

## IntelliFire® Wi-Fi Module (IFT-WFM) Installation Instructions



Leave this manual with party responsible for use and operation.

### 1. Introduction

The IntelliFire Wi-Fi Module (IFT-WFM) is designed to allow the communication between the Hearth & Home Technologies appliance and an Android or iOS device.

The IntelliFire app allows the ability to control many of the available features on the appliance. Also the IntelliFire skill on Amazon Alexa or Google Assistant allows you to turn on and off your appliance.

**Note:** The IntelliFire Wi-Fi module supports 2.4GHz or 2.4GHz / 5GHz dual band Wi-Fi networks only. To check your network frequency, refer to your wireless router manual or contact your internet service provider.

### 2. Wi-Fi Module (IFT-WFM) Installation

#### A. Precautions / Preparation

This device is tested and safe when installed in accordance with this installation manual. Do not install any components that may be damaged.

Do not modify, disassemble, or substitute any of the components included with this kit. Installation of this kit must be done by a qualified service technician.

For best performance, the location of the IntelliFire IFT-WFM to the Wi-Fi router or your network extender should be less than 50 feet from the appliance.

Hearth & Home Technologies disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged system component.
- Modification of the system component.
- Installation other than as instructed by Hearth & Home Technologies.
- Installation and/or use of any component part not approved by Hearth & Home Technologies.

**Any such action may cause a fire hazard.**

- Read, understand and follow these instructions for safe installation and operation.

#### B. Kit Contents

- Wi-Fi Module (IFT-WFM)

#### C. Installation Steps

1. Write the IFT-WFM Wi-Fi SSN# on top of the User Guide. If you have multiple appliances to set up, write the appliance description / location associated with the IFT-WFM Wi-Fi SSN#. See Figure 1.



Figure 1 IFT-WFM Wi-Fi SSN # Location

**CAUTION!** Do not install damaged components. If you received components that are damaged, contact your dealer for assistance.

2. Locate the IntelliFire Touch electronic control module (IFT-ECM) in the control cavity of the appliance and move the selector switch to the OFF position. See Figure 3.

**NOTICE:** IFT-ECM must have Wi-Fi sticker adhered to it. If the IFT-ECM does not have the sticker, you must replace it with one that does. See Figure 2.

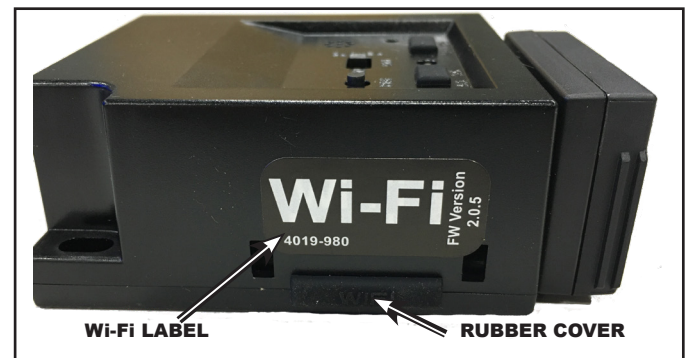


Figure 2 Wi-Fi Label

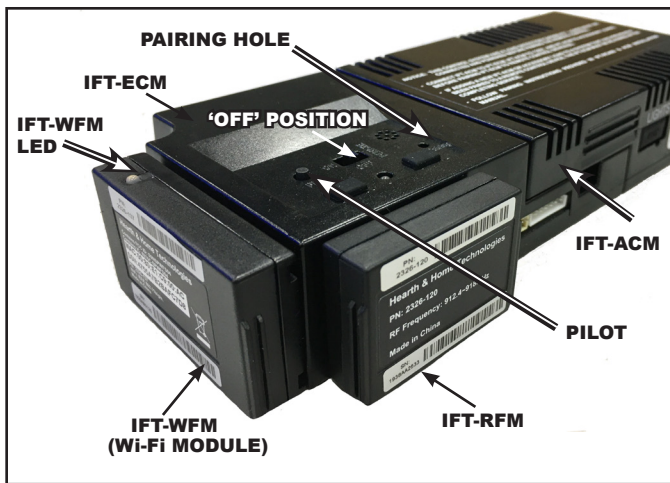


Figure 3 Connect Wi-Fi Module (IFT-WFM) to IFT-ECM

3. Locate the IFT-WFM port on the end of the IFT-ECM. Remove and discard the rubber cover from the IFT-WFM port. See Figure 2.
4. Connect the IFT-WFM to the IFT-ECM by aligning the pins and tabs and pushing the IFT-WFM into the IFT-ECM until both tabs snap into position. Ensure the two components are fastened securely to one another. See Figure 3.
5. Move the selector switch on the IFT-ECM back to 'Remote' position. The IFT-ECM will beep and display three green LED flashes. On the IFT-ECM, locate the 'PILOT' button then press and hold for ten seconds. The IFT-ECM will emit an audible acknowledgement of the request to setup the device. After the audible acknowledgement release the pilot button. The WFM LED will long flash red followed by quick green flash and quick red flash. Once the LED on the IFT Wi-Fi module begins to flash green an open WiFi access point will be available. You can confirm the open access point by seeing the IntelliFire\_XXXX network in the available Wi-Fi networks on your smart device.

**Note:** The IFT-RFM is still required for use with a remote to enable the thermostat function. The room temperature is measured by a sensor in the IFT-RC150 and/or IFT-RC400 remote control. Without a paired remote, the TEMP function in the app will not function correctly.

6. Once steps 2 thru 5 are complete, your IFT-ECM / IFT-WFM is ready to be set up with the IntelliFire app.

#### FCC Compliance 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 of the device.

#### FCC Warning

**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 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.

**Caution:** The Federal Communications Commission warns that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### Canadian DOC Notice

This digital apparatus does not exceed the (Class A/ Class B) limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

#### Canadian IC Notice

This device complies with RSS-210 of Industry and Science Canada. 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.

Please contact your Hearth & Home Technologies dealer with any questions or concerns.  
For the location of your nearest Hearth & Home Technologies dealer, please visit [www.hearthnhome.com](http://www.hearthnhome.com).

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