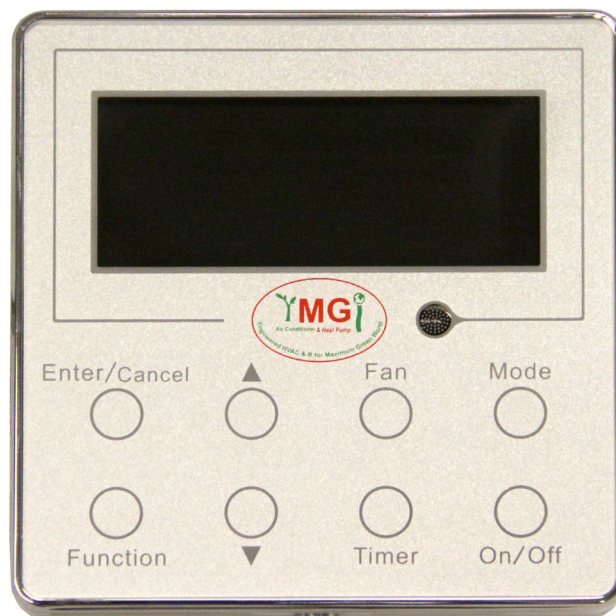




Wall Mount Control Features & Functions



WMMS-M6-WallControl Wired Wall Mount Control

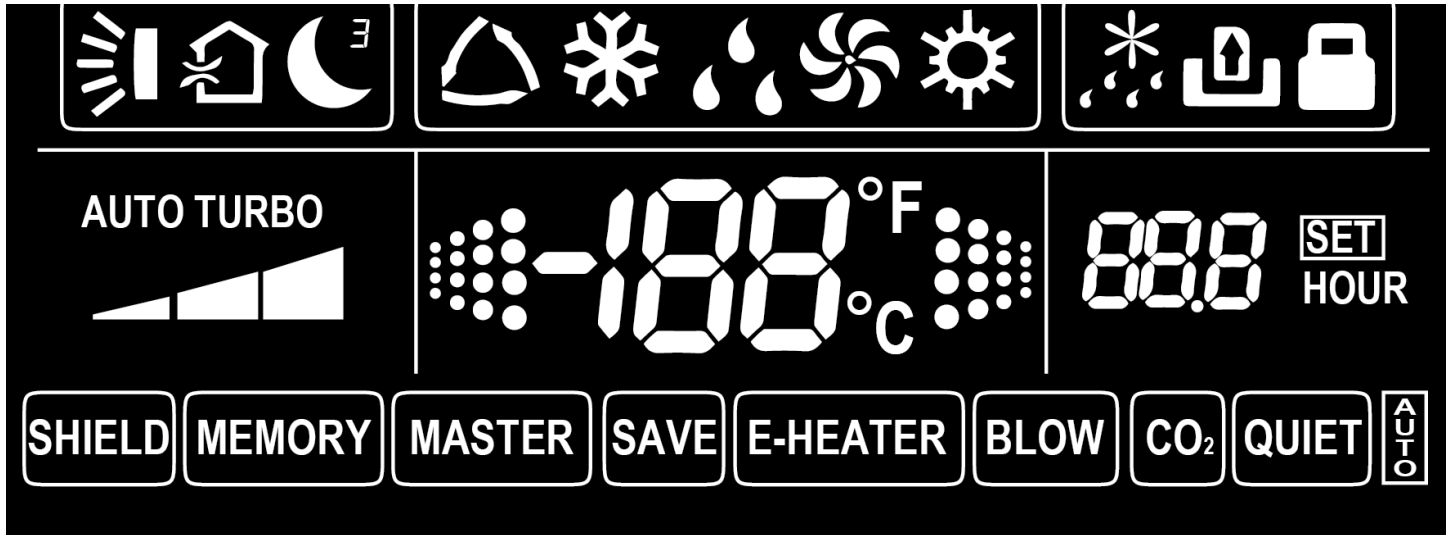
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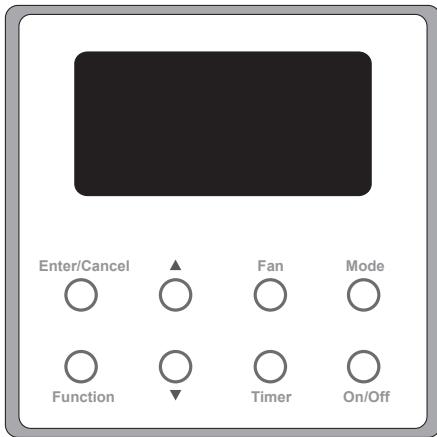
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Wall Mount Control Digital Display



