

3. Alignment and Adjustments

3-1 Error mode and check method

3-1-1 Indoor Unit

■ MH***FPEA*/MH***FWEA/MH**VP2-*/MH**VW2-*/MH***FVEA/MH**VV1-*

Display	Explanation	Main checking Point / Remark
E 1 ↔ 01	Communication error (unable to receive data)	Communication cable connection
E 1 ↔ 02	Communication error (outdoor cannot communicate)	Another indoor unit or indoor PCB
E 1 ↔ 21	Indoor unit room temperature sensor error (Open/Short)	Room temperature sensor, indoor PCB
E 1 ↔ 22	Indoor unit heat exchanger in temperature sensor error (Open/Short)	Heat exchanger in sensor, indoor PCB
E 1 ↔ 23	Indoor unit heat exchanger out temperature sensor error (Open/Short)	Heat exchanger out sensor, indoor PCB
E 1 ↔ 28	Indoor unit heat exchanger in temperature sensor detached	Heat exchanger in sensor
E 1 ↔ 29	Indoor unit heat exchanger out temperature sensor detached	Heat exchanger out sensor
E 1 ↔ 30	Indoor unit heat exchanger in & out temperature sensor detached	Heat exchanger in & out sensor
E 1 ↔ 54	Indoor unit fan motor malfunction	Fan motor and cable
E 1 ↔ 61	More than 2 indoor units cool and heat simultaneously	Another indoor unit operation mode
E 1 ↔ 62	EEPROM error	Indoor PCB
E 1 ↔ 63	Option code setting error	Option code
E 1 ↔ 85	Cable miss-wiring	Cable connection (Indoor & Outdoor unit)
E 1 ↔ 86	MPI error malfunction	MPI
E2 ↔ 01	The number of indoor unit mismatched	Cable connection (another indoor unit & outdoor unit), SW01(outdoor)
E2 ↔ 51	Compressor discharge sensor error(Short/Open)	Outdoor unit
E5 ↔ 59	Outdoor unit error	Outdoor unit (Error code)

■ MH***FKEA/MH***FMEA

Abnormal conditions	MH***FKEA	Indicators					Operating
		Green	Red	Yellow	Green	Orange	
	⏻		⏻	⏻	⏻	⏻	
MH***FMEA	⏻	⏻	⏻	⏻	⏻		
Power reset		●	×	×	×	×	
Error of temperature sensor in indoor unit (OPEN/SHORT)		×	×	●	×	×	
Error of heat exchanger sensor in indoor unit Error of heat exchanger OUT sensor in indoor unit Error of outlet temperature sensor in indoor unit (OPEN/SHORT): For heat pump models only		●	×	●	×	×	
Error of mixed operation		×	●	×	●	×	
Error of indoor fan motor : Below 450RPM for 15 minutes		×	×	×	●	×	
Error of outdoor temperature sensor Error of CONDENSER sensor Error of DISCHARGE sensor		●	×	×	●	×	
1. No communication for 2 minutes between indoor unit and outdoor unit (communication error for more than 2 minutes) 2. Indoor unit receiving the communication error from outdoor unit 3. Outdoor unit tracking 3 minutes error 4. When sending the communication error from outdoor unit due to the mismatching of the communication numbers and installed numbers after completion of tracking (communication error for more than 2 minutes)		×	×	●	●	×	Error of indoor unit: Displayed on the indoor unit regardless of operation
1. 2 nd detection of refrigerant completely leak 2. 2 nd detection of high temperature CONDENSER 3. 2 nd detection of high temperature DISCHARGE 4. Compressor down due to 6th detection of freezing		×	×	●	●	●	Displayed on appropriate indoor unit which is operating Displayed on outdoor unit
Error of float switch		×	×	×	●	●	
Error of setting option switches for optional accessories		×	×	●	×	●	
EEPROM error		●	×	●	●	×	
EEPROM option error		●	●	●	●	●	

● : On ● : Flickering × : Off

◆ If you turn off the air conditioner when the LED is flickering, the LED is also turned off.

