EATON SMART HOME

Wi-Fi CERTIFIED

Quick Start Guide

Smart Fan Speed Control
EWFFSC15

works with **alexa**

works with **Hey Google**

EAT·N
Powering Business Worldwide

Eaton's Wi-Fi Smart Devices

Eaton's broad selection of **Wi-Fi Smart Devices** offer reliability with unbeatable ease of setup. Every device sets up quickly and easily with the Brightlayer Home App—no hubs or controllers are necessary. You can add voice-control using any Alexa or Google device.

| EWFD30 | EWFSW15 | EWFTRCR15 | EWACD | EWFFSC15 |

For more information on the complete Wi-Fi smart product portfolio please visit **Eaton.com/smarthome**

Set up and control in the Brightlayer Home App

Voice control with Alexa and Hey Google

Easy installation

No hub required

Set schedules, groups, and scenes

works with **alexa**

works with **Hey Google**

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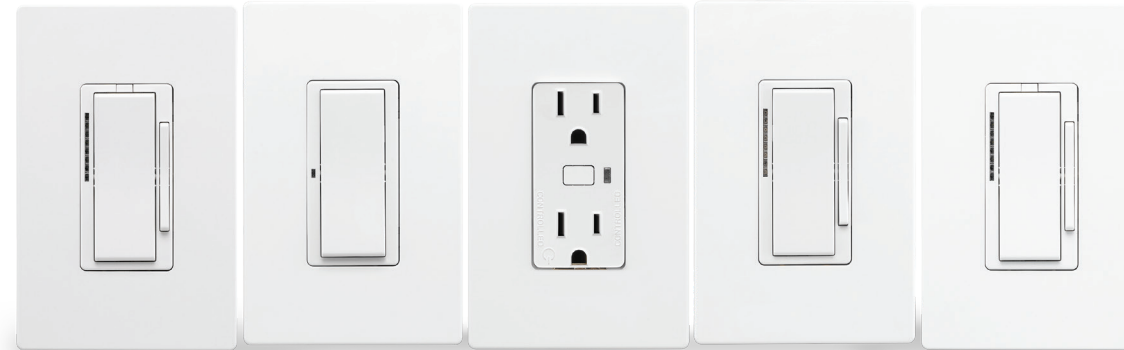
Your Wi-Fi Smart Fan Speed Control

Control your fans from anywhere with Eaton's **Wi-Fi Smart Fan Speed Control (EWFFSC15)** which replaces standard switches and features ON/OFF and DIM/BRIGHT control. The **Wi-Fi Smart Fan Speed Control (EWFFSC15)** can be remotely controlled using the Brightlayer Home App.

1.5A 120V 60Hz   **Neutral is required**
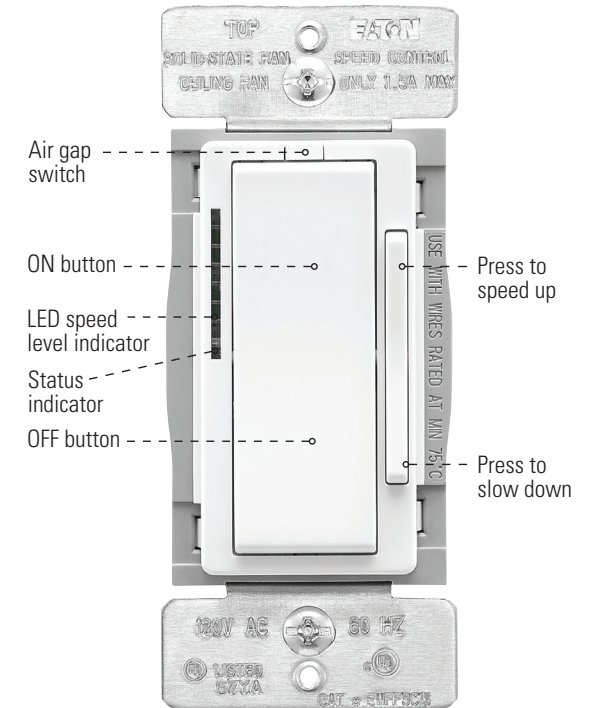
Single pole & 3-way

