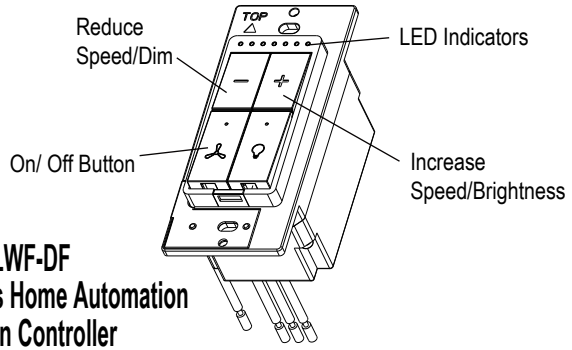
INSTALLATION INSTRUCTIONS



Model: LWF-DF
Wireless Home Automation
Wi-Fi Fan Controller

SPECIFICATIONS

Voltage	120VAC, 60Hz
Fan Max Power	1.5A
Incandescent	300W
LED/Electronic self-ballast	2A (150W)
Operating temperature	32° to 104°F (0° to 40°C)
Protocol	IEEE 802.11b/g/n
Wireless Type	2.4 GHz
Dimension	1 11/16"W × 2 11/16"H × 1 13/16"D

FEATURES/ DESCRIPTION

LWF-DF can replace standard ceiling fan/light switches. It turns your ordinary ceiling fan/light control into a smart, energy saving controller with manual and Smart app controls. The device has easy push buttons and indicator lights and the app provides complete control of the device. Besides speed, On/Off, and dimming controls, the app has scheduling, timers, scenes, and much more!

WARNING

Turn the power off at the circuit breaker before installing this device.

Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation. Make sure to turn off the circuit breaker or fuse(s) and make sure power is off before wiring the device.

Use copper wires only.

Avertissement

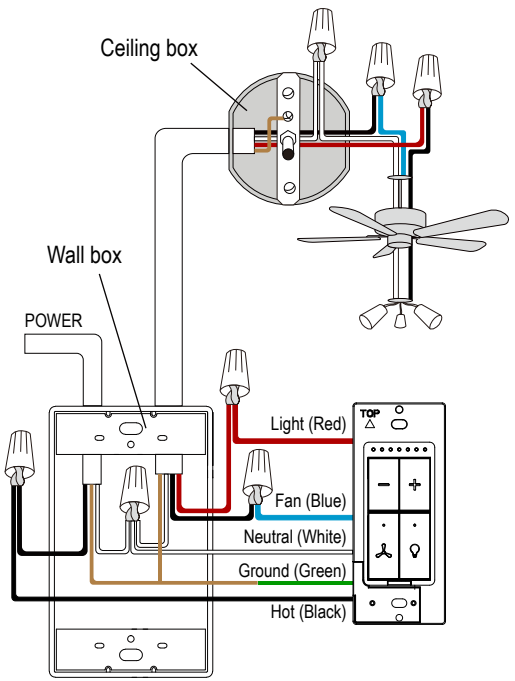
Avant d'installer cet appareil, éteignez le disjoncteur.
Veuillez lire et comprendre ces instructions avant l'installation. Cette unité est destinée à être installée conformément au Code national de l'électricité et aux réglementations locales. Cette installation est recommandée par un électricien qualifié. Assurez - vous d'éteindre le disjoncteur ou le fusible et assurez - vous que l'alimentation est éteinte avant de câbler l'appareil.
Seuls les fils de cuivre peuvent être utilisés.

REQUIREMENTS

- Wallbox where LWF-DF will be installed must have NEUTRAL wire(s)
- 2.4 GHz Wireless Network with internet connection. This device will be connected to a secured cloud server
- Download and install ***Tuya Smart*** app

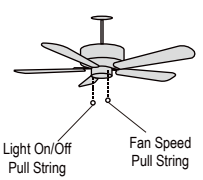
WIRING DIRECTIONS

1. Turn off power at circuit breaker.
2. Identify the HOT, NEUTRAL, and GROUND wires in the wall box.
3. Follow the wiring diagram below to connect the wires. On the device, HOT is Black, FAN is Blue, LIGHT is Red, NETURAL is White, and GROUND is Green.
4. Mount the device to the wall box, install wallplate, and turn on the Power.



NOTE

Before using this switch to control your fan and light, be sure to first set the speed on the ceiling fan and light to high. Some fan models may have a pull string attached to its side or underside. Please check the fan manufacturer's instructions on how to change fan speed.



