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Dallas, Texas, USA



# OPERATION INSTRUCTIONS

## V0STAT52 Wireless In- door Unit Controller

### CONTROLS

507459-01  
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**This manual must be left with the owner for future reference.**

### **IMPORTANT!**

**Frequent changes to operating mode may cause system malfunction. Allow at least one minute between mode changes to allow the system to stabilize.**

### **Shipping and Packing List**

**Package 1 of 1 contains;**  
1 – Wireless Controller  
Not included, two AAA batteries

## General

The VOSTAT52 is a wireless local controller for VRF Heat Pump and Heat Recovery indoor units.

## Requirements

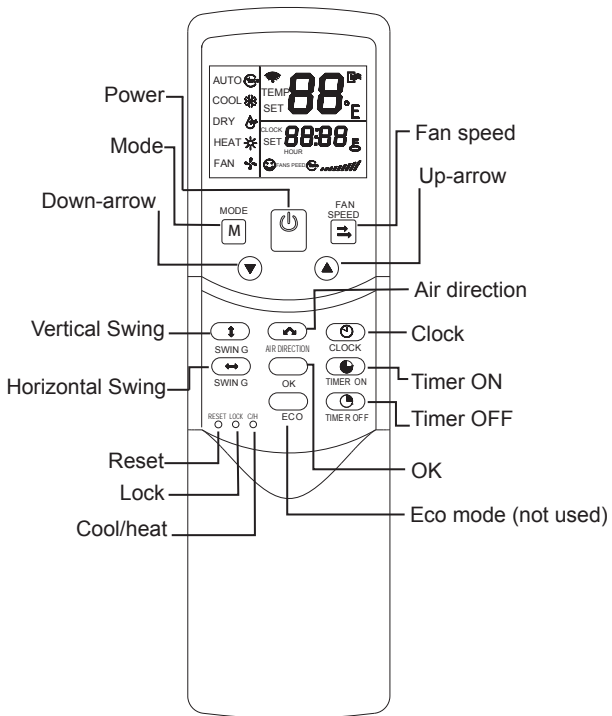
- Point the wireless remote controller directly at the indoor unit it controls. 36ft (11m) maximum distance.
- Wireless remote control requires direct line of sight to indoor unit.
- Do not get wireless remote controller wet or submerge in liquid.
- Avoid placing wireless remote controller in direct sunlight or high temperature locations.
- Always use new AAA batteries.
- Remove batteries if wireless remote controller will not be used for a long period of time.
- Replace the batteries if the indoor unit does not beep when settings are changed using the controller.
- Do not attempt to operate any other devices using this remote controller.

## Specifications

**Table 1. Specifications**

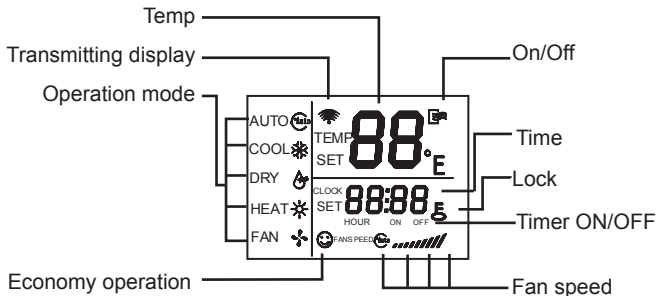
Rated voltage	3.0 VDC (2 AAA batteries)
Min voltage for sending signal to CPU	2.4 VDC
Effective transmitting distance	26-36ft (8m-11m)
Operation conditions	23°F-140°F