Wall Mount Control Buttons



Along with the Wall Mount Control, Ceiling Cassette, Floor/Ceiling Mount, and the Recessed Indoor Units and the Universal Air Handling Unit may come with a Remote Control.

The Remote Control can be used to send commands to the Wall Mount Control for operation of your Indoor Unit.



Button	Function
Enter/Cancel	Function selection and cancellation
▲	<ul style="list-style-type: none"> Temperature setting of the indoor unit. Range: 61-86 °F / 16-30 °C Timer setting, Range: 0.5-24 hr
▼	
Fan	Set High / Med / Low / Auto Fan Speed
Mode	Select Cool / Heat / Fan / Dry / Auto Operating Mode of the Indoor Unit
Function	Select Turbo / Save / E-heater / Blow / Sleep / Swing Functions
Timer	Timer setting
On/Off	Indoor Unit Power Button
Mode + ▲	Press both buttons for 5 seconds while Indoor Unit is OFF to Enter/Cancel the Memory function. When Memory is set the Indoor Unit will store settings, so that in the event of a power loss, the Indoor Unit will resume with your personalized settings when power is restored. If Memory is not set, the indoor unit is defaulted to be turned off after power recovery. The Memory function is off by default before installation.
Fan + ▼	Press both buttons simultaneously when the Indoor Unit is OFF. ❄️ will be display on the Wall Mount Control to identify a Cooling only unit, ⚙️ will be display on the Wall Mount Control to identify a Cooling and Heating unit.
▲ + ▼	Press both buttons for 5 seconds while Indoor Unit is OFF to Start/Cancel the Lock function. No buttons will respond while in Lock mode. To Unlock press both buttons again and hold them for 5 seconds.
Mode + ▼	Press both buttons for 5 seconds while Indoor Unit is OFF to switch between C° and F°.

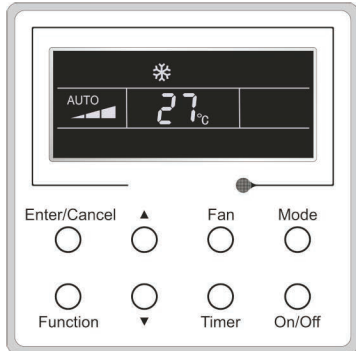
WALL MOUNT CONTROL FUNCTIONS



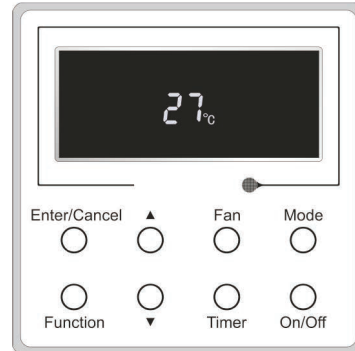
Basic Functions

ON/OFF

Press On/Off to turn ON your Indoor Unit. Pressing this button again will turn OFF the Indoor Unit. The illustrations show how your Wall Control Unit will appear when your system is ON or OFF.



Indoor Unit ON



Indoor Unit OFF

The temperature setting range is 61-86°F or 16-30°C under the COOL mode.

MODE

While your Indoor Unit is ON, you can select what mode you would like it to operate in. When pressed the Mode button will cycle through the operating settings in the following order:

AUTO – COOL – DEHUMIDIFY – FAN - HEAT

TEMPERATURE

Press ▲ to increase or ▼ to decrease the set temperature. Holding down the ▲ or ▼ button will increase or decrease the set temperature 1°F every 0.5 seconds.

