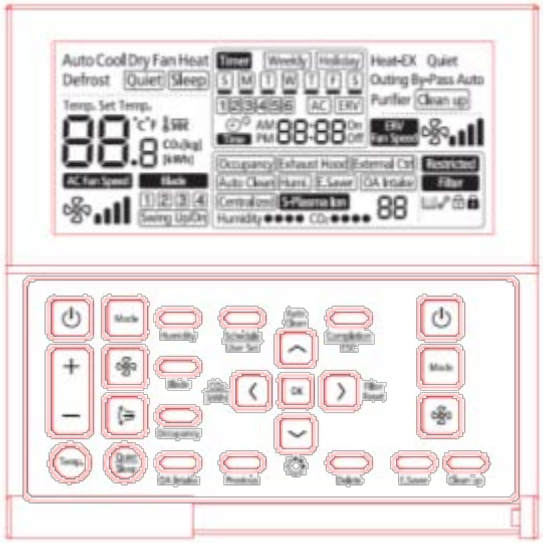
Wired Remote Controller
MWR-WE10

Concept

- Multi function wired remote controller for controlling A/C and ERV ventilator
  - MWR-WE10 can control all functions of ERV ventilator.
- Supports the functions of the new models like global 4way, ERV plus and mini AHU
  - Individual blade control, Occupancy detection, Auto cleaning, S-Plasma ion, Clean up.

Type		2010	2011	2012
Wired Remote Controller	A/C + ERV	 MWR-WE00 → Fade out	 MWR-WE10	→
	A/C only	 MWR-WH00 → Fade out  MWR-SH00 → Fade out		 NEW →
	ERV only	 MWR-VH02 → Fade out		 Modify →



Features

1) A/C and ERV unified controller (ERV plus and Mini AHU support)
   → ERV can connect independently
2) A/C : operation ON/OFF, operation mode, setting temperature, air flow, fan speed, quiet mode, sleep mode
3) ERV, ERV plus : operation ON/OFF, operation mode, fan speed, CO_2 status display, Exhaust hood status display, Exter control status display, clean up
4) Mini AHU : outdoor air intake, humidity, humidity status display
5) Error display
6) Filter replacement alarm display and reset
7) Single or multiple indoor unit control (Max 16 units)
8) Weekly operating schedule (A/C only, ERV only, A/C + ERV)
9) Upper/Lower temperature limit setting
10) Automatic operation stop function
11) Energy saving operation mode
12) Child lock
13) Different button permission levels
14) Real-time clock function: current time, day display function, summer time
15) Built-in room temperature sensor
16) Service mode support
17) S-Plasma ion, Auto clean and Human detecting functions support

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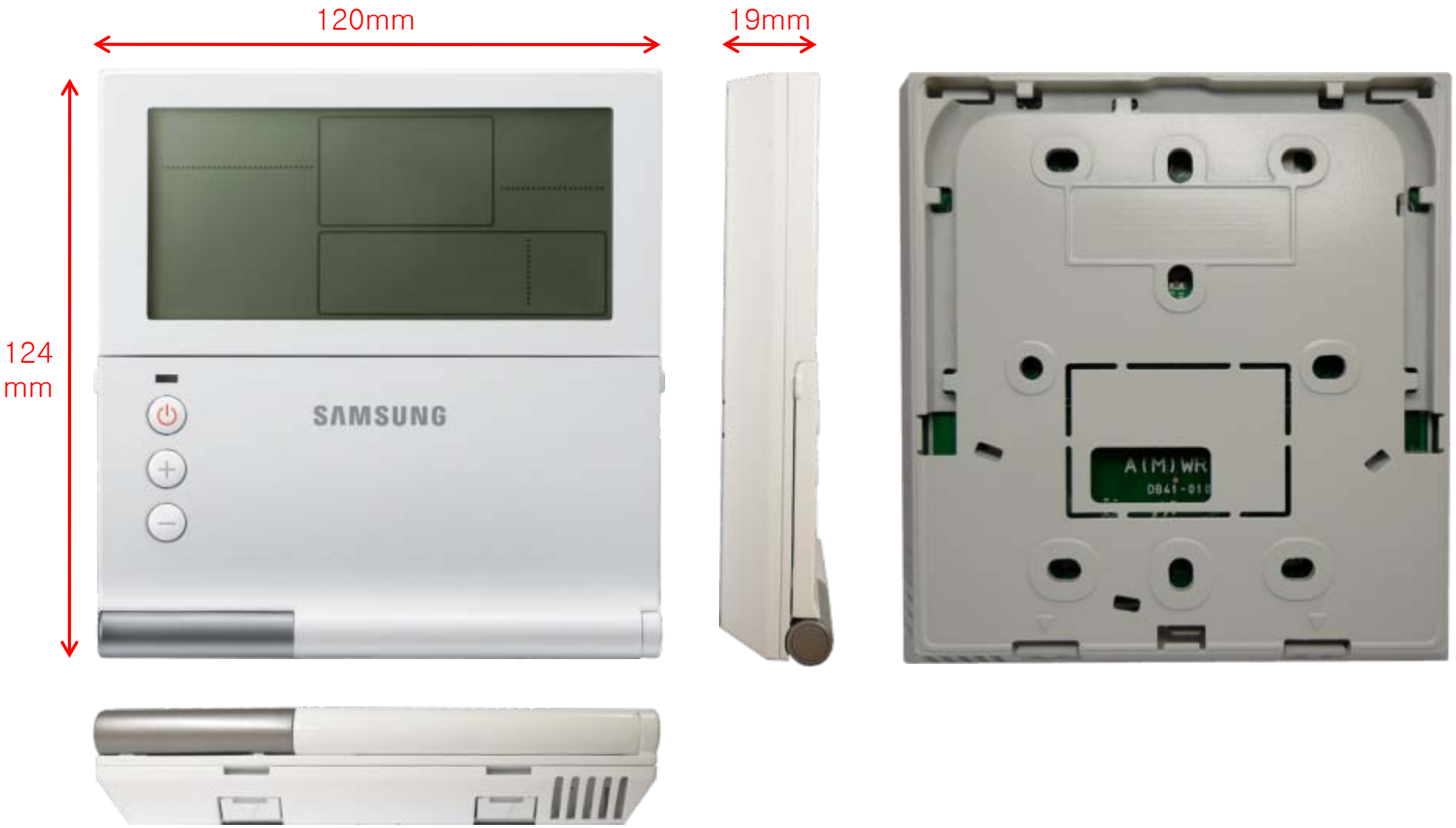
- **Dimension**