■ MH***FDEA/MH***FEEA

The error indicated on the LED display of Indoor unit

Abnormal conditions	Indicators					Operating	
	Concealed Type		Blue	Red	Fan		Grid
	Blue	Red					
	Standard Type		Blue	Red	Fan		Grid
Power reset	●	×	×	×	×		
Error of temperature sensor in indoor unit (OPEN/SHORT)	×	×	●	×	×	Displayed on appropriate indoor unit which is operating	
Error of heat exchanger sensor in indoor unit Error of heat exchanger OUT sensor in indoor unit Error of outlet temperature sensor in indoor unit (OPEN/SHORT): For heat pump models only	●	×	●	×	×	Displayed on appropriate indoor unit which is operating	
Error of mixed operation	×	●	×	●	×		
Error of outdoor temperature sensor Error of COND sensor Error of DISCHARGE sensor	●	×	×	●	×	Displayed on appropriate indoor unit which is operating Displayed on outdoor unit	
1. No communication for 2 minutes between indoor unit and outdoor unit (communication error for more than 2 minutes) 2. Indoor unit receiving the communication error from outdoor unit 3. Outdoor unit tracking 3 minutes error 4. When sending the communication error from outdoor unit the mismatching of the communication numbers and installed numbers after completion of tracking. (communication error for more than 2 minutes)	×	×	●	●	×	1. Error of indoor unit : Displayed on the indoor unit regardless of operation 2. Error of outdoor unit : Displayed on the indoor unit which is operating	
Self-diagnostic error (including the indoor unit not detected) 1. Error of electronic expansion valve close 2. Error of electronic expansion valve open 3. Breakaway of EVA OUT sensor 4. Breakaway of EVA IN sensor	×	×	●	●	●	Displayed on appropriate indoor unit which is operating Displayed on outdoor unit	

● : On ● : Flickering × : Off

- ◆ If you turn off the air conditioner when the LED is flickering, the LED is also turned off.
- ◆ If you re-operate the air conditioner, it operates normally at first, then detect an error again.

■ MH***FDEA/MH***FEEA(cont.)

The error indicated on the LED display of Indoor unit

Abnormal conditions	Indicators					Operating
	Concealed Type		ⓘ	⊗	⊞	
	Blue	Red				
	Standard Type		ⓘ	⊗	⊞	
ⓘ	⊗					
5. Breakaway of COND MID sensor 6. 2 nd detection of refrigerant completely leak 7. 2 nd detection of high temperature COND 8. 2 nd detection of high temperature DISCHARGE 9. COMP DOWN due to 2nd detection of low pressure switch 10. Error of reverse phase 11. Compressor down due to 6th detection of freezing 12. Self-diagnosis of condensation sensor (G8, G9) 13. Compressor down due to condensation ratio control	×	×	●	●	●	Displayed on appropriate indoor unit which is operating Displayed on outdoor unit
Error of float switch	×	×	×	●	●	
Error of setting option switches for optional accessories	×	×	●	×	●	
EEPROM error	●	×	●	●	×	
EEPROM option error	●	●	●	●	●	

● : On ● : Flickering × : Off

- ◆ If you turn off the air conditioner when the LED is flickering, the LED is also turned off.
- ◆ If you re-operate the air conditioner, it operates normally at first, then detect an error again.

