

The WTT Wall Control features Timer and Temperature control. Temperature control improves comfort by never overcooling the home and maximizes energy savings by only running the fan for as long as needed.

Take a few minutes to read the manual and get familiar with the WTT Wall Control operation.

*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.*



WTT Wall Control

FC3J Fan Control

Cable

### FAN OPERATION

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### Understanding Your Wall Control

**Temperature Control Display**

**UP/DOWN Keys**  
Press and Hold to adjust the Timer Hours or the Cool Set To Temperature.

**ON/OFF Key**  
Press to turn fan ON or OFF.

**MODE Key**  
Press and Release the MODE key then press the UP key to select Timer or Temperature Control

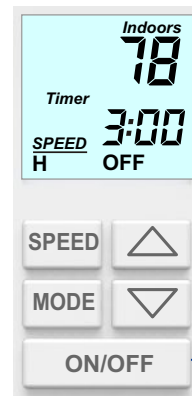
**SPEED Key**  
Press & Hold to select fan speed.

### TIMER CONTROL - Turn Fan ON or OFF

Timer Control operates using a timer set from 1 to 16 hours (factory set to 3 hours). You can also set the timer to Off so the fan runs continuously.

#### SELECT TIMER CONTROL MODE

▶ **Press and Release** the **MODE** key then **Press** the **UP** key to select Timer Control. Display will indicate **Timer**.



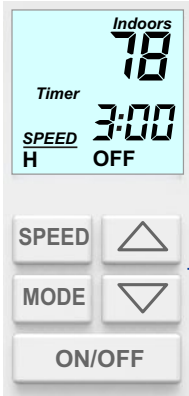
**Press** the **ON/OFF** Key to turn the fan ON.

Fan turns on and runs until the timer expires. ON blinks while the fan is running.

**Press** the **ON/OFF** Key to turn the fan OFF at any time.

# FAN OPERATION

## TIMER CONTROL - Adjust Timer Setting



Press and Hold the UP or DOWN key to adjust the timer setting.

Adjusting the Timer while the Fan is ON sets a Timer for just that operation.

Adjusting the Timer while the Fan is OFF sets the Timer setting as the default that will be used each time the fan is turned on.

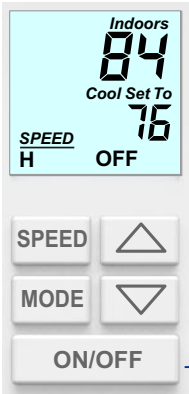
The timer can also be turned off. Press and Hold the DOWN key until OFF is displayed. The fan will run continuously until you turn the fan OFF.

## TEMP CONTROL - Turn Fan ON or OFF

In Temperature Mode, the Indoor temperature and the Cool Set To temperature are used to control fan operation. The ON/OFF key is used to start temperature operation. The fan will turn on when the Cool Set To temperature is below the Indoors temperature. Once the Indoors temperature drops 2° below the Cool Set To temperature the fan will turn off. If the Indoors temperature rises 2° above your Cool Set To temperature, the fan will turn back on to continue to cool your home. The Cool Set To Temperature is adjustable from 50° to 95°.

### SELECT TEMPERATURE CONTROL MODE

Press and Release the MODE key then Press the UP key to select Temperature Control. Display will indicate Cool Set To.



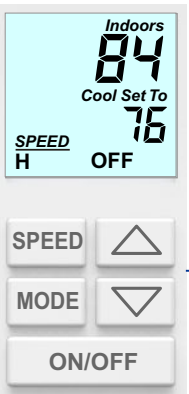
Press the ON/OFF key to turn the fan ON.

Fan turns on and runs until the Indoors Temperature drops just below the Set To Temperature and then turns off. ON blinks while the fan is running and displays as solid when the fan is idle.

Press the ON/OFF key to turn the fan OFF at any time

Temperature Control includes a Safety Timer that runs in the background. For more information, see OPTION Safety Timer on Page 3

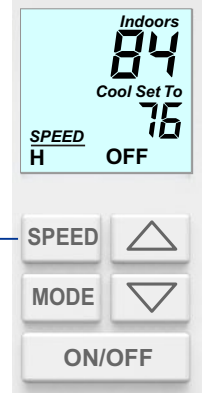
## TEMP CONTROL - Adjust Set To Temperature



Press and Hold the UP or DOWN key to adjust the Cool Set To Temperature.

