Owner's Manual

NOTE: Read the entire instruction manual before starting the installation.

SAFETY CONSIDERATIONS

Installing, starting up, and servicing air−conditioning equipment can be hazardous due to system pressures, electrical components, and equipment location (roofs, elevated structures, etc.). Only trained, qualified installers and service mechanics should install, start−up, and service this equipment.

Untrained personnel can perform basic maintenance functions such as cleaning coils. All other operations should be performed by trained service personnel only. When working on the equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

Follow all safety codes. Wear safety glasses and work gloves. Keep a quenching cloth and a fire extinguisher nearby when brazing. Use care in handling, rigging, and setting bulky equipment.

Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements. Recognize safety information.

This is the safety−alert symbol ⚠. When you see this symbol on the unit or in instructions or manuals, be alert to the potential for personal injury. Understand these signal words: **DANGER**, **WARNING**, and **CAUTION**.

These words are used with the safety−alert symbol. **DANGER** identifies the most serious hazards which will result in severe personal injury or death. **WARNING** signifies hazards which could result in personal injury or death.

CAUTION is used to identify unsafe practices which may result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

⚠ WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death.

Before beginning any modification or installation of this kit, be sure the main electrical disconnect is in the OFF position. Ensure the power is disconnected to the fan coil unit.

On some systems, both the fan coil and the outdoor unit may be on the same disconnect. Tag the disconnect switch with a suitable warning label. There may be more than one disconnect.
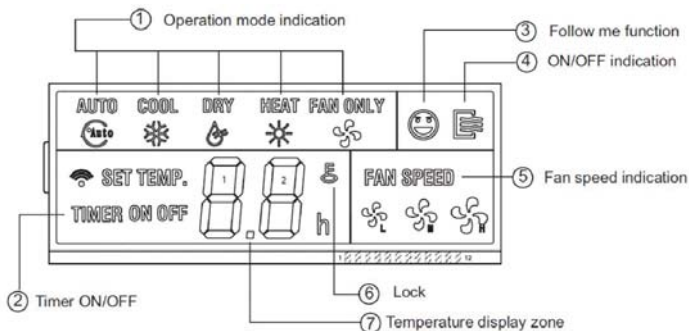
⚠ WARNING

EXPLOSION HAZARD

Failure to follow this warning may result in equipment damage. Never use air or gases containing oxygen for leak testing or operating refrigerant compressors.
Pressurized mixtures of air or gases containing oxygen can lead to an explosion.

CONTROLLER INDICATOR NAMES AND FUNCTIONS

1. OPERATION MODE INDICATION – Press **MODE** to select the: **AUTO**, **COOL**, **DRY**, **HEAT**, **FAN ONLY**, or **AUTO** mode. (**HEAT** mode does not exist on the cooling only model).

2. TIMER – Adjust the **ON** time or **ONLY ON** time setting and the **ON** indicator displays. Adjust the **OFF** time or the **ONLY OFF** time and the **OFF** indicator displays. If the **ON** and **OFF** timer are both set, both the **ON** and **OFF** indicators display.

3. FOLLOW ME – After the temperature is set, the temperature sensor inside the wired controller compares the two temperatures. The air temperature around the wired controller determines the unit's temperature setting. This function is available in the **COOLING**, **HEATING**, and **AUTO** modes.

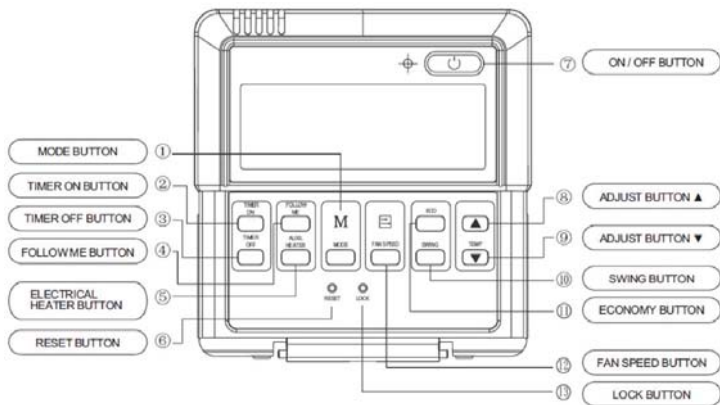4. ON/OFF INDICATOR – The icon appears when the indicator is on.

5. FAN SPEED INDICATOR – There are four fan modes: **LOW**, MIDDLE, **HIGH**, and **AUTO.**

NOTE: Some models do not have the middle fan option.

6. LOCK – Press **LOCK** to disable the other buttons. Press **LOCK** again to enable the other buttons.

7. TEMPERATURE DISPLAY ZONE – The zone displays the set temperature. Press the temperature buttons ▲▼ to adjust the setting. In the **FAN** mode, the temperature buttons do not appear. If there is a preference for °C rather than °F (default), press and hold the increase ▲ and decrease ▼ temperature set point buttons together.

4

WIRED CONTROLLER BUTTONS NAMES AND OPERATIONS

1. MODE – Press to change the operation mode in the following sequence: **AUTO**, **COOL DRY**, **HEAT**, **FAN**, and back to **AUTO**.