3-1-2 Outdoor Unit

Display		Explanation	Main checking Point
E1	01	Communication error (indoor unable to receive data)	Communication cable connection
E1	02	Communication error (outdoor unable to communicate)	Indoor unit
E1	21	Indoor unit room temperature sensor error (Open/Short)	Indoor unit
E1	22	Indoor unit heat exchanger in temperature sensor error (Open/Short)	Indoor unit
E1	23	Indoor unit heat exchanger out temperature sensor error (Open/Short)	Indoor unit
E1	28	Indoor unit sensor error - Evaporator pipe in sensor detached	Indoor unit
E1	29	Indoor unit sensor error - Evaporator pipe out sensor detached	Indoor unit
E1	30	Indoor unit heat exchanger in & out temperature sensor detached	Indoor unit
E1	61	More than 2 indoor units cool and heat simultaneously	Indoor unit operation mode
E1	90	Piping check operation error – Auto Addressing Mode : Number of checked indoor unit is unmatched with it's assigned – Manual Addressing Mode : Detected indoor unit's Address is unmatch with assigned address.	Outdoor(Number of indoor Indoor (Address))
E2	01	The number of indoor unit mismatched	Communication wiring
E2	02	Communication error (outdoor unable to receive data)	Communication wiring
E2	03	Communication error between 2 microcontroller on the outdoor PCB	Outdoor unit PCB
E2	21	Outdoor temperature sensor error (Short/Open) – Error level : over 4.9V(-50°C) under 0.4V(93°C)	Temperature sensor
E2	37	Condenser temperature sensor error (Short/Open) – Error level : over 4.9V(-50°C) under 0.4V(93°C)	Temperature sensor
E2	46	Condenser temperature sensor detached	Temperature sensor
E2	60	Compressor discharge sensor error (Short/Open) – Error check condition : outdoor temperature over -20°C – Error level : over 4.95V(-30°C) under 0.5V(151°C)	Temperature sensor
E2	61	Compressor discharge sensor detached	Temperature sensor
E3	20	Compressor OLP sensor error (Short/Open) – Error check condition : outdoor temperature over -20°C – Error level : over 4.95V(-30°C) under 0.5V(151°C)	Temperature sensor
E4	01	Indoor unit heat exchanger freezing and compressor stop (cooling mode)	Check pipe matching also(indoor-outdoor)

Outdoor Unit(cont.)


Display		Explanation	Main checking Point
E4	04	Outdoor unit overload and compressor stop (protection control in heating mode)	Check pipe matching also(indoor-outdoor)
E4	16	Outdoor unit high discharge temperature and compressor stop (protection control in heating mode)	Check pipe matching also(indoor-outdoor)
E4	19	Outdoor unit EEV open error (self diagnosis)	EEV
E4	22	Outdoor unit EEV close error (self diagnosis)	EEV
E4	40	High temperature (over 30°C) of outdoor as heating mode	Operation mode
E4	41	Low temperature (under -5°C) of indoor as cooling mode	Operation mode
E4	58	Fan error	Fan
E4	60	Wrong connection between communication and power cable	Wiring indoor and outdoor
E4	61	Inverter Compressor starting failure (5 times)	Service valve, EEV, Compressor terminal, Compressor wire, Outdoor controller
E4	62	Compressor trip by input current limit control	EEV, Gas over charge, Outdoor controller
E4	63	Compressor trip by OLP temperature limit control	Outdoor fan, Compressor, Outdoor controller
E4	64	Compressor peak current protection	Outdoor fan, Compressor, Compressor wire, Outdoor controller
E4	65	Compressor overload protection by current	Outdoor fan, EEV, Service valve, Outdoor controller
E4	66	DC-link voltage error (under 150V or over 410V) (This error might display for a few seconds after power cut)	Power voltage, Outdoor controller
E4	67	Compressor rotation error	Compressor terminal, Compressor wire, Outdoor controller
E4	68	Current sensor error	Outdoor controller
E4	69	DC-link voltage sensor error	Outdoor controller
E4	70	Compressor overload protection	Outdoor fan, EEV, Service valve, Outdoor controller
E4	71	EEPROM error	Outdoor controller
E4	72	AC line zero-crossing detection circuit error	Outdoor controller, Terminal Block
E5	54	NO GAS error (self diagnosis)	Piping (gas leak)