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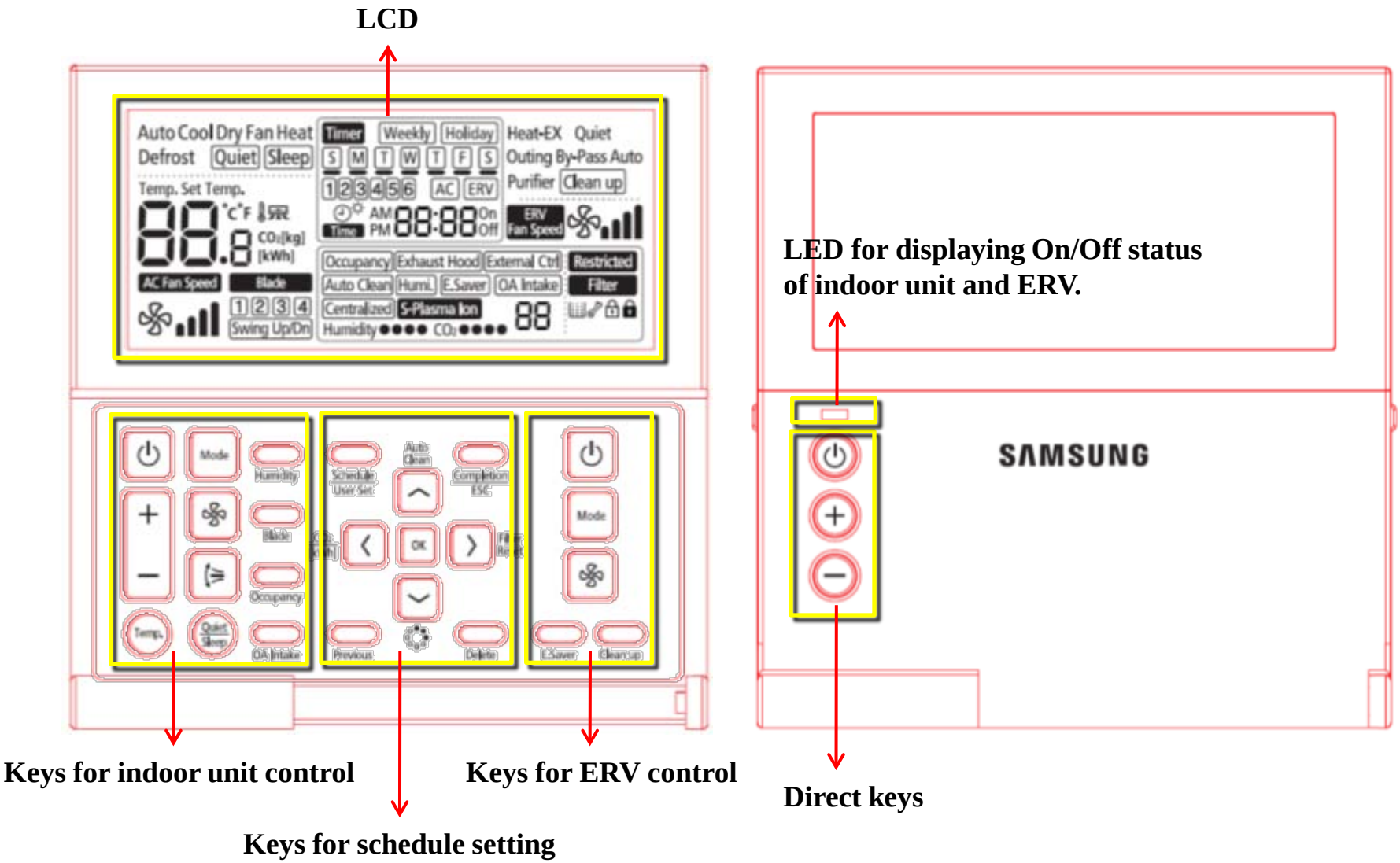
