MODERN FORMS
SMART FANS

F-WC-WT

INSTALLATION INSTRUCTIONS

SMART

COMPATIBLE WITH

amazon alexa   works with nest   ecobee   works with the Google Assistant

SAFETY RULES

For operation, maintenance, and troubleshooting information, visit modernforms.com/help.

1. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker before beginning.

2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70" and local electrical codes. Electrical installation should be performed by a licensed electrician.

CAUTION: If you feel you do not have enough wiring knowledge or experience, have your RF wall control installed by a licensed electrician.

NOTE: A maximum of 2 fans can operate on a circuit through the supplied wall control.

NOTE: A maximum of 12 fans can operate on a circuit through an on/off switch or a breaker when utilizing the Modern Forms app for the fan control (without the wall control in the circuit).

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1 INSTALLING THE WALL CONTROL

CAUTION: To prevent electrical shock, ensure electricity has been turned off at the circuit breaker before beginning.

NOTE: Fan(s) are required to be installed within 30 feet of the wall control to ensure reliable communication.

NOTE: Wall control is intended for indoor installation only.

NOTE: You can control your fan with up to 4 wall controls or remotes (including the pre-paired control).

WALL CONTROL TO WALL OUTLET BOX ELECTRICAL CONNECTIONS (FIG.1):

1. Connect the green wire marked "GROUND" from the wall control to the copper wire from the wall outlet box that feeds back to the circuit breaker – important for proper fan function.

2. Connect the black wire marked "LINE IN" from the wall control to the black LINE VOLTAGE wire from the wall outlet box that feeds back to the circuit breaker.

3. Connect the red wire from the wall control to the black wire from the wall outlet box that feeds up to the fan.

4. Connect the white wire from the wall control to the white (neutral) wire from the wall outlet box.
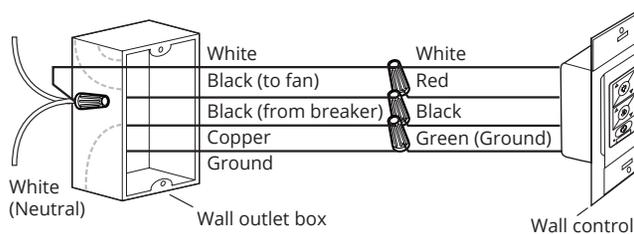
Remember to disconnect the power at the circuit breaker.

1. Carefully tuck the wire connections inside the outlet box. Secure the wall control with the two (2) wall control screws provided (**FIG. 2**).

2. Attach the wall mounting plate over the wall switch and secure with the two (2) wall mounting plate screws provided (**FIG. 2**).

3. Fasten the wall plate to the wall mounting plate.
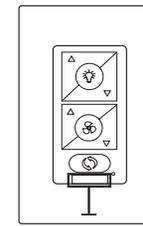
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2 WALL CONTROL OPERATION

Restore power to ceiling fan and test wall control as below for proper operation.

PARING THE WALL CONTROL TO YOUR FAN

Your fan is pre-paired at the factory. No pairing is necessary.
NOTE: For pairing instructions please skip to section 3.

WALL CONTROL BUTTON FUNCTIONS

ON-OFF Switch

☀ button: Turns the light ON or OFF.
Press or hold △ to increase the light level.
Press or hold ▽ to decrease the light level.

🌀 button: Turns the fan ON or OFF.
Press or hold the △ button to increase fan speed.
Press or hold the ▽ button to decrease fan speed.

ON-OFF Switch: Pull tab to power off in case of emergency. Not necessary for normal fan operation.

NOTE: Your fan features 6 speeds. An audible tone will indicate when the speed is increased or decreased. When the fan has reached the minimum/maximum speed level the audible indication will stop.

↻ button: Switch between Summer and Winter Mode.

