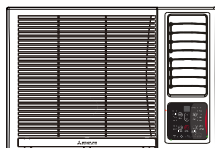


## SMART KIT使用說明書

### 三菱重工窗口式空調器

中文

ENGLISH



USER'S MANUAL OF SMART KIT

WRK20MGC1  
WRK26MGC1  
WRK35MGC1  
WRK53MGC1

R32 Refrigerant



承蒙選購三菱重工空調器，深表感謝！為了使空調器長久保持其良好的運轉性能，在您開始使用空調器之前，務請仔細閱讀本說明書。閱後應將它妥善保管好，以備必要時查閱。

Thank you for purchasing a MITSUBISHI HEAVY INDUSTRIES-JINLING AIR CONDITIONERS CO.LTD. Air-Conditioner. To get the best long-lasting performance please read and follow this User's Manual carefully before using your air-conditioner. After reading please store the Manual in a safe place and refer to it for operational questions or in the event of any irregularities.

本空調器使用輕度易燃輕度易燃製冷劑(R32)，當需要維修、檢查以及保養時，請對經銷商說明此情況。

This air conditioner uses mildly flammable refrigerant(R32). Please explain this to dealer when it needs repair, inspection and maintenance.

本空調器適用於家用。

This air-conditioner is intended for domestic use.

## 目錄

① 規格.....	1
② 預防措施.....	1
③ APP下載及安裝說明.....	2
④ SMART KIT安裝說明.....	3
⑤ 用戶註冊.....	4
⑥ 網絡配置.....	7
⑦ 如何使用APP.....	18
⑧ 特定功能.....	20

## 符合性聲明

在此，我們聲明此SMART KIT符合2014/53/EU的重大要求和其他相關規定。隨附完整的DoC副本。

(僅適用於歐盟地區)

## 1 規格

型號: EU-OSK105(IOT), US-OSK105(IOT)

天線類型: Printed PCB Antenna

頻帶: 2400-2483.5MHz

操作溫度: 0°C~45°C / 32°F~113°F

操作濕度: 10%~85%

功率輸出: DC 5V/500mA

最大傳輸功率: <20dBm

## 2 預防措施

- 適用系統: IOS, Android.
- 建議將APP更新至最新版本。
- 因為可能會發生特定狀況，我們明確聲明如下：  
並非所有Android以及IOS系統都與此APP相容。我們不就任何不相容造成的問題負責。
- 無線安全策略  
SMART KIT僅支援WPA-PSK/WAPA2-PSK加密及無加密。  
建議使用WPA-PSK/WAPA2-PSK加密。

### ● 注意事項

- 因為網絡狀況不同，有時候控制程序會回覆逾時。若發生此情形，無須感到困擾，面板上與APP上的顯示可能並不相同。
- 智能手機的相機需有500萬像素或以上方可確保QR編碼的掃描順利進行。
- 因為網絡狀況不同，有時候可能會發生請求逾時的情形，因此，必須再次進行網絡配置。
- APP系統因產品功能改進而隨時更新，恕不另行通知。實際配網過程可能與手冊略有不同，以實際過程為準。
- 請查閱服務網站了解更多資訊。

## 3 APP下載及安裝說明

注意: 以下QR碼僅作下載APP之用，與 SMART KIT 包裝盒內的QR碼完全不同。



Android



iOS

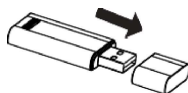
- Android用戶: 掃描QR碼或前往Google Play, 並搜尋“Aircon+”APP並下載。
- iOS用戶: 掃描QR碼或前往App Store, 並搜尋“Aircon+”APP並下載。

## 4 SMART KIT(無線模塊)安裝說明(本機型不適用)

提示: 在安裝SMART KIT之前, 請關上你的空調並不要接上電源。

注意: 如SMART KIT已安裝在機體內, 以下步驟不適用。

1) 移除SMART KIT的保護蓋。



2) 開啟前面板並將SMART KIT插入預留的端口中。

3) 將SMART KIT隨附的QR碼貼到機器的側邊機板上, 確認智慧手機可以便利的掃描。

4) **溫馨提示:** 最好預留其他兩個QR碼放在安全地方或拍照並將其保存在你的手機中。



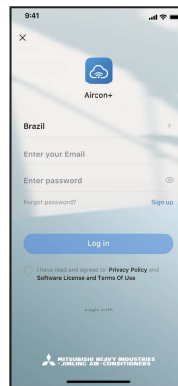
注意:

此接口僅與製造商提供的SMART KIT(無線模塊)兼容。

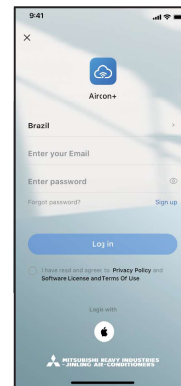
3

## 5 用戶註冊

- 請確保你的智慧手機已經連接到無線路由器。此外, 進行用戶註冊及網絡配置前, 無線路由器已經連接至網絡。
- 你可透過電子郵件或手機號碼, 或第三方平台註冊登入帳號。
- 需要根據空調所在位置, 選擇相應的國家或地區, 以獲得更好的體驗和服務。

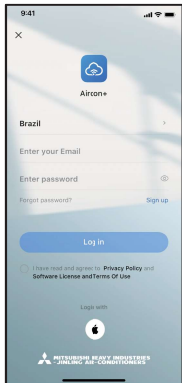


Android

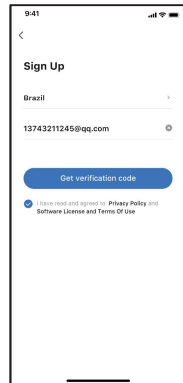


iOS

4

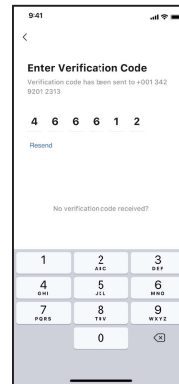


① 點擊 “Sign up 註冊”

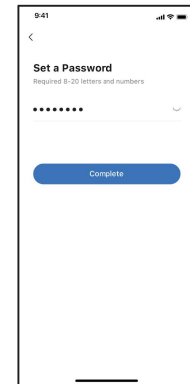


② 輸入你的電子郵件地址 或 手機號碼，然後點擊“取得驗證碼”

5



③ 輸入驗證碼，如驗證碼正確，將自動進入並進行下一步驟



④ 輸入密碼，密碼形式以 8-20個字母和數字組成，然後按“確認”

6

## 6 網絡配置


### 注意

- 必須先“忘記”任何其他網絡並確保Android或iOS裝置僅連接至你想設置的無線網絡。
- 請確保Android或iOS裝置的無線網絡功能運作正常，並且可自動連接回原本的無線網絡。

### 溫馨提示:

用戶必須在空調進入配置模式(AP)後，**8分鐘**內完成所有步驟，否則需要進行以下步驟再次進行配置。(請注意，空調在進入配置模式(AP)後，用戶屆時將無法操控空調直至配置結束或8分鐘過後，如需取消配置模式(AP)，用戶可通過斷開電源或拔下電插，重啟空調。)

### ■ 使用 Android / iOS 設備進行網絡配置

- 確保你的智能手機已連接到要使用的2.4G 無線網絡。另外，你還需要忘記其他不相關的無線網絡，以免影響你的配置過程。
- 接上電源並等待5秒。
- ①連接電源後，開啟空調
  - ②長按控制面板上的“POWER電源鍵”或“SWING鍵”3秒以上；或在遙控器上按“SET按鈕”進入功能設置，選擇至AP模式，然後按OK按鈕進行確認，或連續按“LED鍵”7次，直至空調顯示屏顯示“AP”。
- 注意：不同機型可能略有不同操作，用戶可根據APP提示的實際網絡配置指引進行操作。

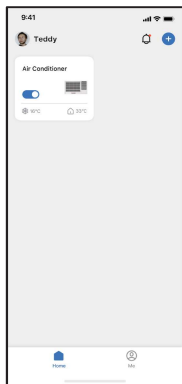
### 提示:

有2種網絡配置方法可選擇:

- 選擇“掃描藍牙”網絡配置
- 選擇“選擇設備類型”網絡配置

### 選擇“掃描藍牙”網絡配置:

提示: 請確保你的智能手機內藍牙功能運作正常。



①按“+”