In COOL, DEHUMIDIFY, FAN or HEAT Modes the temperature range is 61-86°F or 16-30°C.

In AUTO mode the temperature setting is not adjustable.

FAN

When your Indoor Unit is ON, the FAN button allows you to control the Fan Speed. The Fan button will cycle through the operating settings in the following order:

AUTO – LOW – MEDIUM - HIGH

AUTO

AUTO Mode is a factory preset that will automatically switch your system between HEAT and COOL to maintain 77°F.

Mode Conflicts

All Indoor Units on the same system MUST run in the same mode, either all COOL or all HEAT. With a 2 (or more) Indoor Unit system, you cannot run one Indoor Unit in COOL Mode and another in HEAT. Attempting to do this will create a mode conflict, and you will receive an E7 Error Message on your Indoor Unit Display, additionally all Indoor Units will not run until mode selection is the same Mode setting on all Indoor Units.

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.

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



REMOTE CONTROL FUNCTIONS

SETTING THE ON/OFF TIMER

When your Indoor Unit is ON, press Timer to set TIMER ON/OFF.

The Timer range is 0.5 – 24 hours. Each press of the ▲ or ▼ button will increase or decrease the set value by 0.5 hours. If you hold the button down, the time increment will increase or decrease by 0.5 hours every half second.

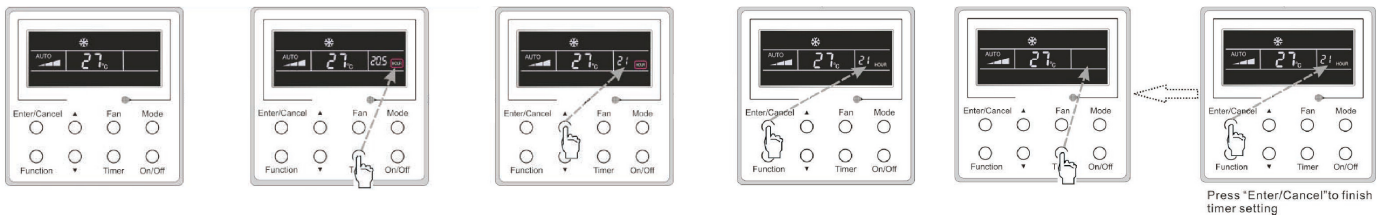
TIMER ON

When your Indoor Unit is turned OFF, you can set the ON Timer by pressing the TIMER button. The LED Display will show “XX.X HOUR”, with “HOUR” blinking. This indicates how long the system should wait before turning your Indoor Unit ON.

TIMER OFF

When your Indoor Unit is turned ON, you can set the OFF Timer by pressing the TIMER button. The LED Display will show “XX.X HOUR”, with “HOUR” blinking. This indicates how long the system will run before turning your Indoor Unit OFF.

If the LED Display does not display the “XX.X HOUR” icon, it means the Timer setting has been cancelled.



The Function button will allow you to operate SWING, SLEEP, TURBO and Blow functions. You will need to press the button to cycle through the different features the Function button controls.

SWING

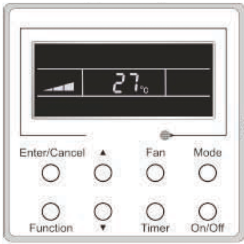
On select models of Indoor Units, the Swing function operates the motorized air louvers. This helps circulate air in a room, and can alleviate warm or cold spots.

To turn ON the SWING function, press the Function button repeatedly, until the SWING icon appears on the LED Display of the Wall Mount Control. When the SWING icon blinks, press the Enter/Cancel button to turn the function ON. The SWING icon will remain on the display.

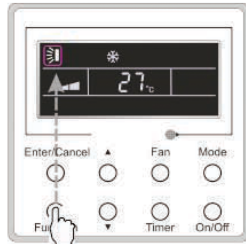
To turn OFF the SWING function, press the Function button repeatedly, until the SWING icon appears on the LED Display of the Wall Mount Control. While the SWING icon blinks, press the Enter/Cancel button to turn the function OFF. The SWING icon will no longer appear on the display.

