation temperature
	E-TES SD not sending a signal	Contact TES Drying Systems for advice or assistance
	Outlet not Powered	Reset Circuit breaker or move control to another outlet
	Fan not turned ON	Turn fan switch on
	Air Temperature Probe not connected	Connect Air Temperature Probe to the E-TES SD
	Faulty Controller	Replace the Remote Exhaust Controller
Remote Exhaust Controller Activates too soon or too often	Unit getting signal from another E-TES SD	Reset the wireless Remote Exhaust Controller and train unit to operate with only the desired E-TES SD.
	Unit getting signal from another radio frequency source	Identify and remove the other radio frequency source or relocate the Remote Exhaust Controller
	E-TES SD not programmed properly	Reprogram E-TES SD to raise activation temperature
	Faulty Controller	Replace the Remote Exhaust Controller
	Faulty E-TES SD	Contact TES Drying Systems for advice or assistance
Remote Exhaust Controller does not turn Off	Unit getting signal from another E-TES SD	Reset the wireless Remote Exhaust Controller and train unit to operate with only the desired E-TES SD.
	Unit getting signal from another radio frequency source	Identify and remove the other radio frequency source or relocate the Remote Exhaust Controller
	E-TES SD not programmed properly	Reprogram E-TES SD to raise activation temperature
	Faulty Controller	Replace the Remote Exhaust Controller
	Faulty E-TES SD	Contact TES Drying Systems for advice or assistance