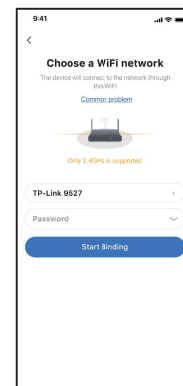


②進入當前頁面並  
開啟自動掃描

9



③等待並找到設備，  
然後點擊添加

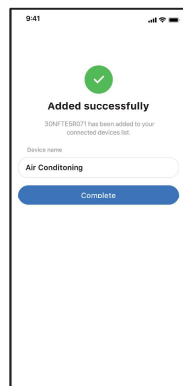


④選擇想設置的無線路由  
器，並輸入其密碼

10

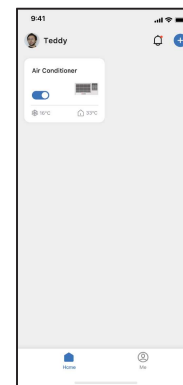


⑤等待連接網絡



⑥配置成功，  
可以修改默認名稱

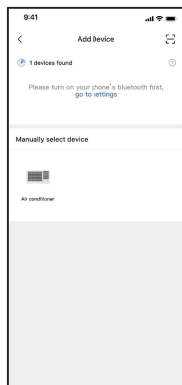
11



⑦藍牙網絡配置成功，  
現在可以在列表中看到該設備

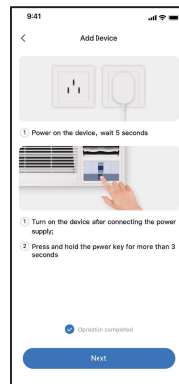
12

擇選“選擇設備類型”網絡配置：

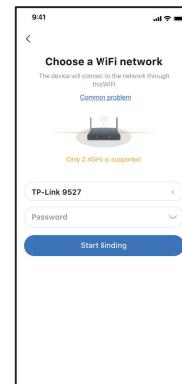


①如果藍牙網絡配置失敗，  
請選擇設備類型

13



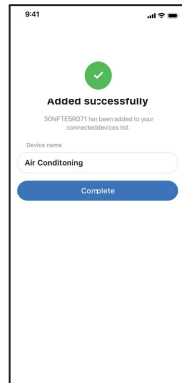
②接通電源，並等待5秒  
③a.連接電源後，開啟空調；  
b.長按控制面板上的“POWER  
電源鍵”或“SWING鍵”3秒以上；  
或在遙控器上按“SET按鈕”進  
入功能設置，選擇至AP模式  
(📶)然後按OK按鈕進行確認，  
或連續按“LED鍵”7次，直至  
空調顯示屏顯示“AP”。



④選擇想設置的無線路由  
器，並輸入其密碼

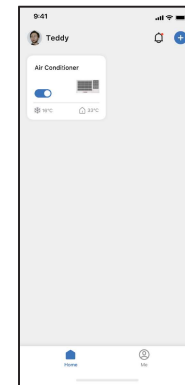
14





⑤配置成功，可以修改默認名

15



⑥配置成功後，  
可以在列表中看到該設備

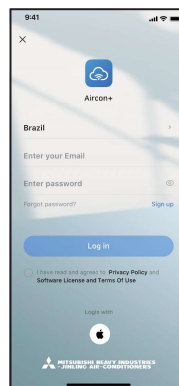
16

注意：

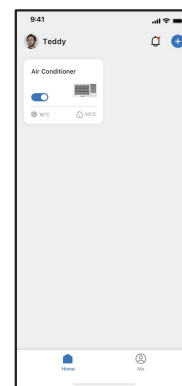
- 完成網絡配置後，APP將在屏幕上顯示成功提示詞。
- 由於互聯網環境不同，設備狀態仍可能顯示為"離線"。如果出現這情形，用戶則需要拉取並刷新APP上的設備列表，並確保設備狀態變為"在線"。或者用戶可以關閉空調電源並再次開啟。幾分鐘後設備狀態將變為"在線"。

## 7 如何使用APP

在使用APP通過互聯網控制空調之前，請確保你的智能手機和空調都已經連接到互聯網，請按照以下步驟操作：



① 點擊 "Log in 登入"



② 選擇該空調

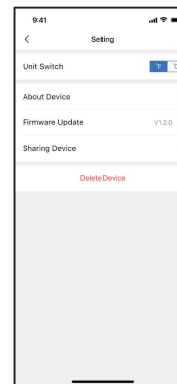


③因此，用戶可以控制空調的開/關狀態、  
運行模式、溫度、風扇速度等。

注意:

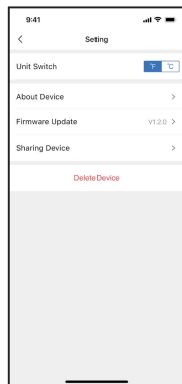
- 並非APP的所有功能都可用於該空調，請查看用戶手冊以查取更多信息。

## 8 特定功能



## ■ 共享設備

共享設備功能可讓多用戶同時控制空調。

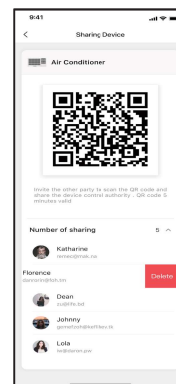


① 點擊“共享設備”