If you do not press the Enter/Cancel button to turn ON/OFF the function, the Wall Mount Control will continue its preset operation after 5 seconds.

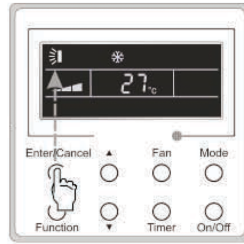
REMOTE CONTROL FUNCTIONS



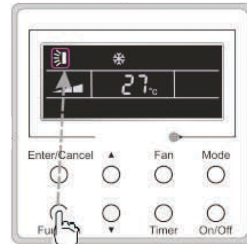
The Indoor Unit should be ON to set the SWING Function On



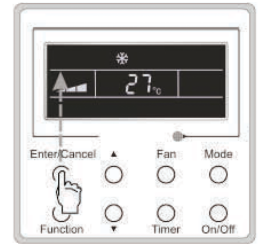
Press the FUNCTION button until the SWING icon appears on the Wall Mount Control Panel.



Press the ENTER/CANCEL button to turn ON the SWING Function.



To turn OFF the SWING Function Press the FUNCTION button until the SWING icon appears on the Wall Mount Control Panel.



Press the ENTER/CANCEL button to turn OFF the SWING Function. The SWING icon will no longer appear on the display.

SLEEP

The SLEEP function allows a gradual raising of the set temperature of a room in cooling season, and a gradual dropping of the set temperature of a room in heating season. This function is designed to reduce energy usage while you sleep or the room is not in use, while maintaining the room comfortable.

In the COOL or DEHUMIDIFY mode, the temperature will increase by 1°F after the unit runs under Sleep 1 Mode for 1 hour, and will increase another 1°F the following hour. Once the room temperature has increased 2°F, the unit will maintain this temperature until SLEEP mode is turned off.

In the HEAT mode, the temperature will decrease by 1°F after the unit runs in Sleep 1 Mode for 1 hour, and will decrease another 1°F the following hour. Once the room temperature has decreased 2°F, the unit will maintain this temperature until SLEEP mode is turned off.

To turn ON the SLEEP function, press the Function button repeatedly, until the SLEEP icon appears on the LED Display of the Wall Mount Control. When the SLEEP icon blinks, press the Enter/Cancel button to turn the function ON. The SLEEP icon will remain on the display.

To turn OFF the SLEEP function, press the Function button repeatedly, until the SLEEP icon appears on the LED Display of the Wall Mount Control. When the SLEEP icon blinks, press the Enter/Cancel button to turn the function OFF. The SLEEP icon will no longer appear on the display.

TURBO

TURBO function is designed to allow you to reach the set temperature in your room as quickly as your system is capable.

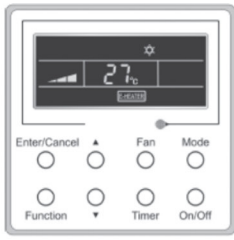
While your Indoor Unit is in the COOL or HEAT mode, press the Function button, until the Wall Mount Control selects the TURBO interface. Press the Enter/Cancel button to turn ON the TURBO function. The TURBO icon will appear on your Wall Mount Control's LED Screen.

To turn OFF the TURBO function, press the Function button until TURBO is selected, and press Enter/Cancel button. The TURBO icon on the display will disappear.

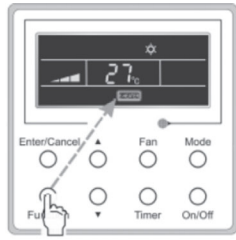
While your Indoor Unit is in the COOL or HEAT mode, press the Function button, until the Wall Mount Control selects the TURBO interface. Press the Enter/Cancel button to turn ON the TURBO function.