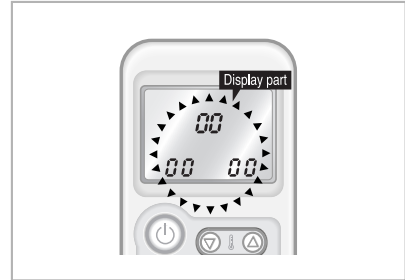
3-2 Setting Option Setup Method

■ MH***FPEA* / MH**VP2-***


ex) Option No. : 066064-170373

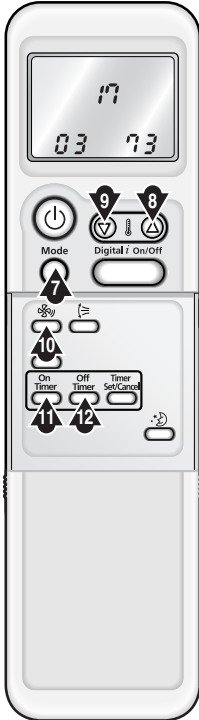
Step 1 : Enter the Option Setup mode.

- 1st Take out the batteries of remote control.
- 2nd Press the temperature  button simultaneously and insert the battery again.
- 3rd Make sure the remote control display shown as $\overline{00} \overline{00}$.





Step 2 : Enter the Option Setup mode and select your option according to the following procedure.


 <p>* Setting is not required if you must $\overline{0}$ a value which has a $\overline{0}$ default.</p>	<p>1</p> <p>The default value is $\overline{00} \overline{00}$. Otherwise, push the $\overline{0}$ button to $\overline{0}$. Every time you push the button, the display panel reads 1 or $\overline{0}$ repeatedly.</p>
	<p>2</p> <p>Push the Δ button to set the display panel to $\overline{6}$. Every time you push the button, the display panel reads $\overline{0} \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.</p>
	<p>3</p> <p>Push the ∇ button to set the display panel to $\overline{6}$. Every time you push the button, the display panel reads $\overline{0} \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.</p>
	<p>4</p> <p>Push the $\overline{0}$ button to set the display panel to $\overline{0}$. Every time you push the button, the display panel reads $\overline{0} \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.</p>
	<p>5</p> <p>Push the $\overline{0}$ button to set the display panel to $\overline{6}$. Every time you push the button, the display panel reads $\overline{0} \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.</p>
	<p>6</p> <p>Push the $\overline{0}$ button to set the display panel to $\overline{4}$. Every time you push the button, the display panel reads $\overline{0} \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.</p>





* Setting is not required if you must 0 a value which has a 0 default.


7 Press  button, then the default value is $00^{10}00$.

8 Push the  button to set the display panel to 7.
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


9 Push the  button to set the display panel to 0.
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

10 Push the  button to set the display panel to 3.
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


11 Push the  button to set the display panel to 7.
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

12 Push the  button to set the display panel to 3.
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

Step 3 : Upon completion of the selection, check you made right selections.


Press the Mode Selection key,  to set the display part to 0 and check the display part.

→ The display part shows $00^{10}00$.

Press the Mode Selection key,  to set the display part to 1 and check the display part.

→ The display part shows $03^{17}73$.

Step 4 : Pressing the ON/OFF button ()

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound "Ding" or "Diriring" is heard and the OPERATION ICON() lamp of the display is flickering at the same time, then the input of option is completed. (If the diriring sound isn't heard, try again pressing the ON/OFF button.)

Step 5 : Unit operation test-run

First, Remove the battery from the remote control.

Second, Re-insert the battery into the remote control.

Third, Press ON/OFF key with the direction of remote control for set.

• Error Mode


1st If all lamps of indoor unit are flickering, plug out, plug in power plug again and press the ON/OFF key to retry.

2nd If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for its model.

■ MH***FWEA/MH***VW2-***

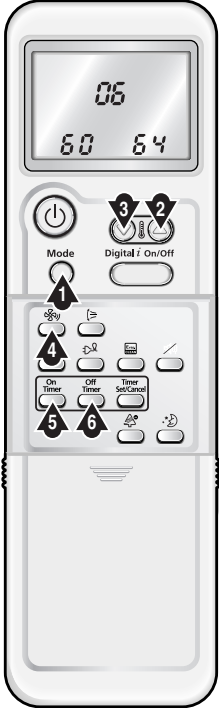






ex) Option No. : 066064-170373

Step 1 : Enter the Option Setup mode.