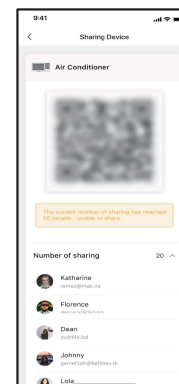


② 屏幕顯示QR碼

21

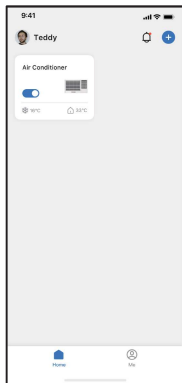


③ 向左滑動可刪除成員



④ 當共享成員達到20個時，  
其他用戶將無法掃描

22



⑤其他用戶需先登錄  
“Aircon+”APP · 點擊首頁“+”  
進入掃描頁面

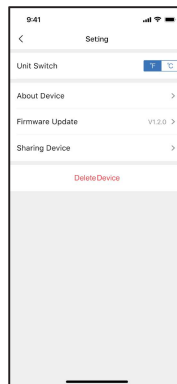


⑥其他用戶可以通過點擊右  
上角的掃描符號來添加共享  
設備

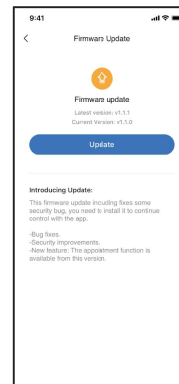
23

## ■ 固件更新

通過此功能，用戶可以手動更新設備固件，確保設備以最新  
版本運行。

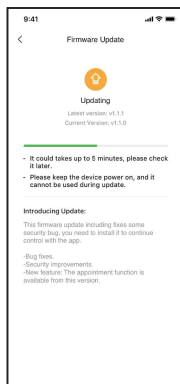


①點擊“Firmware Update  
固件更新”



②當固件需要更新時，固件  
更新提示會出現。  
點擊“立即更新”

24



③查看更新狀態，更新完成  
後進入下一步



④固件更新完成，用戶可以  
查看到最新的固件版本。  
或者當固件不需要更新時，  
也可進入此頁面查看最新版  
本編號。

25

注意事項:

對於型號**US-OSK105(IOT)**, **EU-OSK105(IOT)**:

FCC ID: 2AS2HMZNA21

IC: 24951-MZNA21

本設備SMART KIT符合FCC規則第15部分及加拿大創新、科學  
和經濟部的RSS標準，包含免許可發射器/接收器。

操作必須滿足以下兩個條件:

- (1) 此設備可能不會造成干擾; 和
- (2) 此設備必須接受任何干擾，包括可能導致設備意外運行的干  
擾。

須按照提供的說明操作設備。

未經合規責任方明確批准而對本設備進行更改或修改可能會導  
致用戶操作本設備的權限失效。

本設備符合針對不受控制的環境制定的FCC輻射暴露限制。為  
避免超過FCC無線電頻率的可能性，在正常操作期間，人體與  
天線的距離不得小於20厘米(8英寸)。

26

**注意:**

本設備已經過測試，符合FCC規則第15部分對B類數字設備的限制。這些限制旨在提供合理的保護，防止住宅安裝中的有害干擾。本設備會產生、使用並輻射射頻能量，如果未按照說明進行安裝和使用，可能會對無線電通信造成有害干擾。但是，無法保證在特定安裝中不會發生干擾。如果此設備確實對無線電或電視接收造成有害干擾，可通過關閉和打開設備來確定，建議用戶嘗試通過以下一項或多項措施來消除干擾：

- 重新調整或擺放接收天線。
- 增加設備和接收器之間的距離。
- 將設備連接到與接收器不同電路的插座上。
- 向經銷商或有經驗的無線電/電視技術人員尋求幫助。

**對於因互聯網，無線路由器和智能設備引起的任何問題，公司概不負責。請聯絡原本供應商以獲取進一步的幫助。**

## **CONTENTS**

<b>1</b>	<b>SPECIFICATION.....</b>	<b>1</b>
<b>2</b>	<b>PRECAUTIONS .....</b>	<b>1</b>
<b>3</b>	<b>DOWNLOAD AND INSTALL THE APP.....</b>	<b>2</b>
<b>4</b>	<b>INSTALL THE SMART KIT.....</b>	<b>3</b>
<b>5</b>	<b>USER REGISTRATION .....</b>	<b>4</b>
<b>6</b>	<b>NETWORK CONFIGURATION.....</b>	<b>7</b>
<b>7</b>	<b>HOW TO USE THE APP.....</b>	<b>18</b>
<b>8</b>	<b>SPECIAL FUNCTIONS.....</b>	<b>20</b>

### **DECLARATION OF CONFORMITY**

Hereby, we declare that this SMART KIT is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the full DOC is attached.  
(European Union products only)