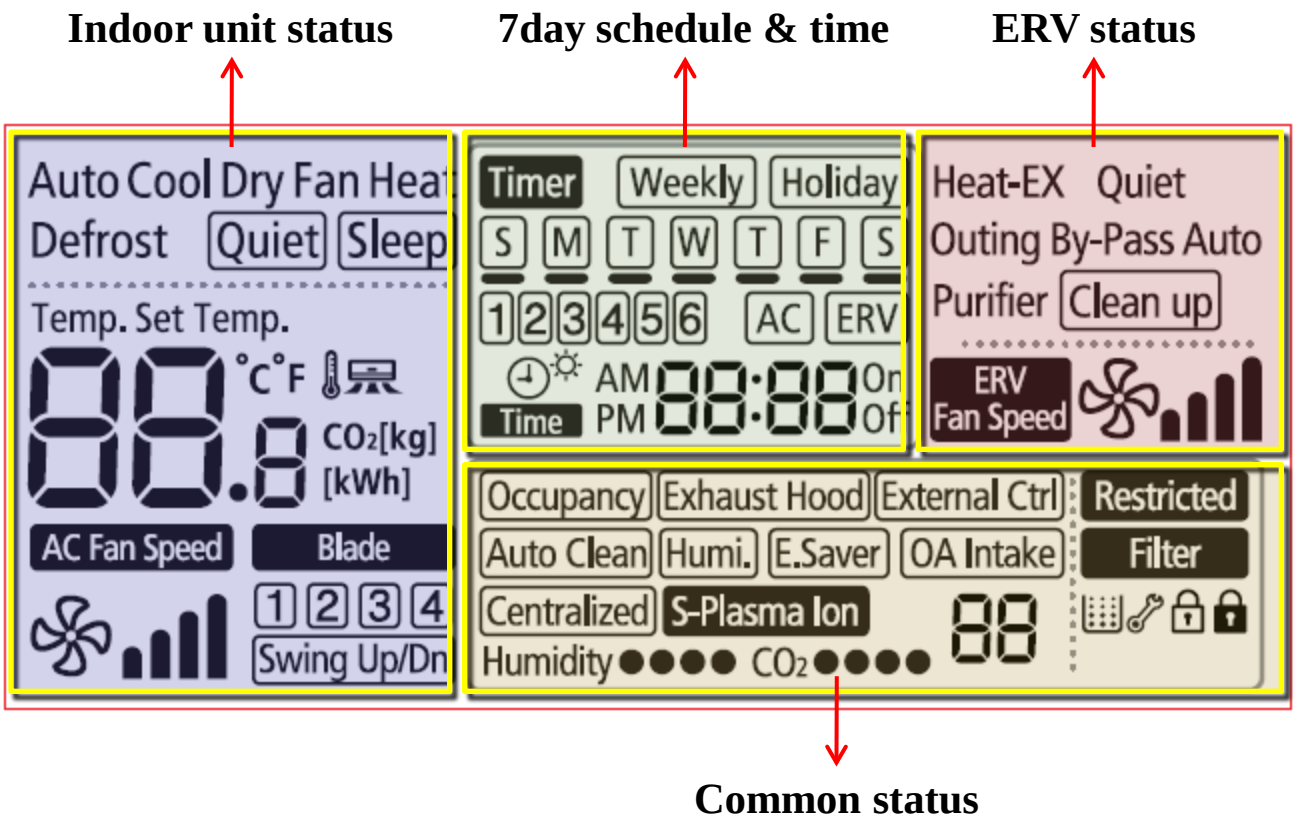
- **Display & Buttons**