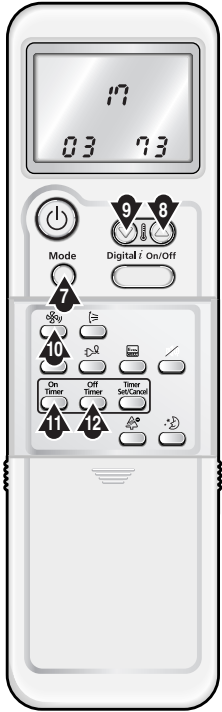
- 1st Take out the batteries of remote control.
- 2nd Press the temperature  button simultaneously and insert the battery again.
- 3rd Make sure the remote display shown as $\overset{00}{00} \overset{00}{00}$.




Step 2 : Enter the Option Setup mode and select your option according to the following procedure.


	1	<p>The default value is $\overset{00}{00} \overset{00}{00}$. Otherwise, push the  button to 0. Every time you push the button, the display panel reads 1 or 0 repeatedly.</p>
	2	<p>Push the  button to set the display panel to 6. Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.</p>
	3	<p>Push the  button to set the display panel to 6. Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.</p>
	4	<p>Push the  button to set the display panel to 0. Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.</p>
	5	<p>Push the  button to set the display panel to 6. Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.</p>
	6	<p>Push the  button to set the display panel to 4. Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.</p>


* Setting is not required if you must 0 a value which has a 0 default.





* Setting is not required if you must 0 a value which has a 0 default.


7 Press  button, then the default value is 00 ¹⁰ 00 .

8 Push the  button to set the display panel to 7 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


9 Push the  button to set the display panel to 0 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

10 Push the  button to set the display panel to 3 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


11 Push the  button to set the display panel to 7 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

12 Push the  button to set the display panel to 3 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

Step 3 : Upon completion of the selection, check you made right selections.


Press the Mode Selection key,  to set the display part to 0 and check the display part.

→ The display part shows 00 ⁰⁵ 04 .

Press the Mode Selection key,  to set the display part to 1 and check the display part.

→ The display part shows 03 ¹⁷ 73 .

Step 4 : Pressing the ON/OFF button ()

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound "Ding" or "Diriring" is heard and the OPERATION ICON() lamp of the display is flickering at the same time, then the input of option is completed. (If the diriring sound isn't heard, try again pressing the ON/OFF button.)

Step 5 : Unit operation test-run

First, Remove the battery from the remote control.

Second, Re-insert the battery into the remote control.

Third, Press ON/OFF key with the direction of remote control for set.

• Error Mode



1st If all lamps of indoor unit are flickering, plug out, plug in power plug again and press the ON/OFF key to retry.

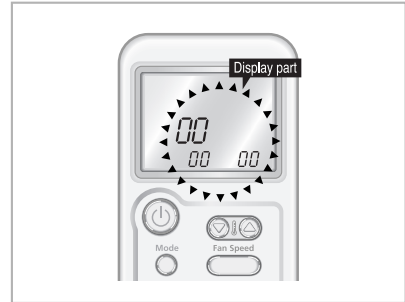
2nd If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for its model.

■ MH***FVEA/MH**V1-***

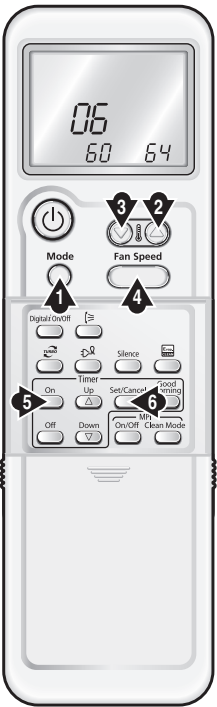
ex) Option No. : 066064-170373



Step 1 : Enter the Option Setup mode.