## **1 SPECIFICATION**

Model: EU-OSK105(IOT), US-OSK105(IOT)  
Antenna Type: Printed PCB Antenna  
Frequency Band: 2400-2483.5MHz  
Operation Temperature: 0°C~45°C/32°F~113°F  
Operation Humidity: 10%~85%  
Power Input: DC 5V/500mA  
Maximum TX Power: <20dBm

## **2 PRECAUTIONS**

- **Applicable system: iOS, Android**
  - Please keep your APP up to date with the latest version.
  - Due to special situation may be occurred, we explicitly claims below: Not all of the Android and iOS system are compatible with APP. We will not be responsible for any issue as a result of the incompatibility.
- **Wireless safety strategy**

Smart kit only support WPA-PSK/WPA2-PSK encryption and none encryption.  
WPA-PSK/WPA2-PSK encryption is recommended.
- **Cautions**
  - Due to different network situation, control process may return time-out sometimes. If this situation occurs, the display between board and APP may not be the same, please do not feel confused.
  - Smart Phone camera needs to be 5 million pixels or above to make sure scan QR code well.



- Due to different network situation, sometimes, request time-out could happen, thus, it is necessary to do network configuration again.
- The APP system is subject to update without prior notice for product function improvement. The actual network configuration process may be slightly different from the manual, the actual process shall prevail.
- Please check the Service Website for more information.

### 3 DOWNLOAD AND INSTALL THE APP

**CAUTION:** The following QR Code is only available for downloading APP. It is totally different with the QR code packed with SMART KIT.



**Android**



**iOS**

- Android Phone users: scan Android QR code or go to google play, search "Aircon+" app and download it.
- iOS users: scan iOS QR code or go to APP Store, search "Aircon+ " app and download it.

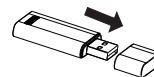
2

### 4 INSTALL THE SMART KIT (NOT AVAILABLE TO THIS UNIT)

**WARNING:** Before installing the smart kit, always turn off your air conditioner and disconnect its power supply.

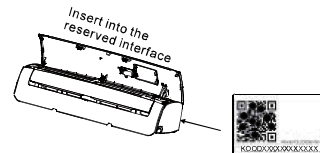
**NOTE:** If the SMART KIT had been installed in the machine, the following procedures are not necessary.

- 1) Remove the protective cap of the smart kit.



- 2) Open the front panel and insert the smart kit into the reserved interface.
- 3) Attach the QR code packed with SMART KIT to the side panel of the machine or other convenient location, ensure it is convenient to be scanned by the mobile phone.

**Kindly reminder:** It is better to reserve the other two QR Code in a safe place or take a picture and save it in your own phone.

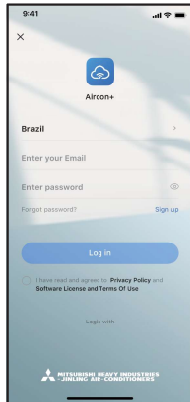


**WARNING:** This interface is only compatible with SMART KIT(Wireless module) provided by the manufacturer.

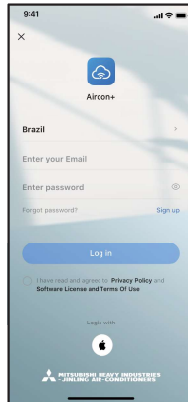
3

## 5 USER REGISTRATION

- Please ensure your mobile phone is connect to Wireless router. Also, the Wireless router has already connected to Internet before doing user registration and network configuration.
- You can log in with your email or mobile account, or log in with a third-party account.
- It needs to be selected according to the country and region where the air conditioner is located in order to obtain better experience and service.

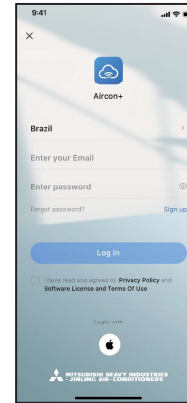


Android

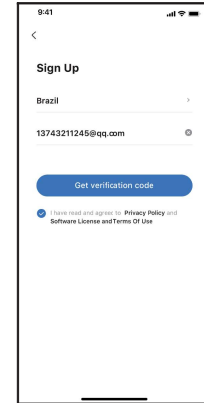


iOS

4

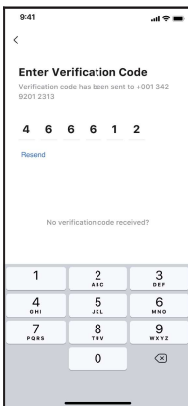


① Click "Sign up"