3 Preset fan speeds High, Medium, Low

Fan Speed Controller Rating - EWFFSC15

	Load Type	Single Gang
EWFFSC15	Ceiling fan	1.5A

Features

Eaton's Wi-Fi Smart Fan Speed Control has additional features such as a selection of 3 fan speed controls (High, Medium, Low).

- Air gap switch
- ON button — Press to speed up
- LED speed level indicator
- Status indicator
- OFF button — Press to slow down

Tools needed

Tools required for installation (not included) for the **Wi-Fi Smart Fan speed control (EWFFSC15)**:

Phillips-head Screwdriver   **Wire cutters**

Additional system requirements

- A 2.4GHz Wi-Fi network with high-speed internet
- IOS 12.0 or later or Android 8.0 or later mobile device. **Note:** Must be connected to Wi-Fi and Bluetooth
- A Brightlayer Home account set-up through the Brightlayer Home App

Prior to installation

Requires neutral for installation
WARNINGS AND CAUTIONS:
- Turn OFF circuit breaker or remove fuse(s) and test that power is OFF before installation process
- Never wire any electrical device with power turned ON Wiring fan speed control HOT may cause permanent damage to fan speed control and void warranty
- If you are not sure about any part of these instructions, please contact a licensed electrician

CAUTION
- Use only with 120V/AC 60Hz
- Do not exceed maximum rating of fan speed control as indicated on the device
- Must be installed and used in accordance with all national and local electrical codes
- If a bare copper or green ground connection is not available in the wallbox, contact a licensed electrician for installation
- Use only #14 or #12 copper wire rated for at least 75°C with these devices

DO NOT USE WITH ALUMINUM WIRE
IMPORTANT: Wi-Fi Smart Fan speed control (EWFFSC15) will not work or will be damaged if wired incorrectly and warranty will be voided. Refer to wiring instructions provided.
NOTE: The **Wi-Fi Smart Fan speed control (EWFFSC15)** is wired directly to the ceiling fan fixture.

Single location installation

Neutral   Black   Hot
120V

Wi-Fi Fan Speed Control

Load

Ceiling Fan

Green Ground

Neutral
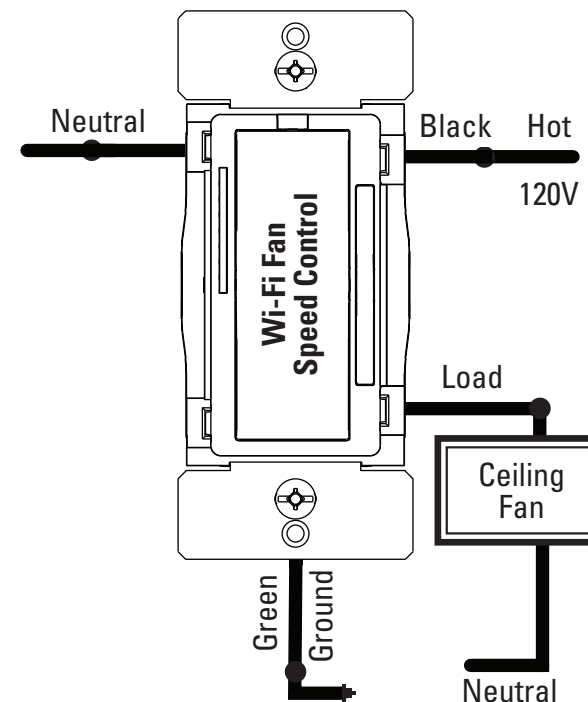
Can be wired with standard 3-way switch where traveler wire exists for 3-way.