- **Display & Buttons**



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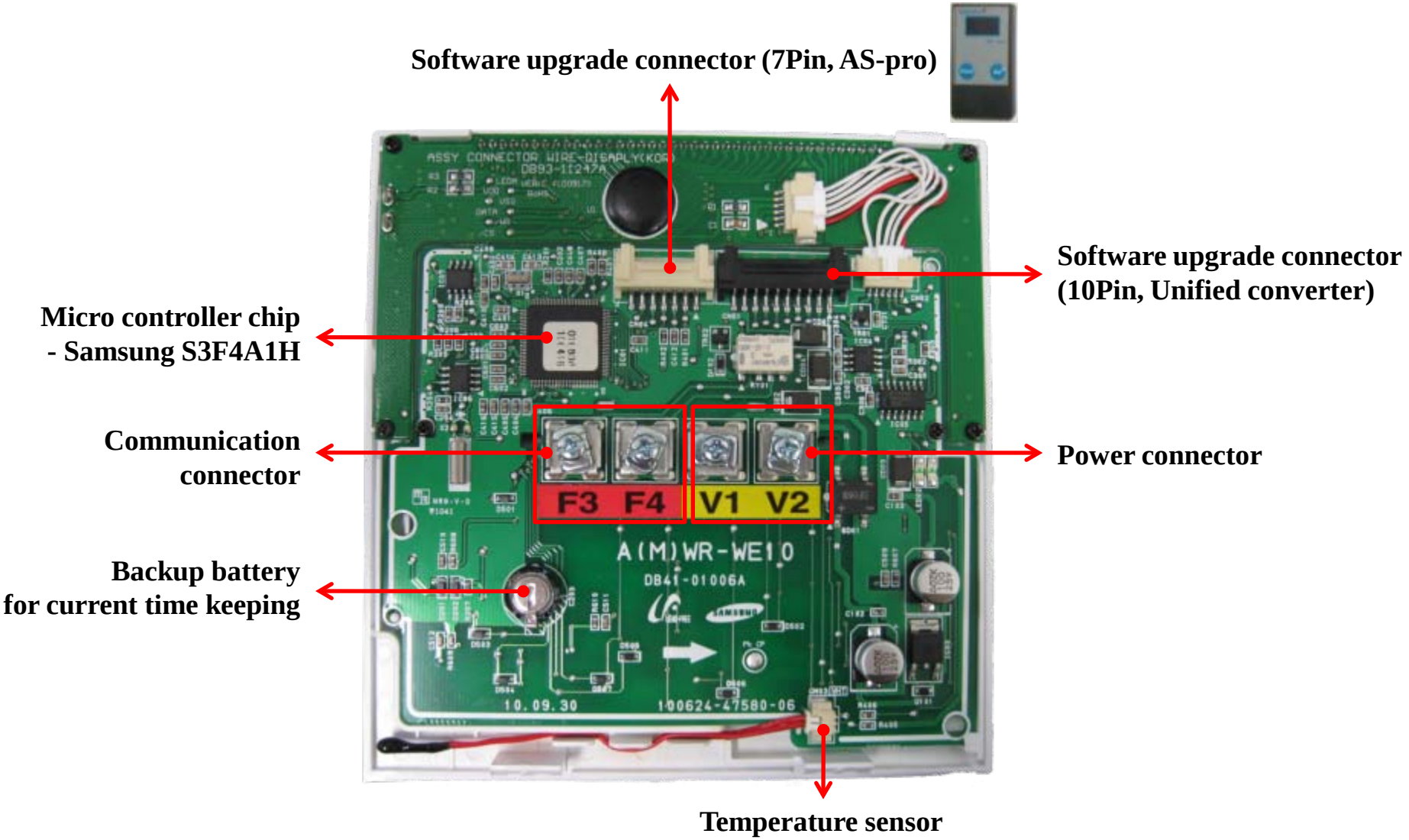
- PCB layout



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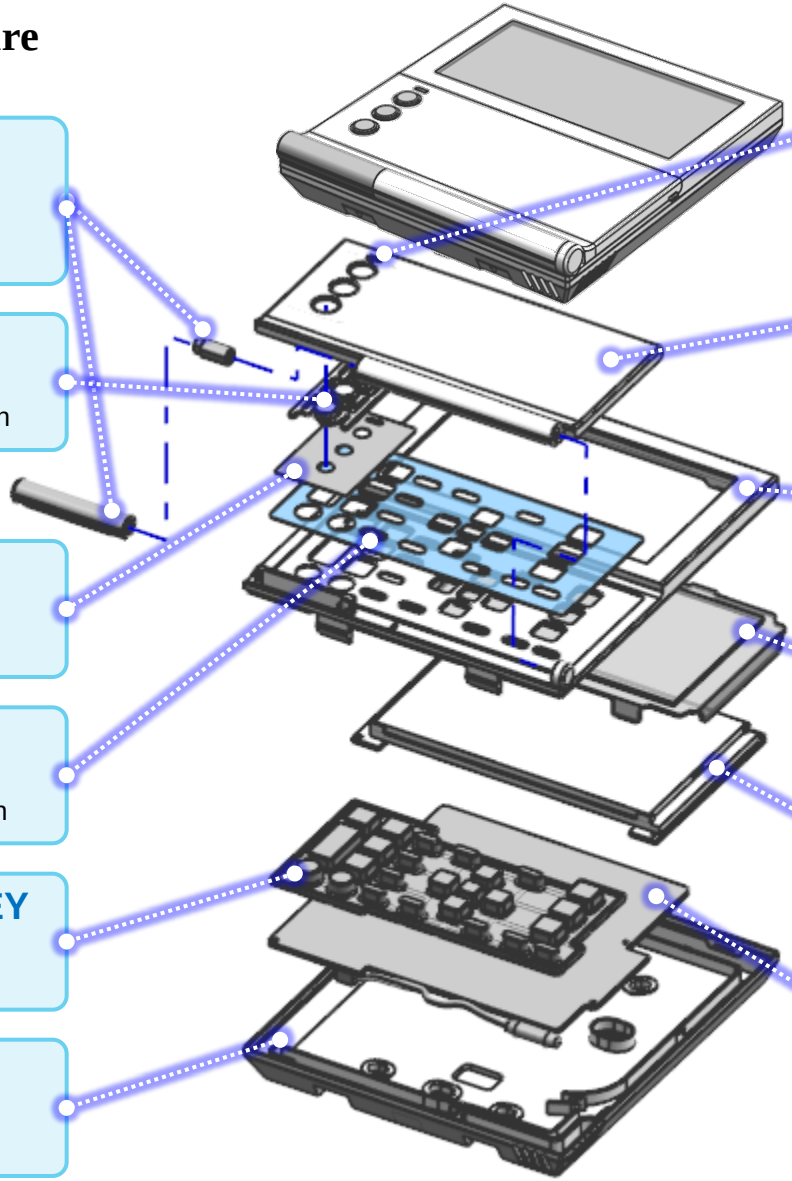
External Structure



