Remote Control
Features & Functions
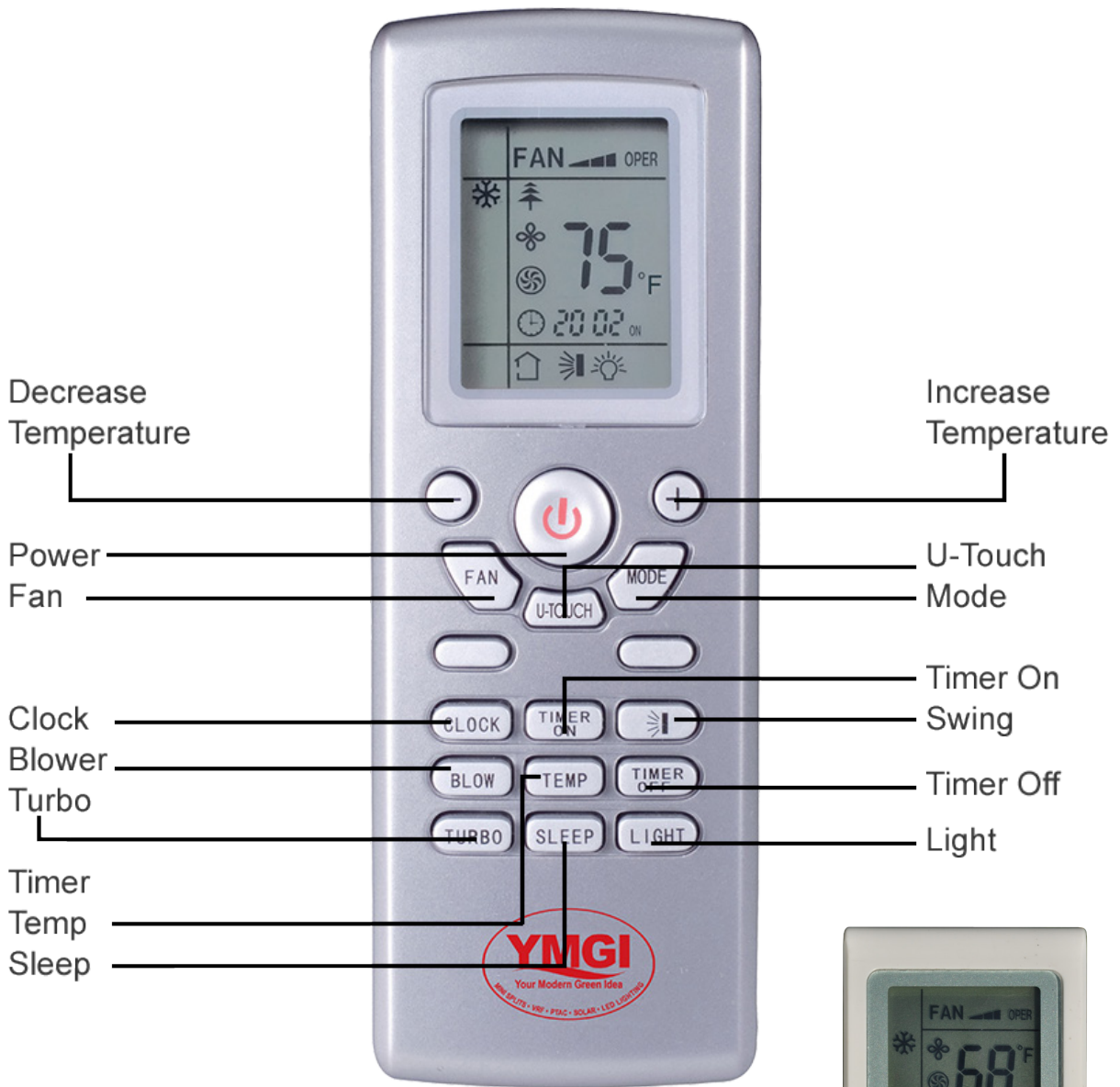
YMGI
Your Modern Green Idea

FAN ◢◢◢ OPER

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❀ **75** °F
🌀
🕐 20 02 ON
⌂ 🌙 🔆

⊖ ⏻ ⊕

FAN   MODE
U-TOUCH

CLOCK | TIMER ON | 🌙|
BLOW | TEMP | TIMER OFF
TURBO | SLEEP | LIGHT

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MINI SPLITS • VRF • PTAC • SOLAR • LED LIGHTING

Decrease Temperature

Increase Temperature

Power

Fan

U-Touch

Mode

Clock

Timer On

Swing

Blower

Turbo

Timer Off

Light

Timer

Temp

Sleep

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Basic Functions

Cooling Mode
- Fan motor and swing works in COOLING MODE
- Indoor unit will run under the original status when outdoor unit malfunctions or stops operating due to run protection, malfunction displays.
- The fan motor will stop when modes conflict. (If the system is set to heat, and you attempt to run your indoor unit to cool, or vice versa.)
  The temperature setting range is 61-86°F under the COOLING mode.