- 1st Take out the batteries of remote control.
- 2nd Press the temperature  button simultaneously and insert the battery again.
- 3rd Make sure the remote display shown as .





Step 2 : Enter the Option Setup mode and select your option according to the following procedure.





- 1 The default value is  .
Otherwise, push the  button to 0 .
Every time you push the button, the display panel reads 1 or 0 repeatedly.

- 2 Push the  button to set the display panel to 6 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

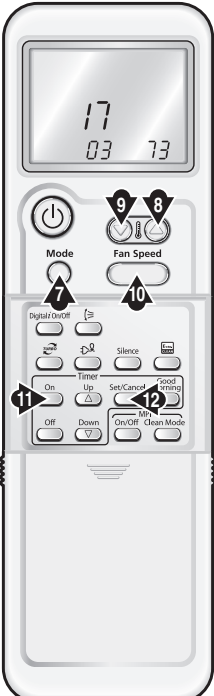
- 3 Push the  button to set the display panel to 6 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

- 4 Push the  button to set the display panel to 0 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


- 5 Push the  button to set the display panel to 6 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


- 6 Push the  button to set the display panel to 4 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


* Setting is not required if you must 0 a value which has a 0 default.





* Setting is not required if you must 0 a value which has a 0 default.


7 Press  button, then the default value is 00 ¹⁰ 00 .

8 Push the  button to set the display panel to 7 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


9 Push the  button to set the display panel to 0 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


10 Push the  button to set the display panel to 3 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


11 Push the  button to set the display panel to 7 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.


12 Push the  button to set the display panel to 3 .
Every time you push the button, the display panel reads 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.

Step 3 : Upon completion of the selection, check you made right selections.


Press the Mode Selection key,  to set the display part to 0 and check the display part.

→ The display part shows  .

Press the Mode Selection key,  to set the display part to 1 and check the display part.

→ The display part shows  .

Step 4 : Pressing the ON/OFF button ()

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound "Ding" or "Diriring" is heard and the OPERATION ICON() lamp of the display is flickering at the same time, then the input of option is completed. (If the diriring sound isn't heard, try again pressing the ON/OFF button.)

Step 5 : Unit operation test-run

First, Remove the battery from the remote control.

Second, Re-insert the battery into the remote control.

Third, Press ON/OFF key with the direction of remote control for set.

• Error Mode



1st If all lamps of indoor unit are flickering, plug out, plug in power plug again and press the ON/OFF key to retry.

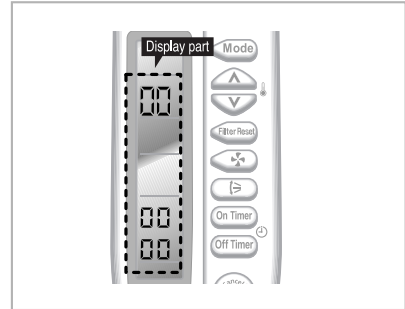
2nd If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for its model.

■ MH***FKEA/MH***FMEA/MH***FDEA/MH***FEEA


ex) Option No. : 085115-1d2340



Step 1 : Enter the Option Setup mode.

- 1st Take out the batteries of remote control.
- 2nd Press the temp.  button simultaneously and insert the battery again.
- 3rd Make sure the remote control display shown as .










Step 2 : Enter the Option Setup mode and select your option according to the following procedure.







* Setting is not required if you must  a value which has a  default.



- 1**



The default value is  .
 Otherwise, push the  button to  .
 Every time you push the button, the display panel reads 1 or  repeatedly.
- 2**

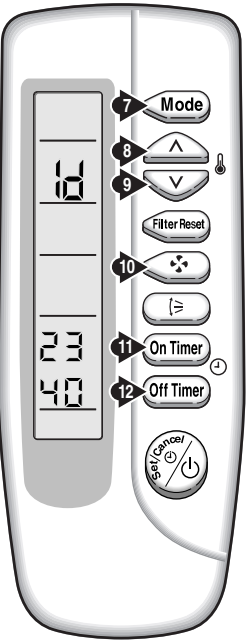
Push the  button to set the display panel to  .
 Every time you push the button, the display panel reads  → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.
- 3**

Push the  button to set the display panel to 5 .
 Every time you push the button, the display panel reads  → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.
- 4**

Push the  button to set the display panel to 1 .
 Every time you push the button, the display panel reads  → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.
- 5**

Push the  button to set the display panel to 1 .
 Every time you push the button, the display panel reads  → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.
- 6**

Push the  button to set the display panel to 5 .
 Every time you push the button, the display panel reads  → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F repeatedly.