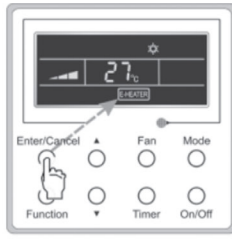
REMOTE CONTROL FUNCTIONS



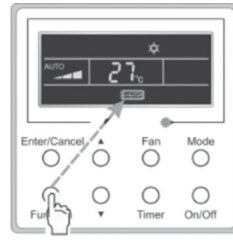
Make sure your system is running in HEAT Mode



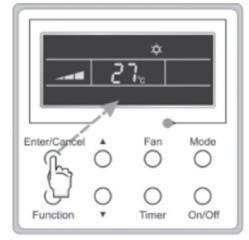
Press the FUNCTION button until E-HEATER is selected on the LCD Display



Press the ENTER/CANCEL button. E-HEATER is now selected, and will automatically turn on as needed.



To turn OFF the E-HEATER Mode press the FUNCTION button and select E-HEATER.



Press the ENTER/CANCEL button, and E-HEATER Mode will be turned off.

E-HEATER



E-Heater is the auxiliary electric heating function. When your system is in HEAT mode, you can turn on the E-Heater function for improved efficiency. Once this function is set, E-Heater will run automatically whenever the system is in HEAT mode.

To turn ON the E-HEATER function, while the system is running in HEAT mode, press the Function button select E-Heater. Once the E-Heater icon is visible, press the Enter/Cancel button.

On Indoor Units that do not have an auxiliary heater, this Mode does not function.

BLOW



The BLOW function is a maintenance function designed to prevent mildew from growing on the coils of your Indoor Units. By running the fan on your Indoor Unit for a few additional minutes after normal operation, it evaporates water that may have condensed on the coil. This is helpful in very humid climates.

When the BLOW function is activated, the Indoor Unit fan will run at low speed for 2 minutes to help evaporate any moisture that is present on the coil. When BLOW function is not active, the system will shut off immediately. The BLOW function will only work when the Indoor Unit operates in COOL or DEHUMIDIFY modes, and does not operate in FAN or HEAT modes.

While your Indoor Unit is running in COOL or DEHUMIDIFY Mode, press the Function button until BLOW is selected. Once it is highlighted, press the Enter/Cancel button. The BLOW function is now activated.

To turn OFF the BLOW Function, press the Function button until the BLOW setting is selected, and hit the Enter/Cancel button. The BLOW button will no longer appear on the LED display.

OTHER FUNCTIONS

LOCK



When running your system, you can press the ▲ and ▼ simultaneously for 5 seconds the LOCK icon will appear on your LED display, and it will LOCK the Wall Mount Control.

To Unlock press the ▲ and ▼ simultaneously for 5 seconds, and the LOCK icon will turn off.

When the LOCK function is active, no buttons will respond.

MEMORY



When the MEMORY Function is activated, the MEMORY icon will be displayed. In the event of a power failure, the system will store all of the functions and modes you have programmed into your YMGI system. When power is restored, the unit will come online with the last settings that you programmed. MEMORY will store your MODE, TEMPERATURE, FAN SPEED and LOCK state.

REMOTE CONTROL FUNCTIONS




If the MEMORY Function is not set, the system will need to be turned ON when power is restored, and all settings will be at factory defaults.

While your Indoor Unit is turned OFF, press the MODE and ▲ buttons simultaneously for 5 seconds to turn the MEMORY mode ON. Repeating this will turn MEMORY mode OFF. MEMORY is turned off by default.

ERRORS

If a system protection or an error or malfunction occurs during operation, a code will be shown on the LED display. If multiple errors occur at the same time, the LED display will cycle through the codes on the display. In the event of any error, shut down the unit and contact your installer or an HVAC professional near you.