HINGE
- Applied folder type component using mobile phone
- ABS material, Sliver color

BUTTON KEY
- ABS material, White color
- Power on/off, Set temp up/down

COVER BUTTON
- PC material, White color
- Protect to leave button key

INLAY BUTTON
- PC material, Transparent color
- Display the function explanation

BUTTON RUBBER KEY
- Silicon material
- Function operation buttons

CASE BOTTOM
- ABS material, White color
- Product exterior case

GUIDE LED
- PC material, Transparent color
- Operation status LED

COVER DOOR
- ABS material, White color
- Unified with front button
- Up/down open type

COVER TOP
- ABS material, White color
- Product exterior case

WINDOW DISPLAY
- PC material, Transparent color
- LCD protection

ASSY LCD PCB
- Display module
- Fixed by 4 screws

ASSY PCB MAIN
- Main PBA
- Fixed by 2 screws

Main Features

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- **Comparision (1)**

Menu	MWR-SH00	MWR-WH00	MWR-WE00	MWR-WE10
Reset key	Reset (S/W & H/W)	Reset (S/W & H/W)	Reset (S/W & H/W)	Reset (S/W & H/W)
Size (W x H x D)	122 x 70 x 21	122 x 120 x 23	122 x 120 x 23	120 x 124 x 19
Wire length	Not provided	10 m	10 m	Not provided
Comm./Power connector	Ring terminal type	Connector type	Connector type	Ring terminal type

MWR-SH00

MWR-WH00

MWR-WE00

MWR-WE10

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Comparision (2)

Menu	MWR-SH00	MWR-WH00	MWR-WE00	MWR-WE10
On/Off	O	O	O	O
Operation mode	O	O	O	O
Fan speed	O	O	O	O
Louver swing On/Off	O	O	O	O
Temperature setting	O	O	O	O
ERV On/Off	X	X	O	O
ERV operation mode	X	X	X	O
ERV fan speed	X	X	O	O
7-day Scheduler	X	X	O	O
Auto mode skip	O	O	O	O
Automatic stop	X	O	O	O
Whole button lock	O	O	O	O
Partial button lock	X	O	O	O

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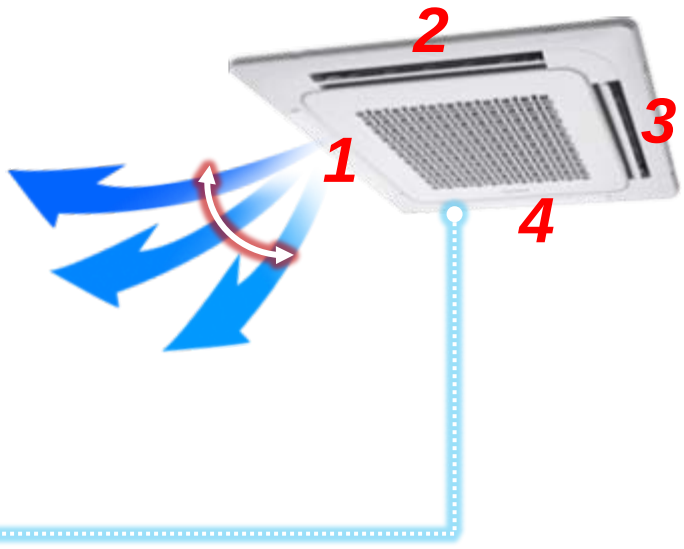
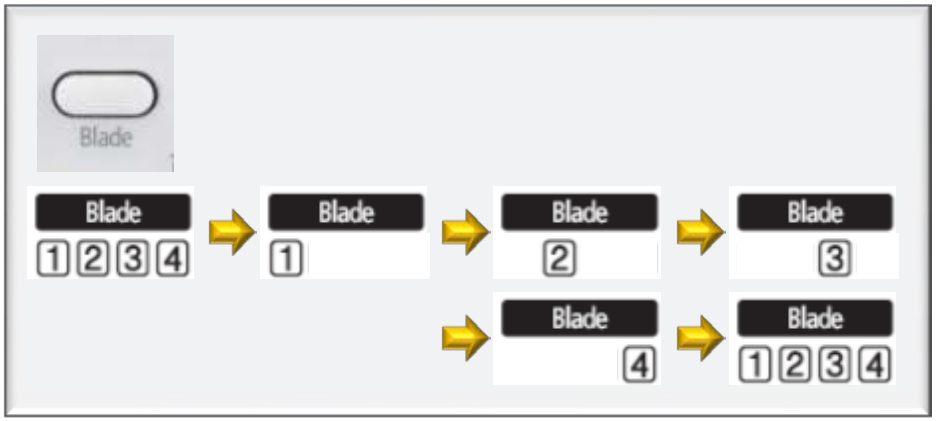
Comparision (3)

Menu	MWR-SH00	MWR-WH00	MWR-WE00	MWR-WE10
Temperature setting limit	X	O	O	O
Filter reset	O	O	O	O
Energy saving mode	X	X	O	O
ERV interlocking	X	X	O	O
Error occurred unit address display	O	O	O	O
Mixed installation with other type wired remote controller	X	O	O	O
Clock	X	X	O	O
Summer time	X	X	X	O

- **Individual blade control**

Select only the desired blade to blow wind upward or downward.





