

# AC Cloud Control

## Installation Sheet INWFIFGL001R1XX



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## 1 Safety instructions

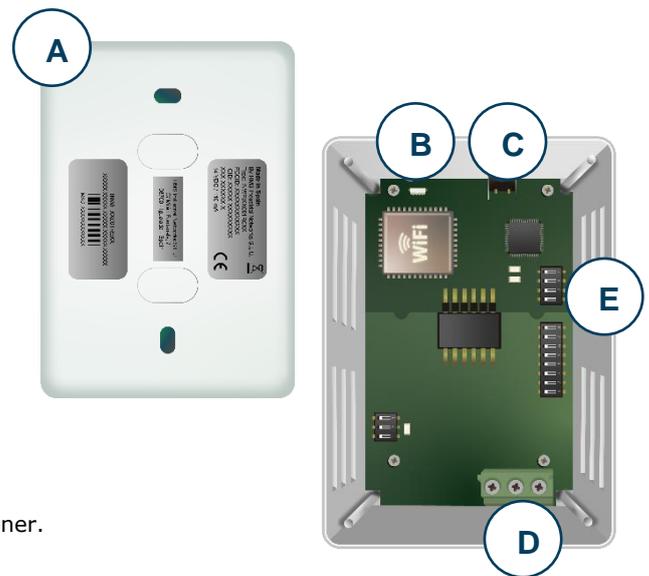
### **WARNING**

Follow carefully this safety and installation instructions. Improper work may lead to serious harmful for your health and may damage seriously the interface and/or the AC indoor unit.

- This interface must be installed by accredited technical personnel (electrician, installer or authorized technical personnel) and following all the safety instructions.
- This interface must only be installed in a restricted access location.
- Before manipulating the AC indoor unit be sure it is completely disconnected from Mains power.
- In case of installation of the interface inside the AC indoor unit, fix the interface and communication cables preferably to any appropriate point of the plastic cover of the unit taking care of no blocking free movement of mobile parts and as far as possible from tubes containing liquids and power cables.

