Variable Refrigerant Flow (VRF) System

Wireless Remote Control

Model Number: TYZCRLT200H0UT
TYZCRLT400H0UA

SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, start-up, and servicing of heating, ventilation, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, these units may cause death, serious injury, damage to property, and other hazards. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a situation that could result in property damage only.

NOTICE

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It could also be used to alert against unsafe practices.

Personal Protective Equipment Required!

Installing/servicing this unit could result in exposure to electrical, mechanical and chemical hazards. Before installing/servicing this unit, technicians MUST put on all personal protective equipment (PPE). Always refer to appropriate MSDS sheets and OSHA guidelines for information on proper PPE. When working with or around hazardous chemicals, ALWAYS refer to appropriate MSDS sheets and OSHA guidelines for information on allowable personal exposure levels, proper respiratory protection and handling recommendations. If there is a risk of fire or flash, technicians MUST put on all necessary Personal Protective Equipment (PPE) in accordance with NFPA90A for installations where the vapor pressure of the refrigerant could cause a flash fire. Failure to follow recommendations could result in death or serious injury.

Proper Field Wiring and Grounding Required!

All field wiring MUST be performed by qualified personnel. Improperly installed, these units may cause death, serious injury, damage to property, and other hazards. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

Operating Modes

Press the Mode button to select one of the following operating modes:

- **Note**: The system may not respond to the remote control signal if the building is currently operating in a mode that is in conflict with the mode you are requesting (for example, a request for cooling when the building is currently heating, or vice versa).

  - **Auto**
    - In Auto mode, the indoor unit automatically sets the temperature and fan speed to maintain the selected temperature. If the indoor temperature is too high, a cooling breeze is generated until the room returns to a comfortable level. As the room cools, the fan slows down and maintains a gentle airflow.
  - **Cool**
    - Cool mode is frequently used and you can freely control the temperature, fan speed, and air flow direction in cool mode.
    - When you select heat mode while the unit is in cool mode, the cool mode request is canceled.
  - **Dry**
    - The unit in Dry mode acts like a dehumidifier by removing moisture from the indoor air.
  - **Fan**
    - In Fan mode, you can ventilate your room. Fan operation helps to maintain a satisfactory indoor environment.

Heat

While the unit is in heat mode, be aware of the following:

- There may be a delay before the fan begins running to avoid generating a cold breeze.
- The defrost indicator (shown at left) will appear when frost is being removed from the outdoor unit. When the defrost function is completed, the defrost indicator disappears.
- If you stop heating operation, the fan will continue running for a period of time to cool the unit.
- If you select cool mode while the unit is in heat mode, the heat mode request is canceled.

Notes:

- **2ndF** button changes the function of the Beep Off button to Room and Filter Reset button to Blade. To restore the button function to Beep Off and Filter Reset, press the 2ndF button again.
- Functions not supported by your unit model will not operate, even if they appear on the remote control display.

Operation

To activate a control function, point the remote control towards the remote control receiver of the indoor unit. When you press a button on the remote control, you will hear a beep sound from the indoor unit.

Press the Power button on the unit.

Press the Mode button to set the desired fan speed.
To cancel Sleep Mode, press the Set/Cancel button once again.

When the unit is operating in Cool mode:
1. Press the Sleep Mode button to enter Sleep Mode operation.
2. Press the Sleep Mode button repeatedly to set the off time.
3. Press the Sleep Mode button once again, the Sleep mode operation is canceled.

Note:
- If both the OnTimer/OffTimer and Sleep mode OffTimer functions have been set, only the timer set last is applied.
- If Sleep mode is set > 5 hours, the OnTimer/OffTimer function will be canceled after the set number of hours has passed.
- If Sleep mode is set > 5 hours, the unit will run in Wake up mode during the last hour before operation automatically stops.
  - If you press the Turbo, Mode, or Quiet button during Sleep mode, Sleep mode operation is canceled and the selected mode of operation starts.
  - If both the OnTimer/OffTimer and Sleep mode OffTimer functions have been set, only the timer set last is applied.

On/Off Timer
You can set the unit to turn on/off automatically at the desired time.
Setting the OnTimer while the unit is on / Setting the OffTimer while the unit is on
1. Press On Timer or Off Timer button.
2. Press On Timer or Off Timer button repeatedly to set the time.
3. Press Sleep Mode button to activate Sleep Mode. The Off Timer indicator stops blinking and the set time is displayed.

Turbo Operation
Use Turbo operation to heat or cool a room quickly.
Press the Turbo button (shown at left) on the remote control while in Cool/Heat mode.
The Turbo indicator (shown at left) appears on the remote controller display and the unit operates in Turbo function for 30 minutes. If you press the Turbo button again, the Turbo operation is canceled.