Operation instructions

- Press ON button to turn fan ON at previously selected level
- Press the OFF button to turn the fan OFF
- The bottom LED indicates the fan speed controller is turned ON
- When fan is OFF, press and hold the ON button for 2 seconds until LED blinks green for full fan speed

FACTORY RESET: The fan speed controller can be reset which will exclude the device from its network and restore all factory defaults.
- Turn ON the fan speed controller
- Press and hold the ON button for 30 seconds until the LED indicator blinks red
- Release the button
- LED indicator will start flashing fast while it is being reset
- The LED indicator will then start blinking magenta at a normal rate indicating the fan speed controller is not part of a Wi-Fi network

Scan for more advanced features including adjusting the brightness level of the LED indicators and additional wiring configurations

For color change kit installation instructions, see back page

End User license agreement

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https://www.eaton.com/WiFiSmartEULA

Contact us:

www.eaton.com/smarthome

Eaton.com/chat

TechSupport@eaton.com

Phone (Toll Free): 877-386-2273
Device support: Option 5 then Option 3
App support: Option 2 then Option 9
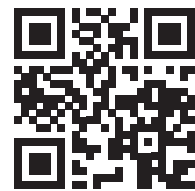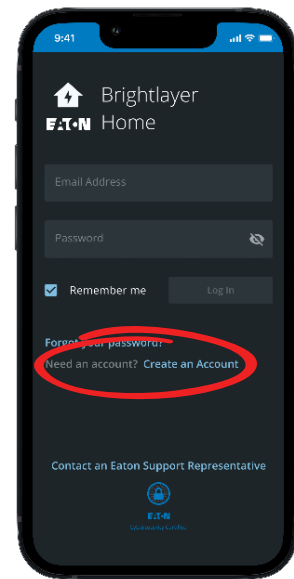**Fax (Toll Free): 800-329-3055**

Download the App

Search and download the **Brightlayer Home** App via the App Store or Google Play.

Select "Create an Account" to create an account by following the instructions on the screen.

Download on the **App Store**

GET IT ON Google Play

For more information, visit **Eaton.com/smarthome**

Set-up the Device

Add your device to the Brightlayer Home App

STEP 1 : Double click on the "ON" button on the **Wi-Fi Smart Fan Speed Control (EWFFSC15)**. Status LED on the Wi-Fi Smart Fan Speed Control should be blinking cyan to indicate that the device is in set-up mode. If the status LED is not blinking, refer to the Troubleshooting guide.

STEP 2 : Log in to your account on the Brightlayer Home App
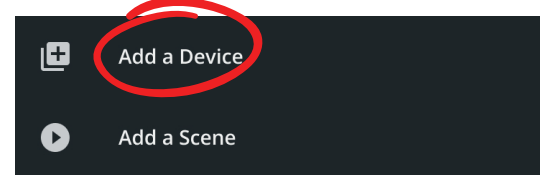
STEP 3 : Select "Devices" option

Areas   **Devices**   Energy   Schedules   Scenes

Once initial device is installed, additional devices can be added using the global add (+) button.

Home ⌄
2 Devices

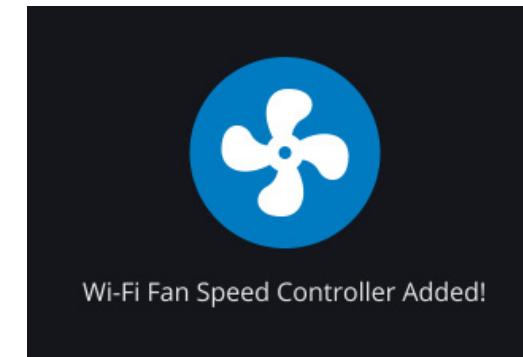## STEP 3 (continued) :

