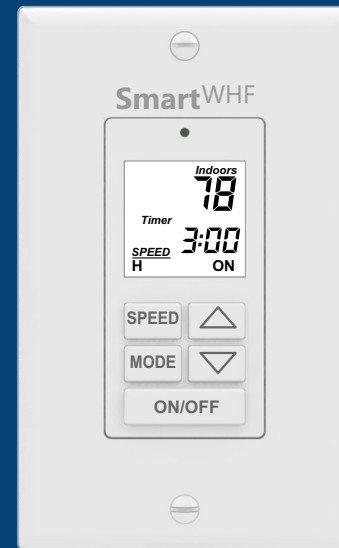


The WTT Wall Control controls the whole house fan using temperature or timer control. Temperature control optimizes your comfort and energy savings by never overcooling your home and only running the fan when needed.

Take a few moments to read the QuickStart and get familiar with the wall control.

Before operating your whole house fan, be sure to open windows and close fireplace dampers. Refer to your whole house fan manual for more information regarding operating your fan.



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Things To Know

Timer or Temperature Operation

The wall control features Timer or Temperature operating modes. When switching between modes during fan operation, the fan will turn off as a safety precaution. Simply turn the fan back on in the newly selected mode.

Key Operation

The wall control responds best when a key is pressed in a thoughtful manner - Observe the change on the display. A quick tap could be missed and pressing too hard could damage the key.

Saving Changes

Changes are saved and communicated when the backlight goes off. Trying to make too many changes at once may not get the result you're looking for. Be sure to allow the wall control to save your change by observing the backlight turning off.

Recommended Operating Temperatures

20°F to 140°F. Extreme temperatures can damage electronic components and may cause the fan to come on. For areas with extreme temperatures, the fan can be plugged into a smart switch, wired to a switch, or plugged into an outlet already wired to a switch so the fan can be turned off during adverse conditions.

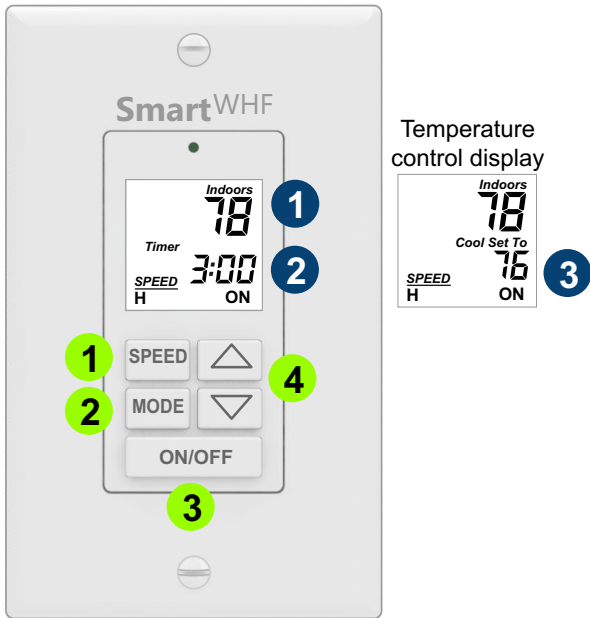
Surge Protector

Because the wall control is a more sophisticated control than a standard line voltage timer and electrical wiring in homes varies, some installations benefit by adding a surge protector to the fan installation.





Homeowner Resources

Visit eControlsUSA.com for Homeowner Resources such as videos, manuals, etc.

UNDERSTANDING YOUR WALL CONTROL



Key Operation

- 1 Press the SPEED key to change the fan speed.
- 2 Press the MODE key then press either the UP  or DOWN  key to switch between Timer Mode and Temperature Mode.
- 3 Press ON/OFF to turn the fan on or off.
- 4 Press the UP key  or DOWN key  to adjust the Timer Hours or the Cool Set To temperature.



Display

- 1 Displays the indoor temperature where the remote is located.
- 2 Timer Hours.
- 3 Cool Set To is the temperature that you want the house to cool to.

OPERATING YOUR FAN

Select how you would like to operate your fan - Timer or Temperature Mode and follow the simple instructions to start Timer or Temperature fan operation. Make sure windows are open before operating your whole house fan.

TIMER MODE



Press the **MODE** key then press either the  or  key to select Timer Control (shown below). When switching between modes, the fan turns off.

Timer Mode operates using a timer set from 1 to 12 hours (factory set to 3 hours). The ON/OFF key is used to start timer operation. The fan will turn on and run for the time displayed.

START TIMER OPERATION

Press the **ON/OFF** key to display ON.

ADJUST THE TIMER SETTING



Press and hold the  or  key to adjust the Timer Setting.

- Adjusting the Timer while the Fan is On sets the Timer for just that operation.
- Adjusting the Timer while the fan is Off sets a preferred timer setting that will be used each time the fan is turned on.