Dehumidify Mode
- Fan motor runs at LOW speed, SWING functions normally.
- Indoor unit will run under the original status when outdoor unit malfunction or stop to run protection, malfunction displays.
- The temperature setting range is 61-86°F under the DRY mode.

Fan Mode
- In this mode, only indoor the Fan is running. Under auto fan speed, it will run by cooling auto fan.

Heating Mode
- When the unit is initially powered on in HEAT mode, the unit will preheat before the fan begins to blow, so it does not blow cold air into the room.
- When the Outdoor Unit is shut off in HEAT mode, the Indoor Unit will continue to run and blow residual heat out before powering off completely.
- Indoor fan motor will stop when the unit is in DEFROST MODE or the system need to perform an Oil Return function. This process takes approximately 3 minutes to complete.
- In the event of a compressor or overheat malfunction, the indoor fan motor will continue to run, to blow out residual heat before the unit shuts down.
- The temperature setting range is 61-86°F under the mode.

Auto Mode
In AUTO mode, the unit will automatically set the room temperature to 77°F, and maintain that temperature. In this mode, the unit will select the cooling, heating running mode or fan mode automatically according to changes of the ambient temperature.

For multi-zone systems we do not recommend this mode of operation unless all of the Indoor Units are set to AUTO mode, as it will create Mode Conflicts if you attempt to run any of your other Indoor units in COOLING or HEATING mode.

Mode Conflicts
All Indoor Units on a system MUST run in the same mode, either all COOLING or all HEATING. With a 2 (or more) Indoor Unit system, you cannot run one Indoor Unit in COOLING Mode and one in HEATING. Attempting to do this will create a mode conflict, and you will receive an E7 Error Message on your Indoor Unit Display.

Also, if you have set the TIMER ON function, and the mode for that Indoor Unit conflicts with other Indoor Units operating when the TIMER ON function attempts to turn the system on, it will also create a Mode Conflict and shut down the Indoor Unit.

To correct a Mode Conflict issue, turn all of the Indoor Units off, and restart them all in the same mode.

In the event a restart doesn't clear the error, you may need to shut power off to the entire HVAC system, wait approximately 10 minutes and restart the system, making sure all Indoor Units are in the same Mode.

Beep
When the system is the Indoor Unit will BEEP when it recieves a command from the REMOTE CONTROL.

Auto Button
Press the button when turn off the unit, the unit runs by auto mode, indoor fan motor runs under auto fan speed, turn on swing. Press auto button under the unit is ON, it will OFF.

Auto Fan Speed Control
Under COOL, HEAT, FAN modes, the Indoor Unit fan will set the Fan speed to Hi, Medium or Low automatically based on changes of the ambient temperature. In FAN mode the AUTO FAN speed will set to low. The fan speed will shift every 3.5 minutes.

Sleep Function
In COOLING and FAN modes, the SLEEP function works as follows:
During the 1st Hour, the Set Temperature will be allowed to increase 1°F. In the 2nd Hour the Temperature will increase 2°F. The Indoor unit will remain at that temperature. The Temperature will not exceed 86°F even after setting the SLEEP function.

In HEATING mode, the Set Temperature will be allowed to decrease 1°F. In the 2nd Hour the Temperature will decrease 2°F. The Indoor unit will remain at that temperature. The Temperature will not exceed 61°F even after setting the SLEEP function.

The set temperature will not change when FAN or AUTO mode are selected, and SLEEP mode is selected.

TIMER Function
The TIMER ON/OFF function uses a 24 hour clock, so 1:00 PM will display as 13:00, 2:00 PM will display as 14:00, etc. In order for the TIMER ON/OFF to operate correctly you will need to set the CLOCK on the REMOTE CONTROL.

CLOCK
• Press the CLOCK button on your REMOTE CONTROL. The CLOCK ICON will blink. When it is blinking you can use the TEMPERATURE INCREASE (+) or TEMPERATURE DECREASE (-) buttons to set the CLOCK to the current time.
• Once you have the clock set to the correct time, press the CLOCK button a second time. The CLOCK ICON will stop blinking.

