

INSTALLATION AND OWNER'S MANUAL

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



fantech[®]
a systemair company

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

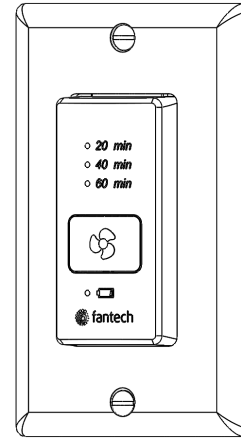
FCC ID:2AWH5RTSW

IC:26262-RTSW

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.

Battery Replacement

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

Timer Pairing

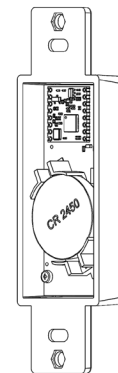
This timer can be paired only to a Fantech HRV/ERV via the ECO-Touch IAQ wall control. The timer should be paired to the ECO-Touch IAQ wall control prior to mounting the timer to the wall in it's final location.

Pairing steps:

1. Install the battery in the timer as described above
2. Make sure ECO-Touch IAQ is installed in it's 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. Test the timer in it's 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.

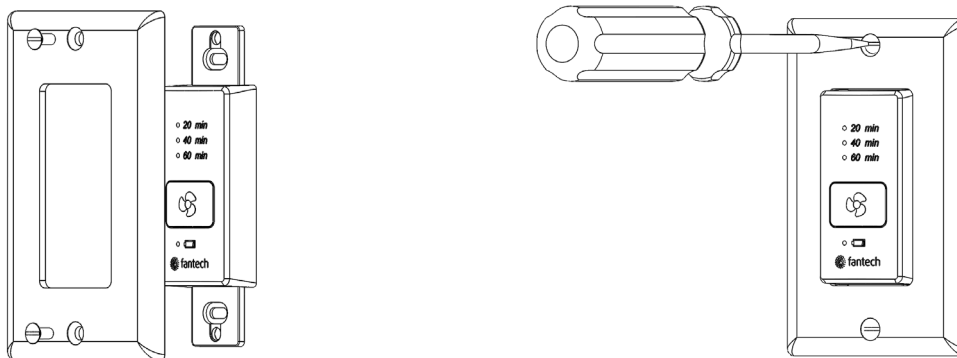
Timer Installation

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.

Caution: Changes or modifications not expressly approved by Systemair Inc. could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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 or light commercial installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may 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 dealer or an experienced radio/ TV technician for help.

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de

licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Attention : exposition au rayonnement de radiofréquences

Cet équipement est conforme aux limites d'exposition aux

radiofréquences IC fixées pour un environnement non contrôlé et aux

Lignes directrices relatives à l'exposition aux radiofréquences (RF).