## Function Buttons



- **Power button.** Press to turn the indoor unit on or off.
- **Mode button.** Press to scroll through the operation modes: Auto → Cool → Dry → Heat → Fan.
- **Down-arrow.** Press to decrease the temperature setpoint or scroll through settings options.
- **Vertical Swing button.** Press once to initiate louver up & down oscillation. Press again to stop louver oscillation. Louvers remain in place where stopped. Not available in all indoor unit models.
- **Horizontal Swing button.** Press once to initiate louver left & right oscillation. Press again to stop louver oscillation. Louvers remain in place where stopped. Not available in all indoor unit models.
- **Reset button.** Using a blunt pointed device (paper clip), press to cancel current settings and reset remote controller to factory settings.
- **Lock button.** Using a blunt pointed device (paper clip), press to lock or unlock the current setting.
- **Cool/heat button.** Using a blunt pointed device (paper clip), press to shift between Cool only and Cool & Heat modes. Default is Cool & Heat.
- **Fan speed.** Press to scroll through the fan speeds: Auto → Low → Med → High
- **Up-arrow button.** Press to increase the temperature setpoint or to scroll through settings options.
- **Air direction button.** Press to move louvers up & down in 6 degree increments. Louvers remain in place where stopped. Not available in all indoor unit models.
- **Clock button.** Press to set clock time.
- **Timer ON button.** Press to set the number of hours of delay before the indoor unit to begins operation.
- **Timer OFF button.** Press to set the number of hours of delay before the indoor unit stops operation.
- **OK button.** Press to confirm setting.
- **Eco mode button.** Not used.

## Display



- **Temp.** Displays the setpoint temperature. Adjust with up & down-arrow buttons. No display when unit is in Fan mode.
- **Transmitting display.** Icon blinks once when a signal is sent from the wireless remote controller.
- **Running mode.** Displays the selected mode.
- **Economy operation.** Not used.
- **On/Off.** Icon displays to indicate the last command sent by the Power button.
- **Time.** Displays the current time.
- **Lock.** Icon displays when Lock button is pressed.
- **Timer ON/OFF.** Icon lights up to indicate whether the timer is ON or OFF.
- **Fan speed.** Displays the current fan speed.

## Operation Instructions

### Batteries

1. Grasp the controller cover by its sides and slide the cover down to remove.
2. Place batteries into battery compartment.
3. Replace cover onto controller.

### Auto mode

1. Press the Power button, an LED light on the indoor unit displays.
2. Press the Mode button until the display shows AUTO.
3. Adjust temperature setpoint using up and down-arrow buttons.

**NOTE** – Fan speed is auto and is not adjustable.

### Cool/Heat/Fan mode

1. Press the Mode button to select Cool, Heat, or Fan.
2. Adjust the temperature setpoint using up and down-arrow buttons.
3. Press the Fan speed button to select Auto, Low, Med, or High fan speed.
4. Press the Power button to turn on indoor unit, the LED on the indoor unit displays.

**NOTE** – Temperature setpoint cannot be adjusted when in Fan mode.

### Dry mode

1. Press the Power button, an LED light on the indoor unit displays.
2. Press the Mode button to select Dry.
3. Adjust the temperature setpoint using up and down-arrow buttons.

**NOTE** – Fan speed is unavailable.

### Timer operation

Timer ON and Timer Off are used to turn on and turn off the indoor unit at selected intervals.

### Timer ON operation

1. Press the Timer ON button. TIMER displays. HOUR and ON lights up.
2. Press the Timer ON button again and use the up-arrow and down-arrow buttons to set the number of hours of delay before the indoor unit to begins operation. The time will increase in half hour increments until 10 hours, then the increment becomes 1 hour.

### **Timer OFF operation**

1. Press the Timer OFF button. TIMER displays. HOUR and OFF lights up.
2. Press the Timer OFF button again and use the up-arrow and down-arrow buttons to set the number of hours of delay before the indoor unit stops operation. The time will increase in half hour increments until 10 hours, then the increment becomes 1 hour.
4. Press the up-arrow and down-arrow buttons to select minutes.
5. Press the OK button to confirm time.

### **Modify Timer ON/OFF settings**

1. Press either the Timer ON button or the Timer OFF button to modify that setting.
2. Use the up-arrow and down-arrow buttons to change the timed operation intervals.
3. Set the timer to 0.0 to turn off timed operation.

### **Set Clock Time**

1. Press and hold the Clock button for 5 seconds, the Hour indicator will display.
2. Press the up-arrow and down-arrow buttons to select hour.
3. Press the Clock button again, the Minute indicator displays.