OPERATING YOUR FAN

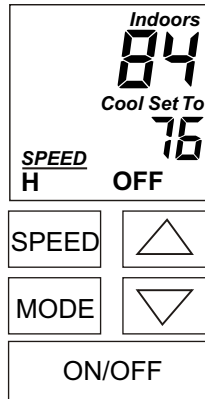
TEMPERATURE MODE

Press the **MODE** key then press the  or  key to select Temperature Control (shown below). When switching between modes, the fan turns off.

Temperature Mode operates using the Indoor temperature and the Cool Set To temperature. The ON/OFF key is used to start temperature operation. The fan will turn on when the Set To temperature is below the Indoor temperature. Once the Indoor temperature drops below the Set To temperature the fan will turn off. If the Indoor Temperature rises a couple of degrees above your Set To Temperature, the fan will again turn on to continue to cool your home to just below your Set To Temperature. Set To is adjustable from 60° to 95°.

START TEMPERATURE OPERATION

Press the **ON/OFF** key to display ON.



ADJUST SET TO TEMPERATURE

Press and hold the  or  key to adjust the Set To temperature.

- In Temperature Mode, a built in Safety Timer will automatically turn the fan off after 8 hours. To adjust the Safety Timer hours, see Options.

CHANGE FAN SPEED

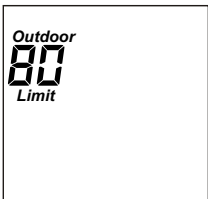
Press and hold the **SPEED** key until the desired speed is displayed then release.

If the number of speeds available does not match the number of speeds of your fan, see Troubleshooting.



OPTIONS

OUTDOOR TEMPERATURE LIMIT

Only displayed if the optional TS3J Outdoor Temperature Sensor is installed (see page 4 for more information on the TS3J sensor). Fan operation will be delayed in both Timer and Temperature Mode until the outdoor temperature drops below the limit set. Default limit is 80°. Adjustable from 60° to 99°. LIMIT will be displayed when operation is inhibited because the outdoor temperature limit is too high.

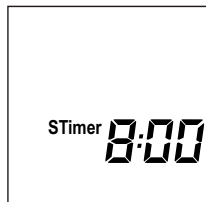


Access Options- Press and hold the **MODE** key to display the options.



- Press the  or  key to change the outdoor temperature limit. The change is saved when the backlight turns off.

SAFETY TIMER HOURS

The built in safety timer runs in the background in Temperature Mode and automatically turns the fan off after 8 hours in case you forget. Default is 8 hours. Adjustable from 1 to 16 hours. The Safety Timer can be turned Off although not recommended.



Access Options- Press and hold the **MODE** key to display the options.

- If STimer is not displayed, press the **MODE** key until STimer is displayed.
- Press and hold the  or  key to adjust the safety timer hours. The change is saved when the backlight turns off.

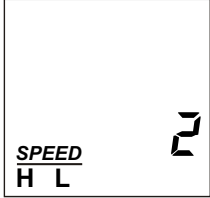
Options continued on page 4.

OPTIONS



The following options are usually set by the installer. Changing these options could cause your fan not to operate correctly.

NUMBER OF FAN SPEEDS

The number of fan speeds selected is dependent on the type of fan installed - 1-Speed, 2-Speed or 3-Speed fan. Factory set to a 2-speed fan.



Access Options- Press and hold the **MODE** key to display the options.



- Press the **MODE** key until Speed is displayed.
- Press the  or  key to change the number of speeds. The change is saved when the backlight turns off.

HIGH SPEED START

For some installations, a low speed start may not be adequate to fully open the damper doors. When this option is set to ON and starting the fan in low speed, the fan will start in high speed to open the damper doors and after about 10 seconds will return to the low speed setting. Default is Off.



Access Options- Press and hold the **MODE** key to display the options.

- Press the **MODE** key until HSS is displayed.
- Press the  key to turn the option on or the  key to turn the option off. The change is saved when the backlight turns off.

TROUBLESHOOTING

I'm hitting the keys but the display isn't changing.

Make sure you're pressing the key in a thoughtful manner, observing the change on the remote then releasing the key.

The wall control indicates the fan is On but the fan is not running.

- If in temperature mode, make sure the Set To temperature is below the Indoor temperature.
- If an outdoor temperature sensor is installed, the outdoor temperature may be above the limit and delaying fan operation. LIMIT will be displayed.
- Make sure the fan is powered.

The fan does not turn off.

Remove power to the fan either at the fan or at the breaker. Check the wiring.

Fan speeds not working

Make sure the Number of Fan Speeds has been set correctly for the type of fan installed - Either 1-Speed, 2-Speed or 3-Speed. See Options, Number of Fan Speeds.

If the type of fan has been set correctly but a speed is not working, check the wiring.

The display is not lit.

Check power to the fan.

The damper doors aren't opening up.

See Options in the WTT, High Speed Start. If the dampers don't open in High Speed, contact the fan manufacturer.

For additional assistance, please contact us at 949-916-6701 and have the version number located on the front of this manual handy.

Warranty

This fan control is warranted to be free of defects due to workmanship or materials under normal use and service for a period of 5 years from date of installation and not longer than 6 years from manufacturing date code.

eControls

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