## CHANGE FAN SPEED

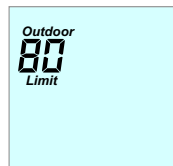
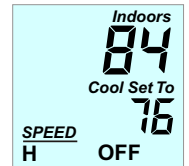
Press and Hold the SPEED key to cycle through the available speed settings then release at your desired speed.



## OPTION - Outdoor Temperature Limit

This option is displayed only if the optional TS3JB Outdoor Temperature Sensor has been installed and is used to adjust the outdoor temperature limit. When the outdoor temperature sensor is installed, fan operation is delayed in both Timer and Temperature Control until the outdoor temperature drops below the limit set. Default limit is 80 degrees. Adjustable from 60 to 99 degrees. LIMIT will be displayed when operation is inhibited because the outdoor temperature is too high.

Press and Hold the MODE key to access the Outdoor Temperature Limit option.



Press and Hold the UP or DOWN key to adjust the number of hours.

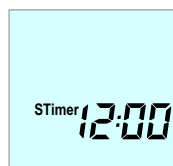
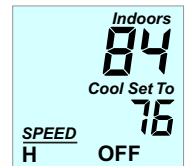
The option is saved when the backlight turns off.

## OPTION - Safety Timer

This option is used to adjust the Safety Timer hours. The Safety Timer runs in the background of Temperature Control and automatically turns the fan and wall control to an OFF position the following morning. Factory Default - 12 hours. Adjust from 1 to 16 hours, or Off (not recommended).

Press and Hold the MODE key to access the options.

Press and Release the MODE key until the Safety Timer option is displayed.



Press and Hold the UP or DOWN key to adjust the number of hours.

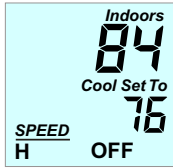
The option is saved when the backlight turns off.

# FAN OPERATION

## OPTION - Number of Fan Speeds

This option is used to set the number of fan speeds for the type of fan installed - 1-Speed, 2-Speed or 3-Speed fan.

- **Press and Hold** the **MODE** key to access the options.
- **Press and Release** the **MODE** key until the Number of Fan Speeds option is displayed.



- **Press and Hold** the **UP** or **DOWN** key to adjust the number of speeds.
- The option is saved when the backlight turns off.

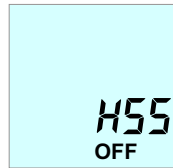
## OPTION - High Speed Start

The High Speed Start option can be used if a low speed start doesn't adequately open the damper doors.

The High Speed Start option defaults to OFF. *DO NOT USE THIS OPTION IF YOU HAVE A POWER DAMPER.*

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.

- **Press and Hold** the **MODE** key to access the options.
- **Press and Release** the **MODE** key until the High Speed Start option is displayed.



- **Press** the **UP** key to turn the option on or the **DOWN** key to turn off.
- The option is saved when the backlight turns off.

# INSTALLATION

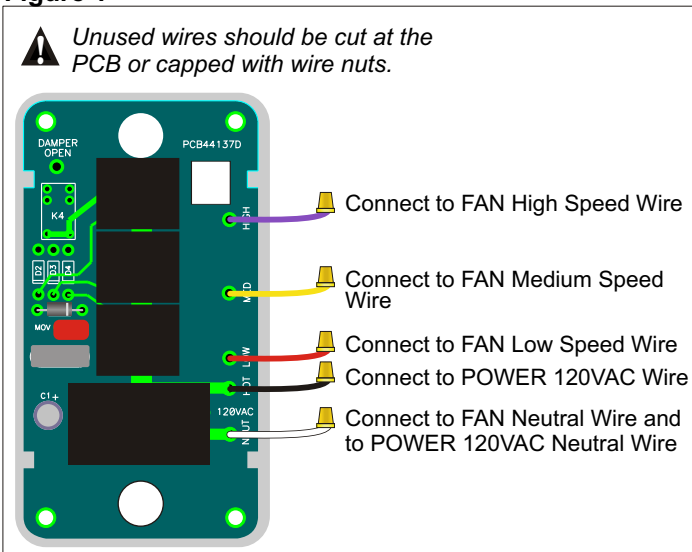
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## STEP 1. Wire FC3J

- Wire the FC3J to the fan using the diagram below as a guide. See Figure 1. If the FC3J fan control is already installed on the fan, go to STEP 2.

Figure 1



## STEP 2. Attach FC3J to Junction Box

- Use the screws included to secure the FC3J to the junction box on the fan making sure there are no exposed wires and the fan control is securely inside the electrical box. Failure to do so could result in electrical shock. See Figure 2.