Energy saving operation (1)

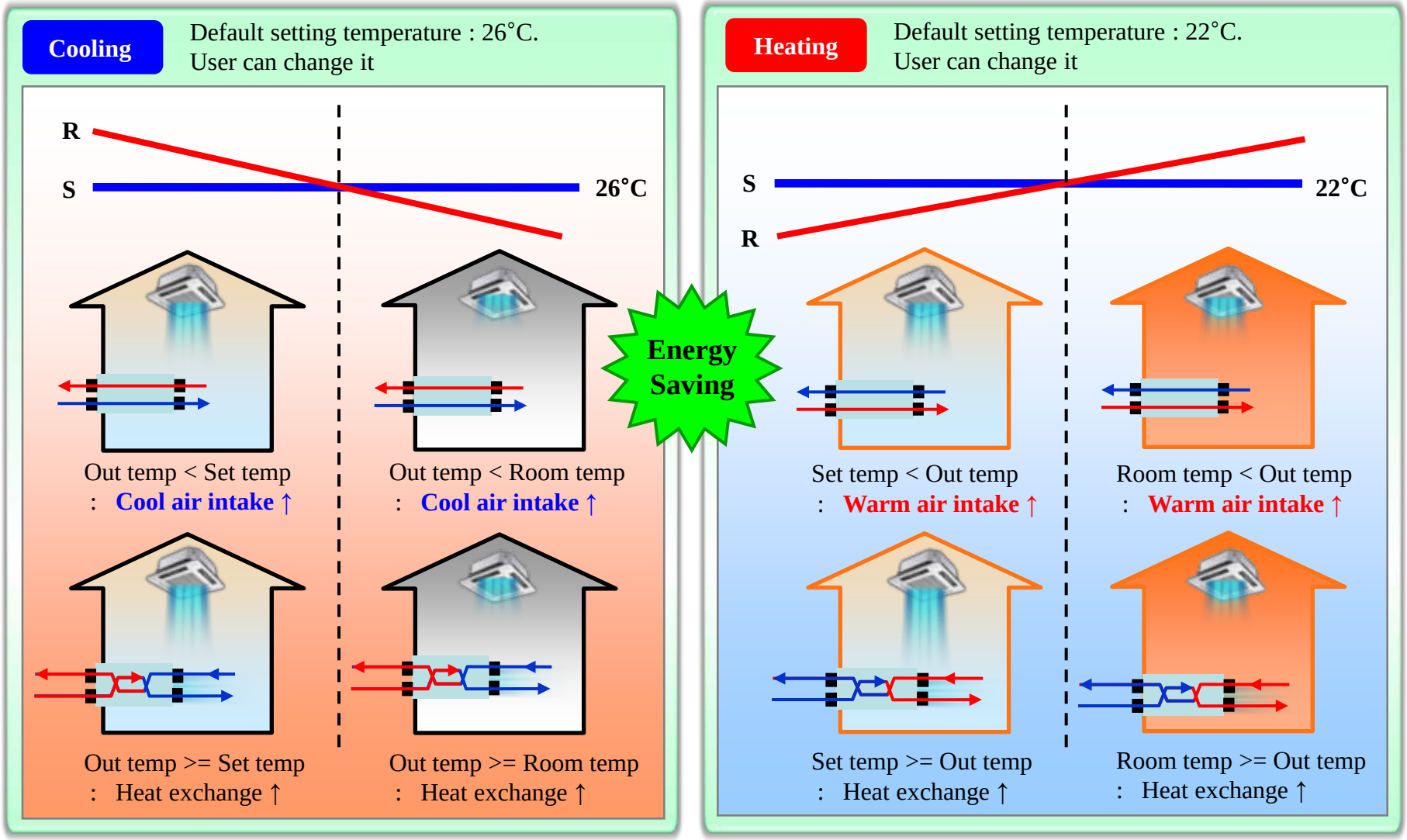
- By comparing indoor room temperature, setting temperature and outdoor temperature, wired remote controller changes ERV operation mode.
- Especially during spring and autumn, it increases outdoor unit air intake to help cooling / heating.