Next click on "Add a Device" option shown in the screen below

Add a Device

Add a Scene

Select the device type to add

← Select Device Type

Switch   >
Dimmer   >
Receptacle   >
Fan Speed Controller   >
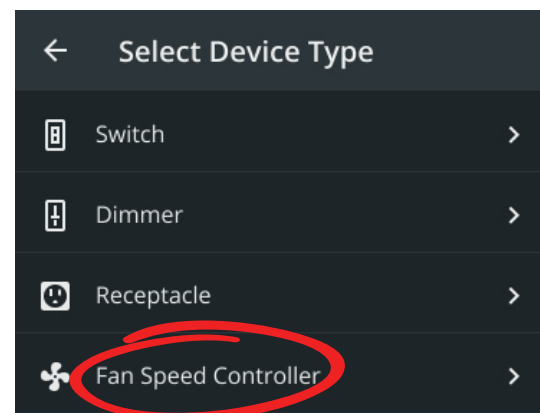
STEP 3 (continued) :

Once selected the devices would be displayed as shown below:

Wi-Fi Fan Speed Controller Added!

Note: Now the user can utilize many features that are available such as creating schedules, scenes, preset light levels and minimum/maximum brightness settings through the Brightlayer Home App.
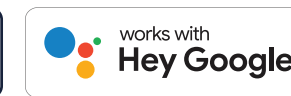
works with alexa   **works with Hey Google**

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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, 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 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.
FCC CAUTION: Any changes or modifications not expressly approved by Eaton Wiring Devices could void the user's authority to operate the equipment.

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.

EATON WIRING DEVICES LIMITED 2 YEAR WARRANTY
Eaton Wiring Devices warrants its Fan Speed Control to be free of defects in materials and workmanship in normal use and service for a period of two years from date of original purchase. THIS TWO (2) YEAR LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, OBLIGATIONS, OR LIABILITIES, EXPRESSED OR IMPLIED (INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE THAT IS IN DURATION IN EXCESS OF TWO YEARS FROM THE DATE OF ORIGINAL CONSUMER PURCHASE). NO AGENT, REPRESENTATIVE, OR EMPLOYEE OF EATON HAS AUTHORITY TO INCREASE OR ALTER THE OBLIGATIONS OF EATON UNDER THIS WARRANTY. To obtain warranty service for any properly installed Eaton Fan Speed Control that proves defective in normal use send the defective Fan Speed Control prepaid and insured to Quality Control Dept., Eaton Wiring Devices, 203 Cooper Circle, Peachtree City, GA 30269; in Canada: Eaton Wiring Devices, 5925 McLaughlin Road, Mississauga, Ontario L5R 1B8. Eaton will repair or replace the defective unit, at its option. Eaton will not be responsible under this warranty if examination shows that the defective condition of the unit was caused by misuse, abuse, improper installation, alteration, improper maintenance or repair of damage in shipment to Eaton. EATON SHALL HAVE NO RESPONSIBILITY FOR INSTALLATION OF THE Fan Speed Control, OR FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR ANY SPECIAL, INCIDENTAL, CONTINGENT, OR CONSEQUENTIAL DAMAGES OF ANY KIND, RESULTING FROM DEFECTS IN THE Fan Speed Control OR FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THE EXCLUSIVE REMEDY FOR BREACH OF THE LIMITED WARRANTY CONTAINED HEREIN IS THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT AT EATON'S OPTION. IMPLIED WARRANTIES (IF ANY) INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD ENDING TWO YEARS FROM THE DATE OF ORIGINAL CONSUMER PURCHASE. IN NO CASE SHALL EATON'S LIABILITY UNDER ANY OTHER REMEDY PRESCRIBED BY LAW EXCEED THE PURCHASE PRICE. Some states do not allow the exclusion or limitation of incidental or consequential damages or allow disclaimers or modifications of or limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some Canadian provinces do not allow exclusion or variance of implied warranties so that some or all of the above limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state and province to province. Read enclosed instructions carefully. If you have any questions concerning use or care of this product, please write: Consumer Service Division, Eaton Wiring Devices, 203 Cooper Circle, Peachtree City, GA 30269.