TIMER ON
When the unit is OFF the REMOTE CONTROL will turn on in whichever mode you had selected when the Indoor Unit was last running.

To set the TIMER ON push the TIMER ON button on your remote control. When the word "ON" is blinking, you can use your TEMPERATURE INCREASE or TEMPERATURE DECREASE BUTTONS to set the time for your Indoor Unit to turn on.

Example: If you would like your Indoor Unit to turn on at 8:00 AM, you would set the TIMER ON time to 8:00. If you would like your Indoor Unit to turn on at 3:00 PM, you would set the TIMER ON time to 15:00.

The timer functions will run every day. To stop the TIMER ON function, press the TIMER ON button one time. When you see the word "ON" is not displayed next to the current time on the CLOCK, the TIMER ON function is inactive.

REMOTE CONTROL FUNCTIONS

TIMER OFF
To set the TIMER OFF push the TIMER OFF button on your remote control. When the word "OFF" is blinking, you can use your TEMPERATURE INCREASE or TEMPERATURE DECREASE BUTTONS to set the time for your Indoor Unit to turn on.

Example: If you would like your Indoor Unit to turn on at 5:00 PM, you would set the TIMER OFF time to 17:00. If you would like your Indoor Unit to turn on at 1:00 AM, you would set the TIMER ON time to 1:00.

The timer functions will run every day. To stop the TIMER OFF function, press the TIMER OFF button one time. When you see the word "OFF" is not displayed next to the current time on the CLOCK, the TIMER OFF function is inactive.

When both times are set on your REMOTE, you will see ON/OFF next to the CLOCK on the REMOTE CONTROL display.

You can set the TIMER ON and TIMER OFF buttons independently. If you set the TIMER ON button with no OFF time, the Indoor Unit will run until manually turned off. If you set the TIMER OFF button with no ON time, the unit will shut down at the set time, and remain off until manually turned on.

Memory Function
Your REMOTE CONTROL will store: MODE, SWING, LIGHT, TEMPERATURE, FAN SPEED, and TIME. It will not store TIME ON or TIME OFF settings.

In the event that your system loses power, or is shut off, when power is restored, it will restart with the stored settings.

U-TOUCH Function
The U-TOUCH function is an easy way for you to stay comfortable. When you are in a room, and are comfortable, press the U-TOUCH button, and the system will run at the current ambient temp detected by REMOTE. The REMOTE will automatically communicate with the Indoor Unit every 10 minutes, and adjust to keep the Indoor Unit settings to keep the area near the REMOTE CONTROL at the exact temperature settings as when it was activated.

If the REMOTE CONTROL is out of range or loses contact with the Indoor Unit, after 10 minutes, the system will turn off U-TOUCH and resume normal function at the previous settings.

If U-TOUCH is not in use, all ambient temperatures will be sampled using the sensor on the Indoor Unit.
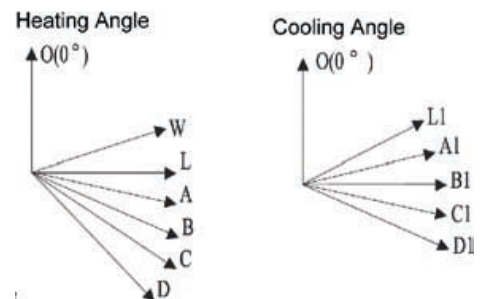
Turbo Function
The TURBO function can only be used in COOLING or HEATING modes. When the TURBO function is engaged, the Indoor Unit Fan will go to High speed, and signal the Outdoor Unit to go to high output to quickly cool off or warm up your room.

Swing (up and down) Function
After turning on the system, the Indoor Unit will automatically point itself to position D under heating mode, and position L under any other mode. There are 7 positions that the guide louver can be set to.

When in COOLING Mode, the SWING Function operates to blow COOL air upward, as cold air falls. When the SWING Function is activated, the guide louver will pivot between positions L1 and D1.

In HEATING Mode, the SWING Function operates to blow WARM air downward, as warm air rises. When the SWING Function is activated, the guide louver will pivot between positions L and D.

When the Indoor Unit is switched off, the louver will close to position 0.
The SWING can only be activated when the SWING Function is turned on while the fan is running on the Indoor Unit.

Cooling	Heat	Set Temperature	Power	Dehumidify

Unit Display
The Display on the Indoor Unit will only show current settings when the LIGHT function is turned ON.

If the Indoor Unit shows nothing on the display, press the light button to see your current settings.