RF WARNING

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

SETTING UP SMART DEVICE

Follow these instructions to set up the app and the device on your Smart Phone or Tablet for the first time.

1. Make sure you are logged into the 2.4 GHz Wi-Fi network with an internet connection. Having just your cell phone connection will not work. A 5 GHz will not work either (it's range is too short).
2. Download ***Tuya Smart*** app and open it.
3. Follow the onscreen instructions to create a new account or log in to an existing account.

As we continue to make the Smart app better, we will occasionally update it with new features, controls, and security updates. These updates can change the pairing steps, so be sure to follow the onscreen instructions for the next steps to pair your device.

FACTORY RESET

To factory reset the device, press the fan on/off button 6 times and on the 6th time, hold down the button for about 8 seconds, then release. If successful, the green LED indicator light on the device will blink rapidly.

LED INDICATOR DEFINITIONS

- Green rapidly blinking: Connecting to the network or Ready to pair
- Green slowly blinking: Ready to pair in AP mode (follow instructions in Smart app for pairing in this mode)
- Solid bright green for 2 seconds, then off: Successfully connected to network
- Solid green: There is a problem with connection to network
- Solid blue on: The switch is in the On position. The load should be On
- Blue is off: The switch is in the Off position. The load should be Off.

NOTE: When the power is restored after a power outage or other power interruption, the green LED indicator should blink rapidly for about 5 - 10 seconds while it is reconnecting to the network. It should turn off once connected. If it changes to solid green, first verify that your network connection has access to the internet. Then try reconnecting the device to the network. Lastly, try factory resetting the device and reconnect in the app.

FCC STATEMENT

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.
2. This device must accept any interference received, including interference that may cause undesired operation of the device.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 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.

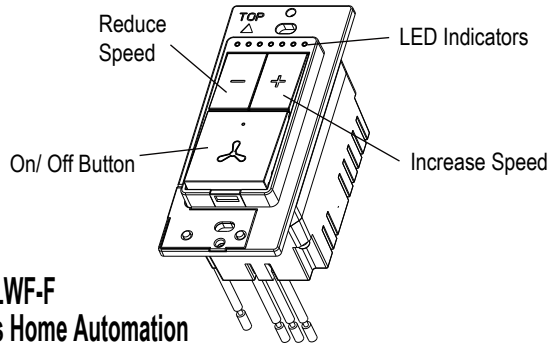
WARRANTY

This device is warranted to be free of material and workmanship defects for 1 year from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Lider-Electric, Inc. Warranties from other Lider-Electric products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Lider-Electric shall not be liable to the purchaser or end user customer of Lider-Electric products for direct, indirect, incidental, or consequential damages even if Lider-Electric has been advised of the possibility of such damages. Lider-Electric's total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory

LIDER®

©2022 Lider-Electric, Inc. • CA, USA • www.Lider-Electric.com • 0203230188-01

INSTALLATION INSTRUCTIONS



Model: LWF-F
Wireless Home Automation
Wi-Fi Fan Controller

SPECIFICATIONS

Voltage.....120VAC, 60Hz
Fan Max Power.....1.5A
Operating temperature.....32° to 104°F (0° to 40°C)
Protocol.....IEEE 802.11b/g/n
Wireless Type.....2.4 GHz
Dimension.....1 11/16"W × 2 11/16"H × 1 13/16"D

FEATURES/ DESCRIPTION

LWF-F can replace standard ceiling fan switches. It turns your ordinary ceiling fan control into a smart, energy saving controller with manual and Smart app controls. The device has easy push buttons and indicator lights and the app provides complete control of the device. Besides speed and On/Off controls, the app has scheduling, timers, scenes, and much more!

WARNING

Turn the power off at the circuit breaker before installing this device.

Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation. Make sure to turn off the circuit breaker or fuse(s) and make sure power is off before wiring the device.

Use copper wires only.