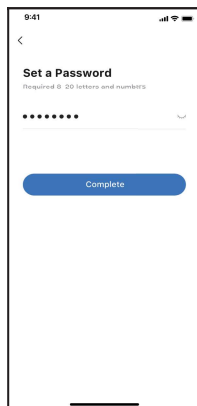


② Enter your email address or phone number and then click "Get verification code"

5



- ③ Enter the verification code, the verification is successful and automatically enter the next step



- ④ Enter a password, format: 8-20 letters and numbers, and then click "Complete"

6

## 6 NETWORK CONFIGURATION

### Cautions

- It is necessary to forget any other around network and make sure the Android or iOS phone must connect to the Wireless network you want to configure.
- Make sure the Android or iOS phone Wireless function works well and can be connected back to your original Wireless network automatically.

### Kindly reminder:

The user must complete all steps within **8 minutes** after the air conditioner enters the distribution mode (AP), otherwise the user needs to re-distribute the network according to the following steps.

(Please note that it will not be able to control the air conditioner once it enters distribution mode (AP). To cancel the distribution mode (AP), the user can re-start the air conditioner by disconnecting the power or unplugging it.)

### ■ Using Android or iOS device to do network configuration

- Make sure your mobile phone has already been connected to the 2.4G wireless network which you want to use. Also, you need to forget other irrelevant wireless network in case it influences your configuration process.
- Power on the device and wait 5 seconds
- ① Turn on the device after connecting the power supply.
  - ② Press and hold control panel "POWER" or "SWING" button more than 3 seconds; or press "SET" button from remote control to enter the function setting, then select (📶) AP mode and press the "OK" button, or press "LED" button on the remote 7 times until the device shows "AP" on the display.
- Description: The specific model may be slightly different, the user can operate according to the actual network distribution guidelines prompted by the App.

7

**Note:**

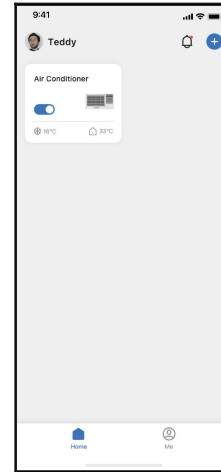
There are two ways to finish the network configuration:

- Network configuration by Bluetooth scan
- Network configuration by select appliance type

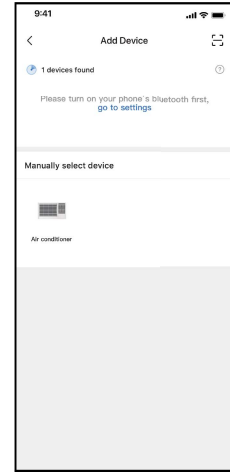
8

**Network configuration by Bluetooth scan**

Note: Make sure the bluetooth of your mobile phone is working.

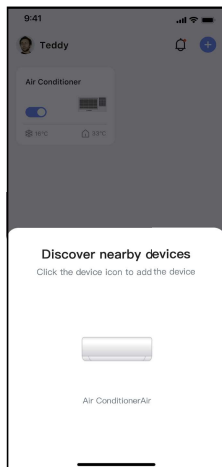


① Press " + "

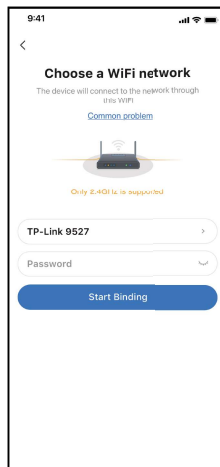


② Enter the current page to enable automatic scanning

9

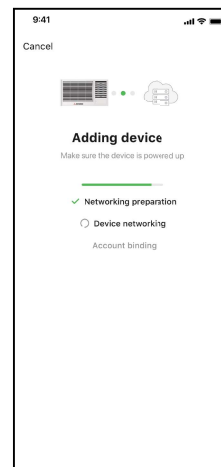


③ Wait smart devices to find, then click to add it

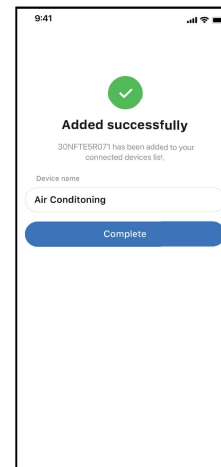


④ Select home wireless network, enter the password

10

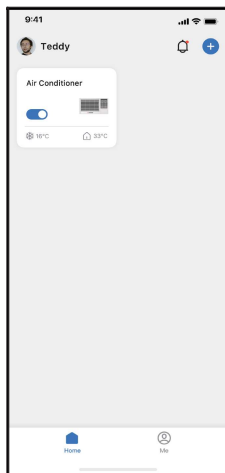


⑤ Wait connecting to the network



⑥ Configuration Success, you can modify the default name.