COOLING: Temperature is indicated and POWER and COOLING icons are lit
HEATING: Temperature is indicated and POWER and HEATING icons are lit
DEHUMIFY: Temperature is indicated and POWER and DEHUMIDIFY icons are lit
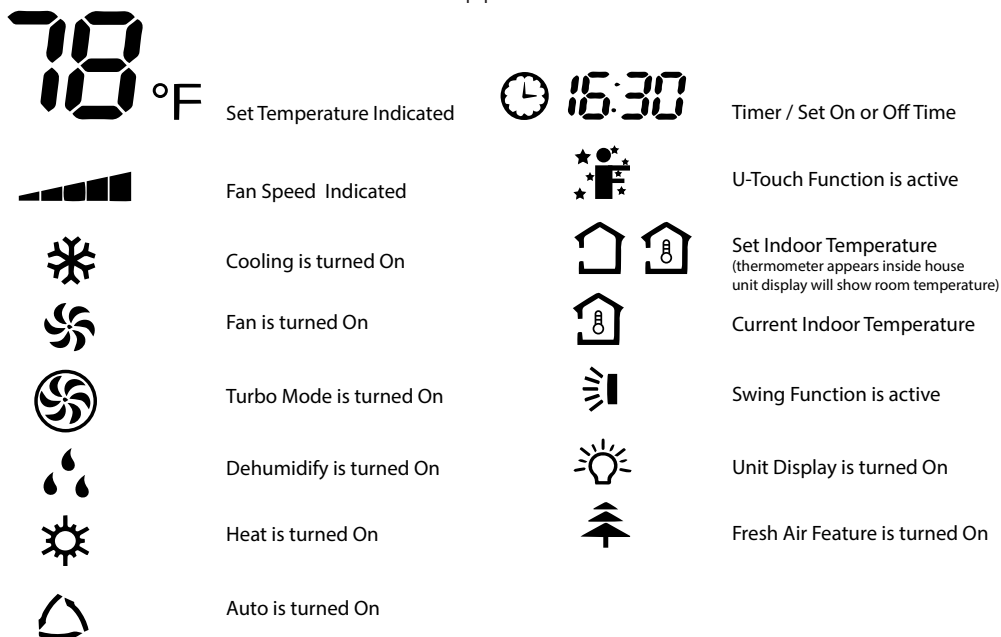FAN: Temperature is indicated and POWER icon is lit
AUTO: Temperature is indicated and POWER icon is lit.

Remote Control Display
Basic Display
When the system is turned OFF, the REMOTE will display only the time and the temperature.
When the system is turned ON, the display will show the current settings of the system. The following graphic demonstrates each function and the icon that will appear on the REMOTE CONTROL when it is selected.

78°F	Set Temperature Indicated	16:30	Timer / Set On or Off Time
	Fan Speed Indicated		U-Touch Function is active
	Cooling is turned On		Set Indoor Temperature (thermometer appears inside house unit display will show room temperature)
	Fan is turned On		Current Indoor Temperature
	Turbo Mode is turned On		Swing Function is active
	Dehumidify is turned On		Unit Display is turned On
	Heat is turned On		Fresh Air Feature is turned On
	Auto is turned On		

Changing between °C and °F
To change between °C and °F, press the power button to turn the remote off. Then press the "Mode" and "-" button simultaneously. Press the power button. Your remote should now display the temperature in the desired measurement unit.

REMOTE CONTROL FUNCTIONS

Locking the Remote
Press "+" and "-" buttons simultaneously to lock or unlock the keyboard. If the remote control is locked, the 🔒 icon will be displayed on it, in which case, press any button, the mark will flicker for three times. If the keyboard is unlocked, the icon will disappear.

Dual-8 Display
The DUAL 8 Display will show the current temperature setting. The setting range is 61-86°F. It will display 77°F in AUTO mode.

When checking the room temperature, the temperature range for the sensor is 32-86°F on the indoor temperature displays.

Fan Speed Display
Press the FAN SPEED button to select the air flow speed you want:
Low: Remote displays
Med: Remote displays
Hi : Remote displays
Auto: Remote displays icon blinks

Indoor Unit Malfunction Lamp Display
If your system has a malfunction, it will display on the Indoor Unit Display. In the event that multiple malfunctions occur with your unit, the display will cycle through the Error Codes on the Indoor Unit Display at half second intervals.

The indoor temperature sensor malfunction is not inspected during defrost, or oil return period.