Be aware of these additional facts:
- Turbo function is only available in the Cool/Heat mode.
- If you select the Turbo operation during the Quiet operation, the Quiet operation is canceled.
- You can adjust the air flow direction Up/Down or Left/Right.
- You cannot adjust the set temperature and fan speed.

Figure 5. Buttons used to start the Turbo function

Temperature, fan speed, and air flow direction adjustments
You can set the desired temperature by 1°F within the range of 65°F–86°F.
The fan speed is adjusted automatically according to the Sleep mode.
The air flow direction is adjusted automatically according to the Sleep mode.

Sleep Modes
Fall asleep mode. Provides you with a comfortable sleep environment by rapidly cooling the room.
Sound sleep mode. The sound sleep mode adjusts temperature and air flow to maintain a healthy skin temperature and promote sleep well.
The sound sleep hours can be longer or shorter depending on any change to the Sleep Mode hours.
Wake up from Sleep mode. Provides air flow that adjusts your body temperature, so you wake up feeling refreshed.
Note:
- The recommended temperature setpoint is 77°F-81°F (25°C–27°C). The recommended ideal temperature is 79°F (26°C).
- If Sleep mode is set to > 4 hours, the operation will automatically stop after the set number of hours has passed.
- If Sleep mode is set > 5 hours, the unit will run in Wake up mode during the last hour before operation automatically stops.
- If you press the Turbo, Mode, or Quiet button during Sleep mode, Sleep mode operation is canceled and the selected mode of operation starts.
- If both the OnTimer/OffTimer and Sleep mode OffTimer functions have been set, only the timer set last is applied.

Air Swing Operation
Note: Air Swing Operation is available only with high-wall and convertible ceiling/floor indoor units.
This function allows you to shift the air flow direction up and down or left and right.
1. Press the vertical or horizontal swing button (shown at left) to move the air flow direction up and down or left and right while the unit is on.
2. When the blade reaches the desired position, press the vertical or horizontal swing button one more time to set the air flow direction. The up/down and left/right tilting of the blade will stop.

Figure 2. Buttons used to start Air Swing operation

Figure 6. Button used to start Quiet operation

Figure 7. Button used to start Air Swing operation
Additional options available in On Timer mode
The following additional options are available in On Timer mode:

- You can select from Auto > Cool > Dry > Fan > Heat.
- You can set the desired temperature by 1°F within the range of 65°F–86°F.

Notes:
- If both the On Timer/Off Timer and Sleep mode Off Timer functions have been set, only the timer set last is applied.
- About 10 seconds after setting the On Timer, the set time will be displayed on the remote controller.

Setting the On Timer and Off Timer simultaneously
If the unit is on and the preset time. If the unit is off and the preset time on the On Timer is shorter than the on the On Timer is longer than the time set on the Off Timer time set on the Off Timer
- If the unit is on and the preset time on the On Timer is shorter than the time set on the Off Timer, the unit will turn on after 3 hours and then turn off automatically.
  - The unit will turn on after 3 hours from the moment you have set the timer.
  - After 2 hours, your unit will turn on.
- If the unit is off and the preset time on the On Timer is longer than the time set on the Off Timer, the unit will turn off after 3 hours, hours, and the Off Timer is set for 1 hour:
  - The unit will turn off after 3 hours from the moment you have set the timer.
  - After 2 hours, your unit will turn on.
  - The unit will turn off after 3 hours from the moment you have set the timer.

Notes:
- The On Timer and Off Timer setting times must be different from each other.
- If you press the Set/Cancel button or Power button while the both On Timer and Off Timer are set simultaneously, the functions of both the On Timer and Off Timer are canceled at the same time.

Selecting Rooms
You can operate up to four indoor units separately.
1. With the unit powered on, press the 2ndF button and then press Beep Off/Room button.
2. Select indoor unit from 1 to 4, one at a time, or select all the indoor units by pressing the Room button repeatedly.

Figure 11. Buttons used to select rooms

Selecting Blades
Note: Blade selection is available only with cassette indoor units.
You can operate the four fan blades individually. While the unit is on, press the 2ndF button and select the blade you want to operate by pressing the Filter Reset/Blade button and then pressing the vertical Air Swing button. By pressing the Blade button repeatedly, you can select one or more individual blades or all blades.
Press the horizontal Air Swing button to cancel the selected blade.

Note: When selecting an individual blade, you cannot use the horizontal Air Swing button.

Figure 12. Buttons used to select blades

Changing Batteries
When the battery is drained, the icon shown at left will appear in the remote control display. When this occurs, replace the two 1.5V AAA batteries.

1. Push the lever as the arrow indicates on the rear side of the remote control and pull up.
2. Insert two AAA batteries. Check and match the "+" and "−" signs accordingly. Make sure you have inserted the batteries in the correct position.
3. Close the cover by placing it back to its original position. You should hear a click sound when the cover is locked properly.

Storage
When you do not use the remote control for an extended period of time, remove the batteries and store the device.