Error Code	Protection / Malfunction	Error Code	Protection / Malfunction
F1	Return air temperature sensor open/short circuited	P6	Drive board communication error
F2	Evaporator Temperature sensor open/short circuited	H3	Compressor overheating protection
b5	Indoor Unit liquid valve temperature sensor open/short circuited	LP	Indoor and Outdoor Units unmatched
b7	Indoor Gas Valve temperature sensor open/short circuited	dn	Communication line disconnected or expansion valve error
P7	IPM temperature sensor open/short circuited	E7	Running mode conflict
F3	Outdoor Ambient temperature sensor open/short circuited	Fo	Pump-down
F4	Outdoor Unit condenser mid-tube temperature sensor open/short circuited		Defrost or oil return
F5	Discharge temperature sensor open/short circuited	H1	Forced Defrosting
E6	Indoor and outdoor unit communication error	Lc	Compressor startup failure
PL	DC bus under-voltage protection	E4	High discharge temperature protection
PH	DC bus over-voltage protection	E8	Overload protection
U1	Compressor phase current sensing circuit error	E4	Whole unit over-current protection
HE	Compressor demagnetization protection	E5	Over phase current protection
Ho	PFC protection	H7	Compressor desynchronizing
P8	IPM Temperature Protection	H5	IPM Current protection
L9	Over-power protection	Ld	Compressor phase loss/reversal protection
F0	System Charge shortage or blockage protection	F8	Frequency restricted/reduced with whole unit current protection
PU	Capacitor charging error	En	Frequency restricted/reduced with IPM current protection
E1	High pressure protection	f9	Frequency restricted/reduced with high discharge temperature
E3	Low pressure protection	F6	Frequency restricted/reduced with anti-freezing protection
LE	Compressor stalling		Frequency restricted/reduced with overload protection
LF	Over-speeding	EU	Frequency restricted/reduced with IPM temperature protection
PF	Drive board temperature sensor error	E9	Indoor unit full water error
P9	AC contactor protection	E2	Anti-freezing protection
PE	Temperature drift protection	PP	AC input voltage abnormal
Pd	Sensor connection protection	U5	Whole unit current sensing circuit error
U3	DC bus voltage drop error	U7	4-way valve reversing error
L3	Outdoor fan 1 error protection	H6	Motor stalling
LA	Outdoor fan 2 error protection	U8	PG motor zero-crossing protection










NOTICE

Each Wall Mount Control is wired to a single Indoor Unit.

Recessed Fan Coild and Universal Air Handler Indoor Units that do not have an IR receiver built-in, can be controlled with one of these options:

- Wall Mount Control
- Remote-Wall Mount Control
- Thermostat-YMGIG Bridge Controller-Wall Mount Control

Wall Mounted EW, Ceiling Cassette EC, Floor/Ceiling Mount EU Indoor Units which have an IR receiver built in, and can be controlled with a Remote Control or the options listed above.

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 Control		•	•	•		•	•	•	•	•	•
	Wall Control & Bridge Control		•	•	•		•	•	•	•	•	•
	Wall Control, Bridge Control & Thermostat		•	•	•		•	•	•	•	•	•
	Wall Control & WiFi Control		•	•	•		•	•	•	•	•	•
	Wall Control, WiFi Control & Smart Phone		•	•	•		•	•	•	•	•	•
	Wall Control, Bridge Control, Thermostat & Computerized Group Control		•	•	•		•	•	•	•	•	•



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**
(55) Multiple PV, (56) Single PV; (78) Multiple PH; (79) Single PH
- **Symphony SOLO DC Inverter**
(57)2,3-Single Zone 16 SEER, 09-24K Btu/h
(58)2-Single Zone 16-22 SEER, 09-36K Btu/h
(58)3-Single Zone 21 SEER, 09-36K Btu/h
(58)4-Single Zone 30 SEER, 09-18K Btu/h
- **Symphony CHOIR DC Inverter**
(59)2-DC Inverter Multiple Zone 16 SEER, 2x09K to 5x12K Btu/h
(59)4-DC Inverter Multiple Zone 21 SEER, 2x09K to 5x12K Btu/h
(59)2S-DC Inverter Multiple Zone 16 SEER 6x09K to 9x09K Btu/h
- **Symphony VRF-DC Inverter HP or Heat Recovery up to 80 Zones.**
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www.ymgihvacsupply.com

Tel: 866-833-3138 • Fax: 866-377-3355 • Email: info@YMGIgroup.com
Unit appearance and specifications are subject to change without notice.

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