※ Operation restriction

- ERV must be connected more than one unit.
- When Centralized is displayed, energy saving mode does not work.
- Slave wired remote controller cannot use energy saving mode
- Energy saving operation condition
  1) Indoor unit or ERV are running ON
  2) Not “Centralized” state
  3) Not indoor unit “Fan” mode

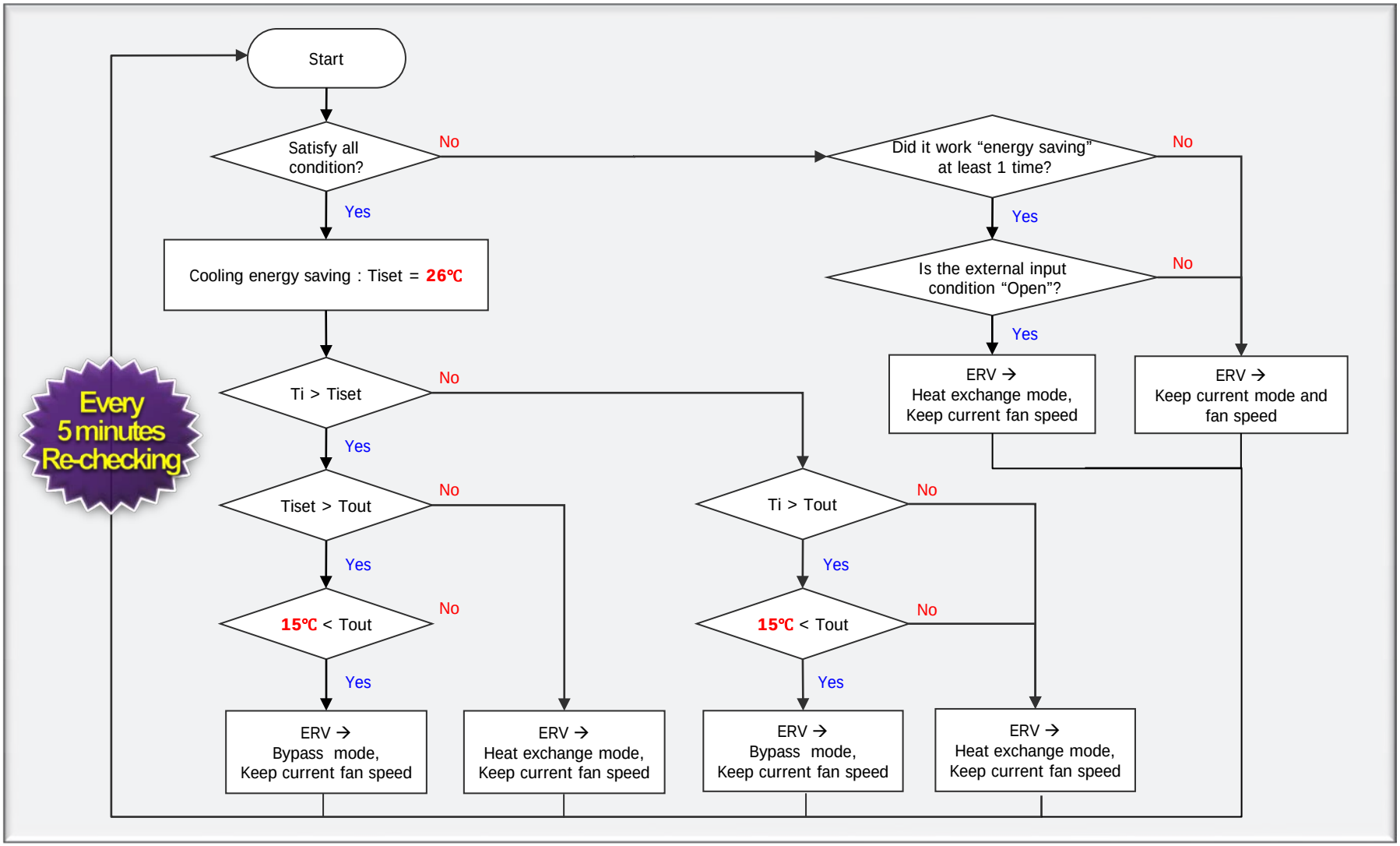
Energy saving operation (2)