* Setting is not required if you must \square a value which has a \square default.

7	Press Mode button, then the default value is \square .
8	Push the ▲ button to set the display panel to d . Every time you push the button, the display panel reads $\square \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.
9	Push the ▼ button to set the display panel to 2 . Every time you push the button, the display panel reads $\square \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.
10	Push the Filter Reset button to set the display panel to 3 . Every time you push the button, the display panel reads $\square \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.
11	Push the On Timer button to set the display panel to 4 . Every time you push the button, the display panel reads $\square \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.
12	Push the Off Timer button to set the display panel to \square . Every time you push the button, the display panel reads $\square \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow \dots 9 \rightarrow A \rightarrow b \rightarrow c \rightarrow d \rightarrow E \rightarrow F$ repeatedly.

Step 3 : Upon completion of the selection, check you made right selections.

Press the Mode Selection key, **Mode** to set the display part to \square and check the display part.

→ The display part shows $\square \square$.

Press the Mode Selection key, **Mode** to set the display part to 1 and check the display part.

→ The display part shows 18 .

Step 4 : Pressing the ON/OFF button (ON/OFF)

When pressing the operation ON/OFF key with the direction of remote control for unit, the sound "Ding" or "Diriring" is heard and the OPERATION ICON (ON/OFF) lamp of the display is flickering at the same time, then the input of option is completed. (If the diriring sound isn't heard, try again pressing the ON/OFF button.)

Step 5 : Unit operation test-run

- First,** Remove the battery from the remote control.
- Second,** Re-insert the battery into the remote control.
- Third,** Press ON/OFF button (ON/OFF) with the direction of remote control for set.

• Error Mode

1st If all lamps of indoor unit are flickering, Plug out, plug in power plug again and press ON/OFF key to retry.

2nd If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for its model.

■ Table of the option code

MODEL	OPTION CODE
MH020FPEA MH14VP2-07 MH16VP2-07 MH19VP2-07	0d7400-13223F
MH023FPEA MH026FPEA MH16VP2-09 MH18VP2-09 MH30VP2-09	0d6400-142351
MH035FPEA MH19VP2-12 MH30VP2-12	0d7404-162362
MH052FPEA MH052FPEA1	0d5408-192351
MH050FWEA	0E8400-1320F8
MH023FWEA MH026FWEA MH14VW2-07 MH16VW2-07 MH16VW2-09 MH18VW2-09 MH19VW2-07 MH30VW2-09	0E8400-142228
MH035FWEA MH19VW2-12 MH30VW2-12	0E7400-16226E
MH052FWEA	0E5404-19222E
MH023FVEA MH026FVEA MH18VV1-09 MH19VV1-07	004402-1420E7
MH035FVEA MH19VV1-12	007402-16221A
MH052FVEA	005406-19225E
MH026FKEA	005600-14221d
MH035FKEA	005600-162340
MH030FMEA MH035FMEA	045024-164051
MH052FMEA	045024-1940d5
MH052FDEA	015200-190000

■ **Table of the option code(cont.)**

External Static Pressure (mmAq)	1.0	2.0(Standard)	3.0	4.0
MH023FEEA MH026FEEA	015201-1400Fb	015201-14020c	015201-140360	015201-1403A2
MH035FEEA	015201-16025d	015201-16026E	015201-1603c4	015203-160108
MH052FEEA	011223-194108	011223-194119	011223-1941Ac	011223-19431d