2. TIMER ON – Press to activate the **TIMER ON** function. With every press, the time increases 0.5h. After 10h, the time increases in 1h increments. To cancel, set to "0.0".

3. TIMER OFF – Press to activate the **TIMER OFF** function. With every press, the time increases 0.5h. After 10h, the time increases in 1h increments. To cancel, set to "0.0".

4. FOLLOW ME – When in the **COOL**, **HEAT** or **AUTO** mode, press to activate the **FOLLOW ME** function. Press again to deactivate.

5. ELECTRIC HEATER – Press in the **HEAT** mode to deactivate the electrical heater function. (Option only available with Ducted indoor units (limited functionality)).

6. RESET (hidden) – Place a .039 inch (1mm) stick in the hole to cancel the current setting. The wired controller reverts to its original setting.

7. ON/OFF – When the unit is off, press and the indicator appears. The wired controller powers on and sends the setting information to the indoor PCB. When on, press this button, the indicator turns off and sends the instruction. If the **TIMER ON** or **TIMER OFF** function has been set, it cancels the setting and sends instructions to power off the unit.

8. ADJUST ▲ – Press the increase temperature set point button to raise the temperature.

9. ADJUST ▼ – Press the decrease temperature set point button to lower the temperature.

NOTE: The unit confirms the signal receipt with a beep and the set temperature value appears on the display and changes accordingly. The temperature can be set between 62°F (17°C) and 86°F (30°C) in increments of 1°F or 1°C.

10. SWING – Press **START SWING** to start the function and the button again to stop. (This feature may not be available in some models.)

11. ECONOMY OPERATION / SLEEP – Press to operate the indoor unit in the **ECONOMY** mode. Press again to exit this mode (this feature may not be available in some models).

12. FAN SPEED – Press this consecutively and the fan speed cycles in the following direction: **AUTO**, **LOW**, **MEDIUM**, **HIGH**.

13. LOCK (hidden) – Press and all the current settings lock. The wired controller will not accept any operation except **LOCK**. Use **LOCK** when you want to prevent the setting from being changed. Press again to cancel the **LOCK**.

USING METHOD

Automatic Operation

Connect power to the unit and the indoor operation lamp flashes.

1. Press **MODE** and select **AUTO**.

2. Press ▲ and ▼, set the desired temperature. The temperature can be set between 62°F (17°C) and 86°F (30°C) in increments of 1°F or 1°C).

3. Press **ON/OFF** and the operation lamp lights. The air conditioner operates in the **AUTO** mode and the indoor fan mode is **AUTO** and can not be changed. **AUTO** displays on the **LCD**. Press **ON/OFF** again to stop.

4. The **ECONOMY** operation is only available in the **AUTO** mode.

COOL/HEAT/FAN MODE OPERATION

1. Press **MODE**, select **COOL**, **HEAT** or the **FAN ONLY** mode.
2. Press the temperature adjust button to select the setting temperature.
3. Press **FAN SPEED** to select the speeds: **HIGH/MID/LOW/AUTO**.
4. Press **ON/OFF** and the indoor unit operation lamp lights and operates in the selected mode. Press **ON/OF**F again and it stops.

NOTE: When in the **FAN** mode the temperature can not be set.

DRY OPERATION

1. Press **MODE** and select the **DRY** mode.
2. Press the temperature adjust button to select the setting temperature.
3. Press **ON/OFF** and the indoor unit operation lamp lights and it works in the **DRY** mode. Press **ON/OFF** again to turn off.
4. In the **DRY** mode the **ECONOMY** operation and **FAN** speed are not available.

TIMER SETTING

Timer On only

1. Press **TIME ON** and it displays **SET** on the LCD along with **H** and **ON** to indicate it is waiting for the **TIMER ON** setting.
2. Press **TIMER ON** repeatedly to adjust the time setting.
3. Press this button and hold to increase the time by 0.5h. After 10h, the time increases by 1h.
4. After setting 0.5 second, the wired controller sends the **TIMER ON** information and it is complete.

Timer Off only

1. Press **TIME OFF** and it displays **SET** on the **LCD** and **H** and **ON** to indicate it is waiting for the **TIMER ON** setting.
2. Press **TIME OFF** repeatedly to adjust the time setting.
3. Press this button and hold and the time increases by 0.5h. After 10h, the time increases by 1h.
4. After setting 0.5 second, the wired controller sends the **TIMER OFF** information and it is complete.

TIMER OFF AND TIMER OFF BOTH

1. Set the **TIMER ON** time as detailed in the corresponding step 1 and 2.
2. Set the **TIMER OFF** time as described in the corresponding step 1 and 2.
3. The **TIMER OFF** time must be longer than the **TIMER ON** time.

NOTE: .05 seconds after setting, the wired remote controller sends the information and the setting is complete.

CHANGE TIMER

If you need to change the timer's time, press the corresponding button to do so. To cancel the timer, change the time to 0.0.

NOTE: The timer's time is relative. When the timer is set, the standard time can be adjusted.

TECHNICAL INDICATION AND REQUIREMENT

EMC and EMI comply with the CE certification requirements.

Copyright 2016 CAC/BDP. • 7310 W. Morris St. • Indianapolis, IN 46231 Edition Date: 01/16   Catalog No: OMKSACN0101− 02

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations Replaces: OMKSACN0101−01

8