LED status

Quick reference table for Wi-Fi Smart Fan Speed Control (EWFFSC15) functionality

Function	Device state	Button	Number of seconds to press	Led indicator color	Default
Full speed	ON/OFF	ON	2	Green	
Power up state	ON	OFF	5	Blue	OFF
Level LED indicator OFF brightness	OFF	OFF	15	White	Level 1
Level LED indicator ON brightness	ON	ON	15	White	Level 3
Power LED indicator ON brightness	ON	ON	20	Yellow	Level 3
Power LED indicator OFF brightness	OFF	OFF	20	Yellow	Level 1
Factory reset	ON/OFF	ON	30	Red	

Troubleshooting guide

Symptom	Possible Cause	Solution
Device doesn't function. All LEDs are OFF	A) Circuit breaker is open or tripped B) Air Gap switch on the fan speed control is pulled out C) Improper wiring D) Defective fan speed control	A) Turn ON/Close the circuit breaker B) Push in the disconnect switch on the fan speed control C) Check and correct wiring D) Replace fan speed control
Device functions normally using the fan speed control push buttons but not from Brightlayer Home App. Purple LED indicator is blinking ON and OFF about once per second	Fan speed control is not included in the Wi-Fi network	A) Include the fan speed control in the Wi-Fi network using Brightlayer Home App Check that the router is B) functioning properly Go through the factory C) reset procedure and re-add the device to the Brightlayer Home App
Device functions normally using the fan speed control push buttons but not from Brightlayer Home App. Yellow LED indicator is blinking ON and OFF about once per second	No Wi-Fi signal	Check the router
Device functions normally both locally and from a Brightlayer Home App but can't be controlled from the standard 3-way switch	The 3-way wire is not connected	Refer to the wiring connection and check if the 3-way wire is connected
Fan speed control is warm to touch after a period of time	This is normal if the load is within the fan speed control limits	No action required

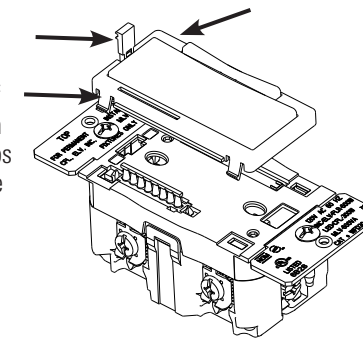## Wi-Fi Smart Fan Speed Control color change kit installation instructions

Available in 3 different color change kits
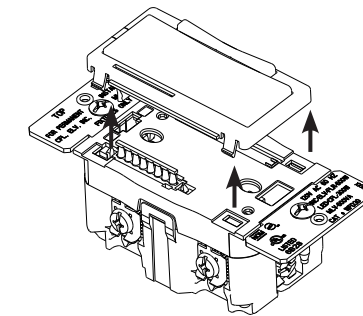
NOTE: Not all products include color change kits.

STEP 1 :
Pull out the air gap switch at the top of the device and then squeeze the top tabs on both sides of the device
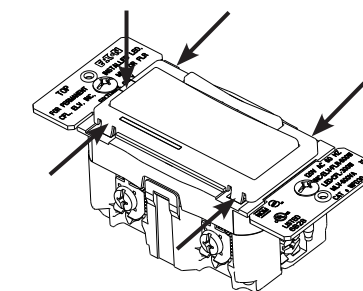
STEP 2 :
Pull faceplate off

STEP 3 :
Line up all tabs and snap the faceplate on and push the air gap switch in

Your installation is finished!

Enjoy your new Wi-Fi Smart Fan speed control!

For troubleshooting contact us at:
TechSupport@eaton.com or
call 1-877-386-2273 opt. 5 then opt. 3

Fold in half vertically with page 1 on outside, then Z-fold in horizontal direction to final folded size of 3.4 in. W x 5.5 in. H with part number facing outward.