

INSTALLATION AND OWNER'S MANUAL

RTS-W – 20, 40, 60 minutes Wireless Timer



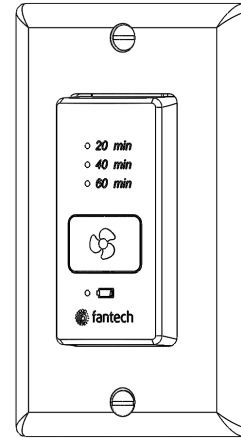
fantech®
a systemair company

***Compatible with ECO-Touch IAQ Only**

OVERVIEW

The RTS-W is a battery operated wireless timer switch that can be used with an ECO-Touch IAQ wall control to wirelessly activate its highest ventilation rate for 20, 40 or 60 minutes.

It is designed to fit in a single-gang box and comes with screws to mount it and a Decora® plate.



INSTALLATION

Battery

This timer comes with a CR2450 battery cell which must be installed in the timer before pairing to the ECO-Touch IAQ wall control.

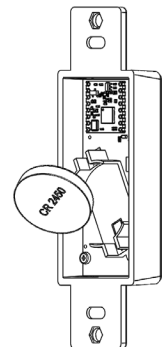
Note: Ensure that the metal pins on the "GND" side of the battery holder sit below the battery cell (on the "-" side) and the metal pins on the "VE" side of the battery holder sit above the battery cell (on the "+" side). Make sure the metal pins on the "VE" side of the battery holder are not bent flat, they must contact the top of the battery cell.

Battery Replacement

Over time, the battery will need to be replaced, only replace with CR2450 3V type batteries.

Timer Pairing

This timer can be paired only to a Fantech HRV/ERV via the ECO-Touch IAQ wall control. The timer should be paired to the ECO-Touch IAQ wall control prior to mounting the timer to the wall in its final location.



Pairing steps:

1. Install the battery in the timer as described above
2. Make sure ECO-Touch IAQ is installed in its final location, properly connected to the HRV/ERV and powered ON (see ECO-Touch IAQ installation instructions for more information).
3. On the ECO-Touch IAQ control, press on the "Options" section at the bottom of the screen then press on "Next" during the initial 5 second countdown sequence to enter the user options.
4. Press on "next" until you enter the pairing screen. The pairing screen shows the word "pt0" at the bottom where "0" is the current amount of paired timers.

Note: As you pair more timers, this screen will show the current number of paired timers (ie: pt1, pt2, etc.)

5. While on this screen, press and hold the activation button for 5-10 seconds on the wireless timer you wish to pair to this ECO-Touch IAQ wall control. No button press is required on the ECO-Touch IAQ to pair the timer.

Note: Timers can ONLY be paired while the ECO-Touch IAQ is on the "paired timer" screen within the options menu.

6. If pairing is a success, the wireless icons will flash on the ECO-Touch IAQ wall control screen and the count of paired timers will increase by 1 on the display. Also, the LEDs on the timer being paired will flash in sequence from 20, to 40, to 60 minutes, and finally all 3 will flash together once to indicate the pairing is successful.
7. Once all timers have been paired, leave the options menu by pressing on "Next" until the 5 second countdown screen and let the timer expire. Timers can only be activated and tested if the ECO Touch IAQ is not in the options menu.
8. Test the timer in its final location before permanently installing to the wall to ensure it is within operational range of the ECO-Touch IAQ.

Note: Up to 8 timers can be paired to the ECO-Touch IAQ wall control at one time.

Timer Un-pairing

Sometimes it becomes necessary to un-pair the wireless timers from the ECO-Touch IAQ wall control. This can be done from the "UNP" screen within the options menu by holding down on "NEXT" for 5-10 seconds on this screen.

Operational Range

The wireless range of the timer to the ECO-Touch IAQ wall control is about 50 feet however each wall/floor or other types of obstacles between the wireless timers and the ECO-Touch IAQ can reduce the range by 10 or more feet. Test the timers at their desired final locations before doing final installation.

For very long distances, it may be required to use a wired timer instead.

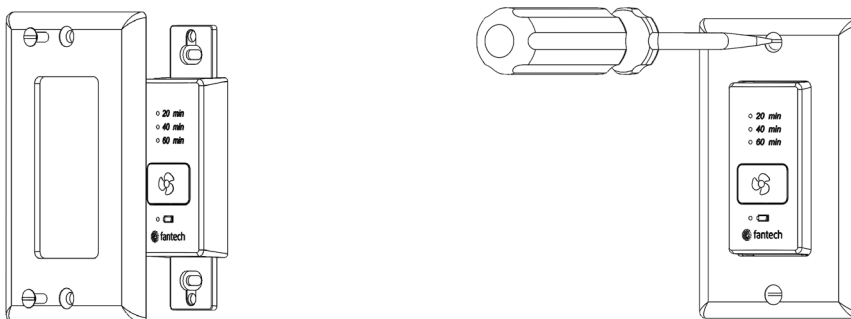
Timer Installation

The timer can be installed to a gang electrical box or directly onto drywall using drywall anchors (not provided).

Note: It is recommended to use a plastic gang electrical box for timer installation as metal boxes will reduce operational range.

Securing the RTS-W to the wall

1. Mount the timer to the single-gang box using the provided screws.
2. Mount the Decora® plate onto the RTS-W using the provided screws.



OPERATING THE RTS-W

- Pressing the PUSH button once will activate the highest ventilation rate of the HRV / ERV for 20 minutes. Once pressed, the green light will flash once, and remain on for approximately 5 seconds, then it will periodically flash for a brief moment indicating the remaining timer duration.
- Pressing the PUSH button twice will activate the highest ventilation rate of the HRV / ERV for 40 minutes. Once pressed, the green light will flash once, and remain on for approximately 5 seconds, then it will periodically flash for a brief moment indicating the remaining timer duration.
- Pressing the PUSH button three times will activate the highest ventilation rate of the HRV / ERV for 60 minutes. Once pressed, the green light will flash, and remain on for approximately 5 seconds, then it will periodically flash for a brief moment indicating the remaining timer duration.
- Pressing the PUSH button again while it is set to the 60 minute duration will cancel the timer.
- Once the time expires or if the timer is canceled, the HRV / ERV will return to its normal ventilation capacity, as set on the principal ventilation control and the green light will turn off.

Low Battery Indication

A red led will periodically illuminate next to the "Low Battery" icon on the timer when the time comes to replace the battery.

TROUBLESHOOTING

Symptom	Solution
No light turns on	Check that the battery is correctly installed or replace with a fresh battery if needed.
When I press on the timer button, all 3 LEDs blink together 3 times.	This indicates that the wireless timer is not receiving a signal back from a paired ECO-Touch IAQ controller. This means that either the timer is not currently paired to a compatible ECO-Touch IAQ controller or it means that the ECO-Touch IAQ controller is not in wireless range of the timer. If the ECO Touch IAQ is in the options menu you will also not be able to activate the timer until you leave the menus and return to the main screen