SUMMER MODE (Counter-Clockwise): A downward airflow creates a cooling effect (**FIG. 4**). This allows you to set your air conditioner on a warmer setting without affecting your comfort.
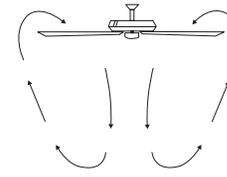
WINTER MODE (Clockwise): An upward airflow moves warm air off the ceiling area and re-distributes the warm air that hovers around the ceiling to the living space. This should allow for savings on heating costs (**FIG. 5**).
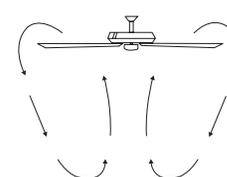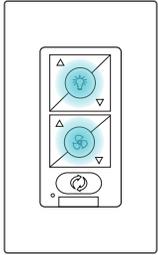
NOTE: To operate the reverse button on your fan, press the ↻ button while the fan is running

3 | PAIRING

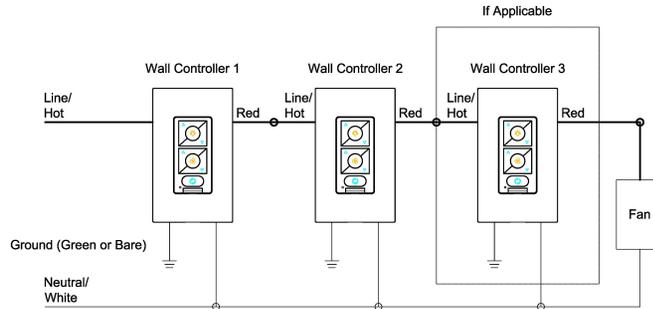If you need to re-pair your fan or you want to pair a second wall control:

1. Power cycle your fan by turning off the power at the circuit breaker.
2. Press and hold ☀ and 🌀 buttons on wall control for 10-15 seconds.
3. The LED will blink green then remain solid green.
4. The green LED along with audible beeps will indicate that pairing is successful.
5. Test wall control for functionality.

4 | UNPAIRING

NOTE: Purging must be completed within 3 minutes of turning the power on to the fan receiver.

1. When you re-engage power to the fans you want to purge, press and hold the 🌀△ and ☀△ buttons for 4 seconds.
2. The LED will alternate red/green, blink green, and the receiver will beep to indicate that purging is successful.

5 | MULTI LOCATION WIRING

1. Install the wall control using the wiring diagram in section 1.
2. Individually pair each of the wall controls with the fan receiver using the pairing instructions in section 3.

NOTE: Pairing must be completed within 3 minutes of turning the power on to the fan/receiver.
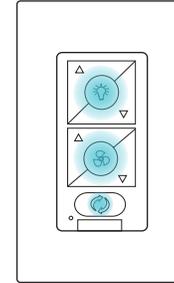

6 | FAN WI-FI RESET

NOTE: This function only resets the Wi-Fi credentials.

1. Press and hold the 🌀△ and 🌀▽ buttons for 6 sec.
2. The LED will light red blink green and return to solid red, and the receiver will beep to indicate that Wi-Fi reset is successful.
3. After the Wi-Fi resets, the fan will broadcast its service set indicator (SSID).

NOTE: If you are updating your router the fan will still appear in the Modern Forms app but will need to be re-paired. You can change the name of your fan on the Modern Forms app upon re-pairing.

Modern Forms App

7 | FACTORY RESET

NOTE: This will remove wall control and app connections.
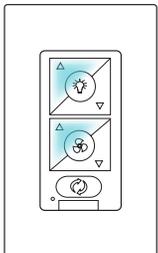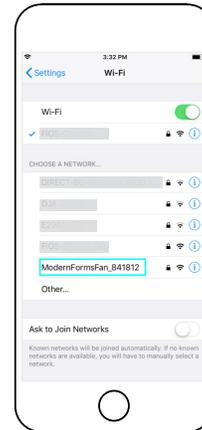
Wall Control Factory Reset:

1. Press and hold the ☀, 🌀 and ⟳ buttons for 10 seconds
2. The LED will blink red and return to solid red, and the receiver will beep to indicate that the factory reset is successful.

8 | RECEIVER BUTTON FACTORY RESET

1. Press the reset button on the receiver until the receiver beeps

NOTE: This will remove wall control and Modern Forms app connections.