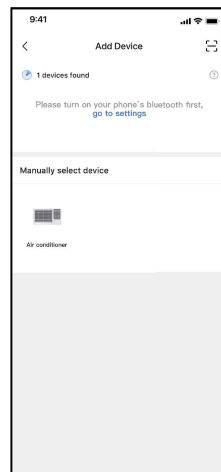
11



- ⑦ Bluetooth network configuration is successful, now you can see the device in the list.

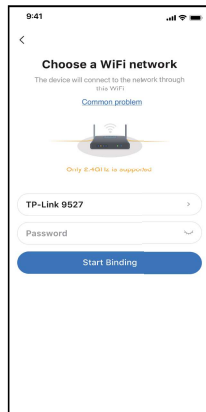
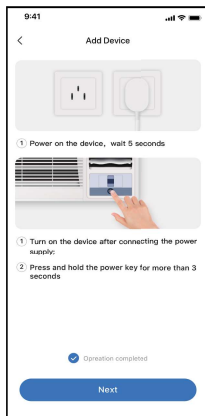
12

## Network configuration by select appliance type :



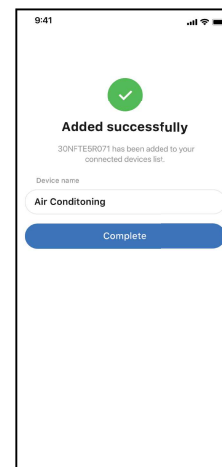
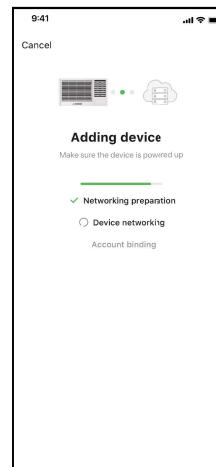
- ① If the bluetooth network configuration is failure, please select the appliance type.

13



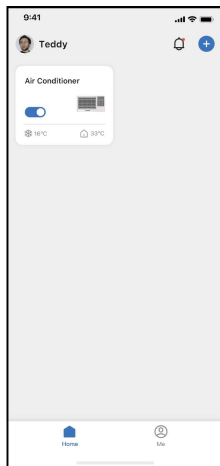
- ② Power on the device and wait 5 seconds
- ③ a. Turn on the device after connecting the power supply.  
b. Press and hold control panel "POWER" or "SWING" button more than 3 seconds; or press "SET" button from remote control to enter the function setting, then select (AP) AP mode and press "OK" button, or press "LED" button on the remote 7 times until the device shows "AP" on the display.
- ④ Please enter password

14



- ⑤ Network configuration is successful

15



⑥ Configuration Success,  
you can see the device  
in the list.

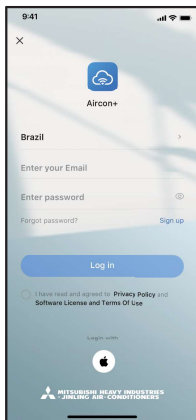
**NOTE:**

- When finishing network configuration, APP will display success cue words on the screen.
- Due to different internet environment, it is possible that the device status still display "offline" . If this situation occurs, it is necessary to pull down and refresh the device list on the APP and make sure the device status become "online" . Alternatively, user can turn off the AC power and turn on it again, the device status will become "online" after few minutes.

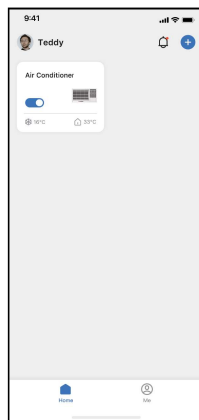


## 7 HOW TO USE THE APP

Please ensure both your mobile phone and air conditioner are connected to the Internet before using app to control the air conditioner via internet, please follow the next steps:

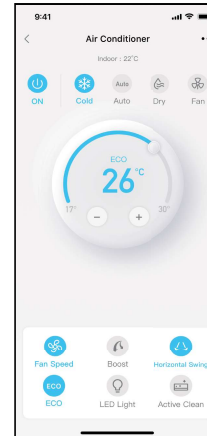


① Click " Log in "



② Choose the Device.

18



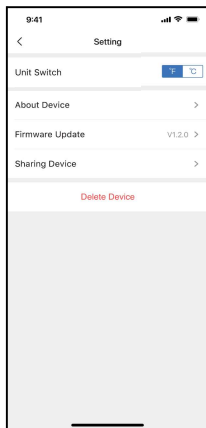
③ Thus, user can control air conditioners on/off status, operation mode, temperature, fan speed and so on.