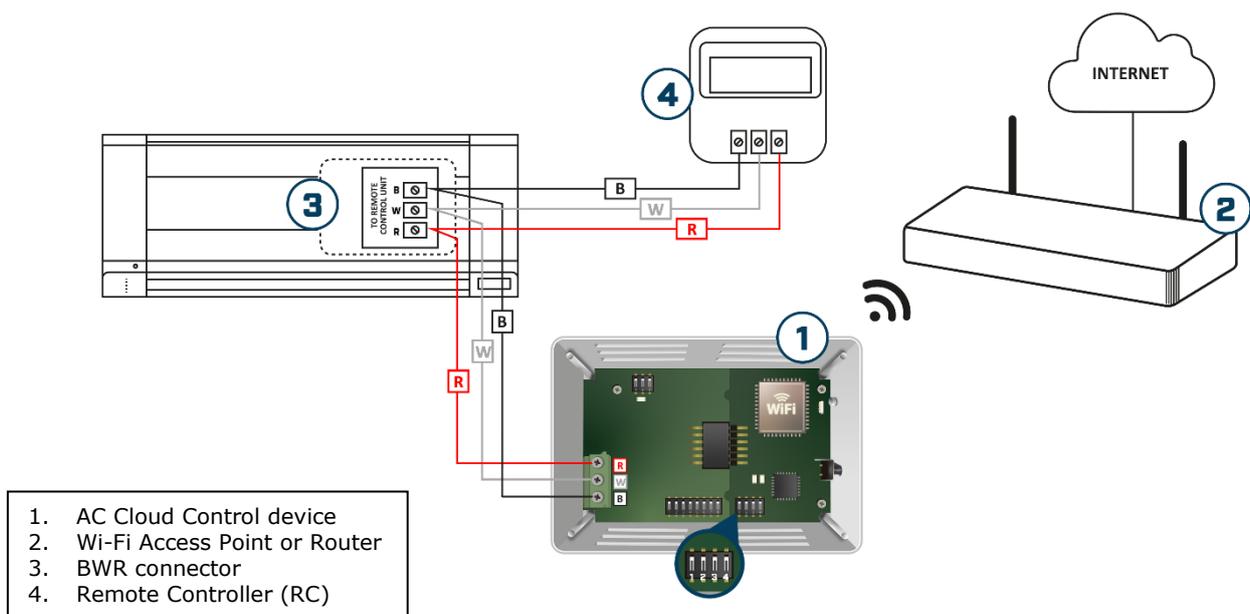
## 2 Device information

- A. Lid
- B. LED indicator
- C. Push button
- D. AC connector
- E. DIP-Switch



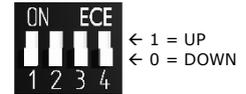
## 3 Device connection

- Unplug the Air Conditioner (AC) unit from mains.
- Access to the main Printed Circuit Board.
- Locate the RWB socket connector.
- Select a location for the device.
- Connect the AC Cloud Control device to the Air Conditioner.
- Close the Air Conditioner unit.
- Plug the AC to the power supply line



## 4 Switch configuration

Please, make sure that switches are placed in the right position as per your desired settings.



Switches 1 2 3 4	Description
1 X X X	Master – Fujitsu Controller not needed in BWR bus. If it exists, it must be configured as Slave
0 X X X	Slave - A Fujitsu Controller must be present in BWR bus, configured as Master (Default value)
X 1 X X	Machine type: RAC inverter, RAC non-inverter, VRF V, VRF S or VRF J
X 0 X X	Machine type: RAC inverter model G series, VRF J-II, VRF V-II or VRF VR-II 10 (Default value)
X X 1 X	High Performance Mode (Default value)
X X 0 X	Low Power Mode
X X X 1	Max WIFI power (Default value)
X X X 0	WIFI power is limited

### Switch 3

This switch determines the performance of the device. Running in High Performance Mode means maximum consumption and maximum device performance.

### Switch 4

This switch determines the Wi-Fi range of the device. Maximum range is set by default. Consider that changing this switch may affect to device Wi-Fi communication, happening a device in a running installation not to reach the current access point or Wi-Fi network to which is connected.

**In case no external supply is used:** In very specific installations, AC port consumption may be overpassed, leading the device to reboot. If that happened, decrease device consumption by using SW3 and SW4.

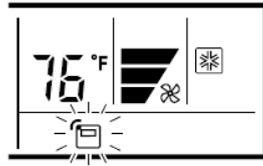
**NOTE:** Remember that you need to power cycle the climate system or the AC Cloud Control device for the changes in the switches to be applied.

## 5 Ambient Temperature

In order to obtain the ambient temperature please set the AC unit to provide it as follows.

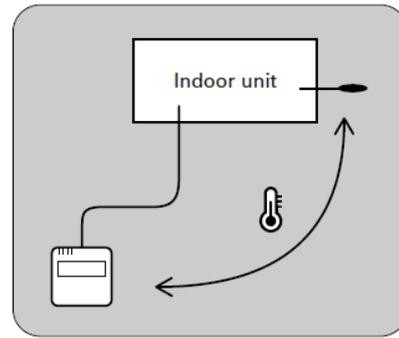
- Connect the AC Cloud Control device to the AC unit with a Standard Remote Controller present and the room sensor on the Remote Controller activated.
- Detailed information on how to set up this in the Remote Controller can be found in the following extract from the Fujitsu remote controller manual.

**Room temperature sensor selection**



Press the THERMO SENSOR button to select whether the room temperature is detected at the indoor unit (remote sensor) or the remote controller.

When the  thermo sensor display appears, the room temperature is detected at the remote controller.



**NOTES**

- This function is locked at the factory. In order to detect the room temperature correctly, consult authorized service personnel when using this function.
- If this function is locked, the location where the room temperature is detected cannot be changed and the  mark flashes when the THERMO SENSOR button is pushed.