Avertissement

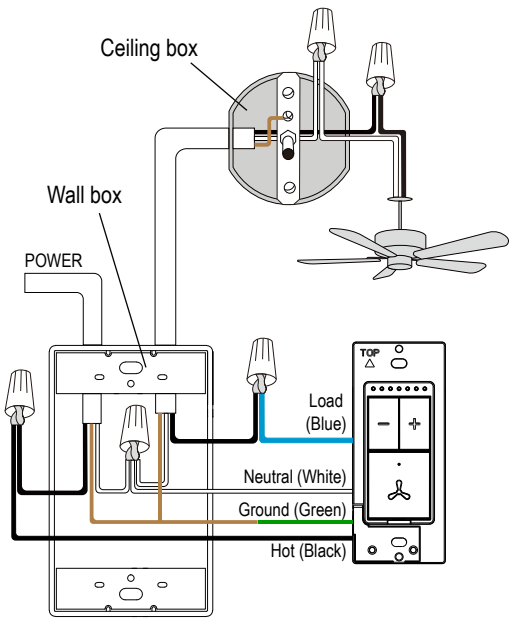
Avant d'installer cet appareil, éteignez le disjoncteur.
Veuillez lire et comprendre ces instructions avant l'installation. Cette unité est destinée à être installée conformément au Code national de l'électricité et aux réglementations locales. Cette installation est recommandée par un électricien qualifié. Assurez - vous d'éteindre le disjoncteur ou le fusible et assurez - vous que l'alimentation est éteinte avant de câbler l'appareil.
Seuls les fils de cuivre peuvent être utilisés.

REQUIREMENTS

- Wallbox where LWF-F will be installed must have NEUTRAL wire(s)
- 2.4 GHz Wireless Network with internet connection. This device will be connected to a secured cloud server
- Download and install ***Tuya Smart*** app

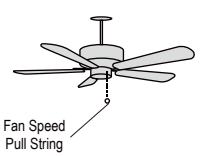
WIRING DIRECTIONS

1. Turn off power at circuit breaker.
2. Identify the HOT, NEUTRAL, and GROUND wires in the wall box.
3. Follow the wiring diagram below to connect the wires. On the device, HOT is Black, LOAD is Blue, NETURAL is White, and GROUND is Green.
4. Mount the device to the wall box, install wallplate, and turn on the Power.



NOTE

Before using this switch to control your fan, be sure to first set the speed on the ceiling fan to high. Some fan models may have a pull string attached to its side or underside. Please check the fan manufacturer's instructions on how to change fan speed.



RF WARNING

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

SETTING UP SMART DEVICE

Follow these instructions to set up the app and the device on your Smart Phone or Tablet for the first time.

1. Make sure you are logged into the 2.4 GHz Wi-Fi network with an internet connection. Having just your cell phone connection will not work. A 5 GHz will not work either (it's range is too short).
2. Download ***Tuya Smart*** app and open it.
3. Follow the onscreen instructions to create a new account or log in to an existing account.

As we continue to make the Smart app better, we will occasionally update it with new features, controls, and security updates. These updates can change the pairing steps, so be sure to follow the onscreen instructions for the next steps to pair your device.

FACTORY RESET

To factory reset the device, press the fan on/off button 6 times and on the 6th time, hold down the button for about 8 seconds, then release. If successful, the green LED indicator light on the device will blink rapidly.

LED INDICATOR DEFINITIONS

- Green rapidly blinking: Connecting to the network or Ready to pair
- Green slowly blinking: Ready to pair in AP mode (follow instructions in Smart app for pairing in this mode)
- Solid bright green for 2 seconds, then off: Successfully connected to network
- Solid green: There is a problem with connection to network
- Solid blue on: The switch is in the On position. The load should be On
- Blue is off: The switch is in the Off position. The load should be Off.

NOTE: When the power is restored after a power outage or other power interruption, the green LED indicator should blink rapidly for about 5 - 10 seconds while it is reconnecting to the network. It should turn off once connected. If it changes to solid green, first verify that your network connection has access to the internet. Then try reconnecting the device to the network. Lastly, try factory resetting the device and reconnect in the app.

FCC STATEMENT

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.
2. This device must accept any interference received, including interference that may cause undesired operation of the device.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 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.

WARRANTY

This device is warranted to be free of material and workmanship defects for 1 year from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Lider-Electric, Inc. Warranties from other Lider-Electric products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Lider-Electric shall not be liable to the purchaser or end user customer of Lider-Electric products for direct, indirect, incidental, or consequential damages even if Lider-Electric has been advised of the possibility of such damages. Lider-Electric's total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory

LIDER®

©2022 Lider-Electric, Inc. • CA, USA • www.Lider-Electric.com • 0203230187-01