### NOTE:

Each device functions differently, check the user manual for more information.

19

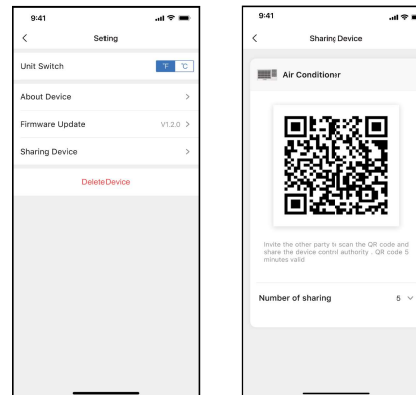
## 8 SPECIAL FUNCTIONS



20

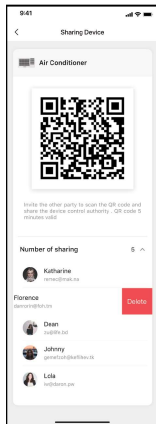
### ■ Share Device

Through the shared device function, multiple users can control the device at the same time.

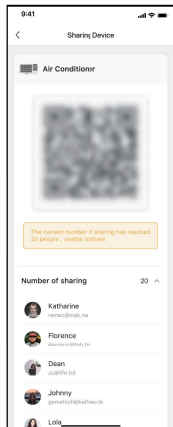


- ① Click "Sharing Device"
- ② Scan the device sharing code

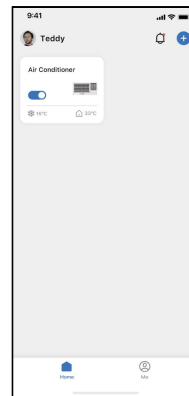
21



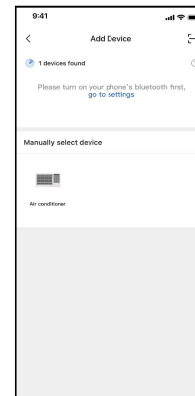
③ Swipe left on a member to delete.



④ When the number of shared members reaches 20, other users will not be able to scan



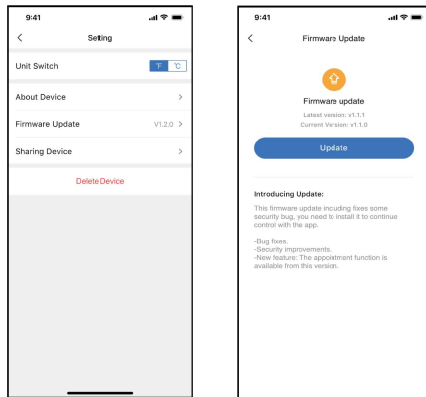
⑤ Other users must log in to the "Dollin Smart" APP first, and click the "+" on the home page to enter the scan entry page



⑥ Now others can add shared devices by clicking the scan symbol in the upper right corner

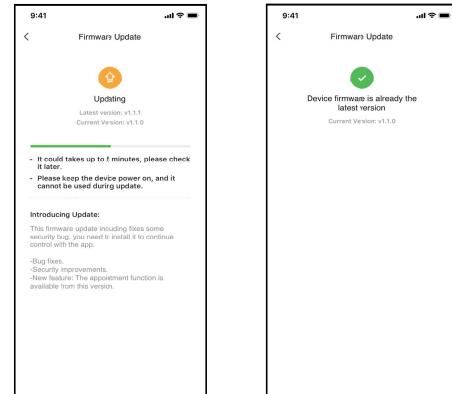
## ■ Firmware Update

Through this function, users can manually update the device firmware to ensure that the device firmware is running with the latest version



- ① Click "Firmware Update" ② When there is a firmware upgrade, you can see the firmware upgrade prompt page. Click "Update".

24



- ③ Check the upgrade status during the upgrade, and go to the next step after the upgrade is complete. ④ The firmware upgrade is completed, and the user can check the latest firmware version. Or when the firmware does not need to be upgraded, it will also enter the current page to view the latest version number.

25

**CAUTIONS:**

**For models of US-OSK105(IOT), EU-OSK105(IOT):**  
FCC ID: 2AS2HMA21  
IC: 24951-MZNA21

This device complies with Part 15 of the FCC Rules and it contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

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.

Only operate the device in accordance with the instructions supplied.

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

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal 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.

**Company will not be liable for any issues and problems caused by Internet, Wireless Router and Smart Devices. Please contact the original provider to get further help.**



---

MITSUBISHI HEAVY INDUSTRIES - JINLING AIR - CONDITIONERS CO., LTD.