Figure 2



## STEP 3 Power the Fan

- Apply power to the fan. If the fan automatically starts up, remove power and check the wiring.

# INSTALLATION

## STEP 4 Test Fan Operation in Attic

**BEFORE** running the cable in the wall, it's important to test fan operation in the attic using the WTT Wall Control.

The black cap on the plug&play cable helps protect the connector when running the cable in the wall. For testing, remove the black cap but **DO NOT DISCARD**.

- Plug the plug&play cable into the connector on the FC3J Fan Control.
- Plug the other end of the cable into the connector on the back of the WTT Wall Control. The display should be lit.
- Press the **ON/OFF** key to turn the fan ON. The WTT displays ON (blinking), the Speed setting and the Timer hours.
- Press and Release the **SPEED** key to test each available speed. Medium speed will only be available if the fan has 3 speeds and the Number of Fan Speeds Option has been set to 3.
- Press the **ON/OFF** key to turn the fan OFF.
- Disconnect the cable from the FC3J or Fan Control Box.
- Disconnect the cable from the WTT Wall Control and reattach the black cap to the end of the cable to protect the connector.

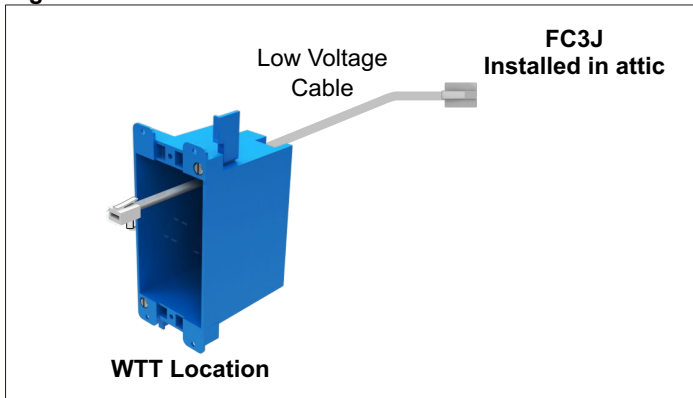
## STEP 5 Run Low Voltage Plug&Play Cable

**CAUTION WHEN RUNNING THE CABLE IN THE WALL**  
Damaging the cable during installation could affect fan operation.

**DO NOT RUN THE CABLE IN THE WALL BEFORE COMPLETING STEP 4.**

- Make sure the black protective cap is back in place. Feed this end of the cable through the wall to the WTT Wall Control location, then feed the cable through the opening in the gang box. See Figure 3.
- Insert the gang box into the wall opening and secure.

Figure 3



## STEP 6 Install the Wall Control

- Remove the black cap from the end of the cable and plug the cable into the connector on the back of the WTT Wall Control. It may be marked with a red dot. See Figure 4.
- Attach the WTT to the plastic gang box using the screws provided. Attach the wall plate to the WTT using the screws provided. See Figure 5.

Figure 4

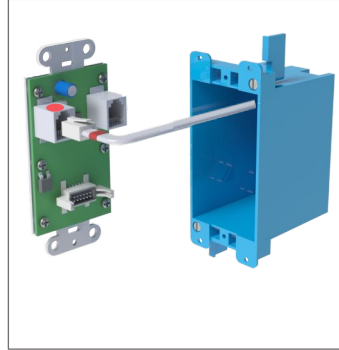
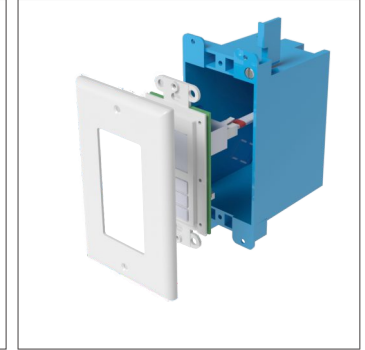


Figure 5



- In the attic, plug the cable back into the FC3J Fan Control.

## STEP 7 Test Fan Operation

- Press the **ON/OFF** key to turn the fan ON. The WTT displays ON (blinking), the Speed setting and the Timer hours.
- Press and Release the **SPEED** key to test each available speed. Medium speed will only be available if the fan has 3 speeds and the Number of Fan Speeds Option has been set to 3.
- Press the **ON/OFF** key to turn the fan OFF.

Pat. Pending



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