Error Codes

Malfunction Name	Dual-8 Display	Running Lamp	Heating Lamp	Cooling Lamp
The system is abnormal (anti-high temp. power off, cooling overload)	H4		Blink 4 times	
Compressor overload protection	H3		Blink 3 times	
Module protection	H5		Blink 5 times	
High-pressure protection	E1	Blink once		
Anti-freeze protection power-off	E2	Blink twice		
Discharge temperature protection	E4	Blink 4 times		
Low voltage over-current protection	E5	Blink 5 times		
Mode clash	E7	Blink 7 times		
Communication malfunction	E6	Blink 6 times		
Defrost or heating oil return	H1		Blink once	
The indoor ambient temperature sensor is open, short circuit	F1			Blink once
Any indoor evaporator temperature sensor is open, short circuit	F2			Blink twice
The outdoor ambient temperature sensor is open, short circuit	F3			Blink 3 times
The outdoor condenser temperature sensor is open, short circuit	F4			Blink 4 times
The outdoor discharge temperature sensor is open, short circuit	F5			Blink 5 times
Fail to start up	H7		Blink 7 times	
PFC malfunction	HC		Blink 6 times	
Compressor demagnetizing protection	HE		Blink 14 times	
The malfunction below need used by to be remote control, it will display when press sleep button 6 times continuously in 3S, and exit inspect state(it is not valid under auto mode) automatically in 5min, or will exit when press sleep button 6 times continuously in 3S.				
Cooling overload down frequency	F6			Blink 6 times
Unit overflow down frequency	F8			Blink 8 times
Compressor discharge down frequency	F9			Blink 9 times
Unit AC voltage decreasing down frequency	E0	Blink 10 times		
Heating anti-high temperature down frequency	H0		Blink 10 times	
Anti-cool air protection	E9	Blink 9 times		
Cooling oil return	F7			Blink 7 times

Product Series:		WMMS Indoor Units				VRF Indoor Units						
Control Options/Combinations		EW	EC	EU	EF	EW	EC	EU	EF-L	EF-M/H	FA	UC
	Remote Control	●	●	●		●	●	●				
	Wall Control		●	●	●	●	●	●	●	●	●	●
	Bridge Control	●	●	●	●	●	●	●	●	●	●	●
	Wall Control, & Remote Contol		●	●	●	●	●	●	●	●	●	●
	Wall Control & Bridge Control		●	●	●	●	●	●	●	●	●	●
	Wall Control, Bridge Control & Thermostat		●	●	●	●	●	●	●	●	●	●
	Wall Control & WiFi Control		●	●	●	●	●	●	●	●	●	●
	Wall Control, WiFi Contol & Smart Phone		●	●	●	●	●	●	●	●	●	●
	Wall Control, Bridge Control, Thermostat & Computerized Group Control		●	●	●		●	●	●	●	●	●

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YMGI is dedicated to designing, manufacturing and distributing the highest quality, energy saving and environmentally friendly air conditioner and heat pump products, while providing the best service and support to all of our customers. Our mission is to help build a sustainable, efficient and green world.

YMGI Symphony-Ductless & Ducted Heat Pump & Heat Recovery:

- **Symphony SOLAR DC Inverter**
  (56) Single PV, (79) Single PH 12-18K Btu/h
  (86) Single Zone All DC 09-24K Btu/h
  (55) Multi Zone Solar VRF 3, 4, 8, 16, and 24 Ton
- **Symphony SOLO DC Inverter**
  (54) Series -22 °F Heat Pump and Universal Cabinet
  (57)2,3 Single Zone 16 SEER, 09-36K Btu/h
  (58)4, (78)1-Single Zone 18-23 SEER, 09-36K Btu/h
- **Symphony CHOIR DC Inverter**
  (46)2 DC Inverter Multiple Zone 15 SEER, 2x09K and 2x12K Btu/h
  (59)2S-DC Inverter Multiple Zone 16 SEER 6x09K to 9x09K Btu/h
  (59)4-DC Inverter Multiple Zone 21 SEER 2x09K to 5x12K Btu/h
- **Symphony VRF - DC Inverter HP, Heat Recovery, and Solar. Up to 64 zones.**
  (55)5 -4°F Heat Pump, Heat Recovery
  (55)5 -22°F Ultra HeatingHeat Pump, Heat Recovery
  Air Source and Water Source
- **Symphony HARMONY-Packaged Self-Contained**
  42"x16" PTAC/PTHP Electric Heater or Hot Water Coil
  26"x16" TTWA
  VPAK
- **Symphony CONDUCTOR-Split Type Condensing Units**
  Side Discharge VRUO, YTAC & SHCR