R : Room temperature / S : Setting temperature



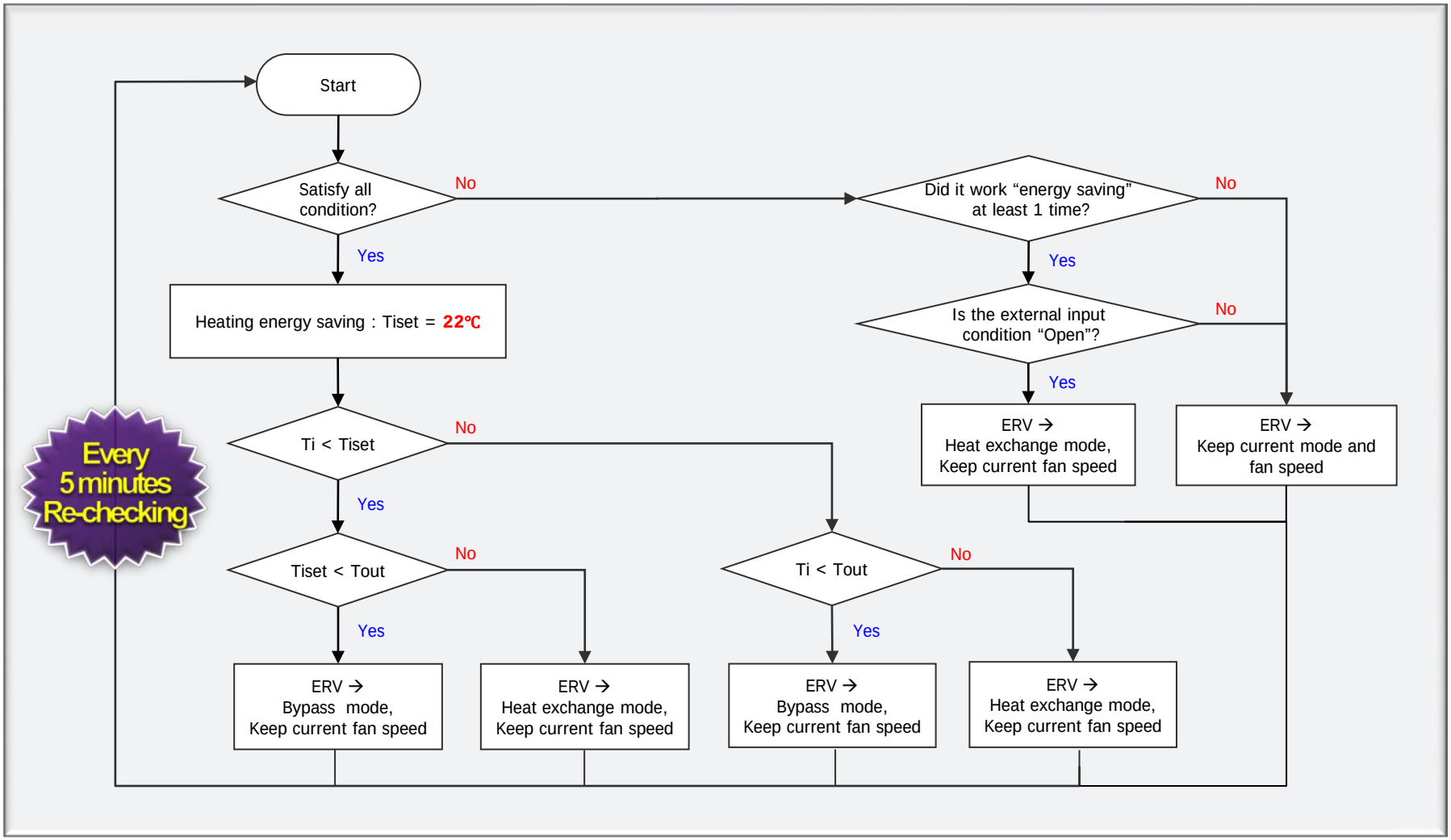
Energy saving operation – Cooling (3)

Ti : Indoor temp / Tiset : Indoor Setting temp / Tout : Outdoor temp



Energy saving operation – Heating (4)

Ti : Indoor temp / Tiset : Indoor Setting temp / Tout : Outdoor temp



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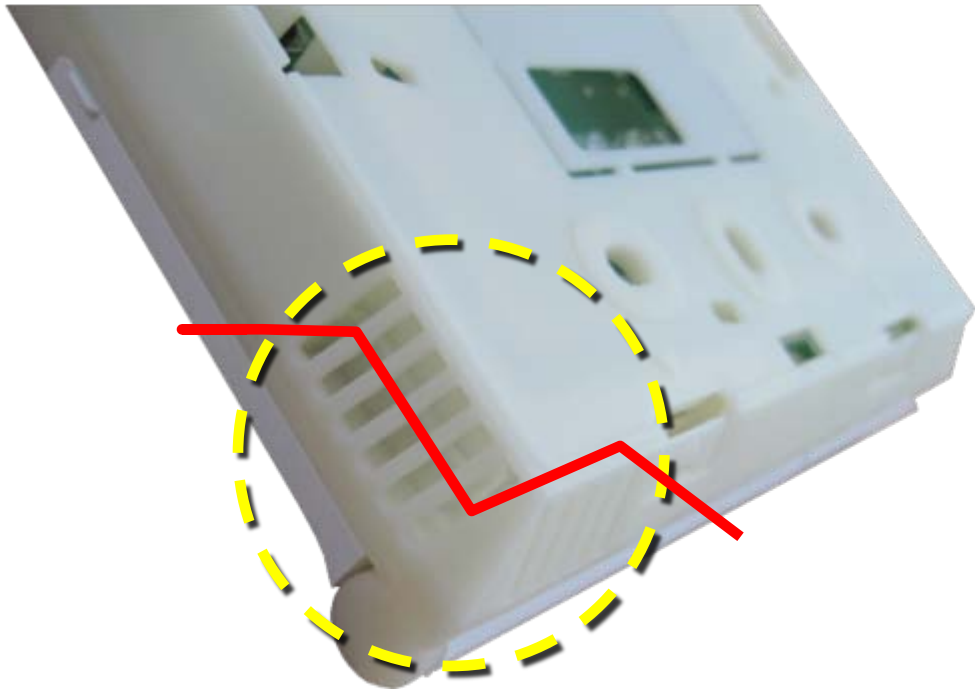
Accurate temperature sensing (1)

- Realized more accurate temperature sensing
- Applied new temperature sensor in MWR-WE00 for accurate temperature sensing



Designed to be shield between the inside and the outside

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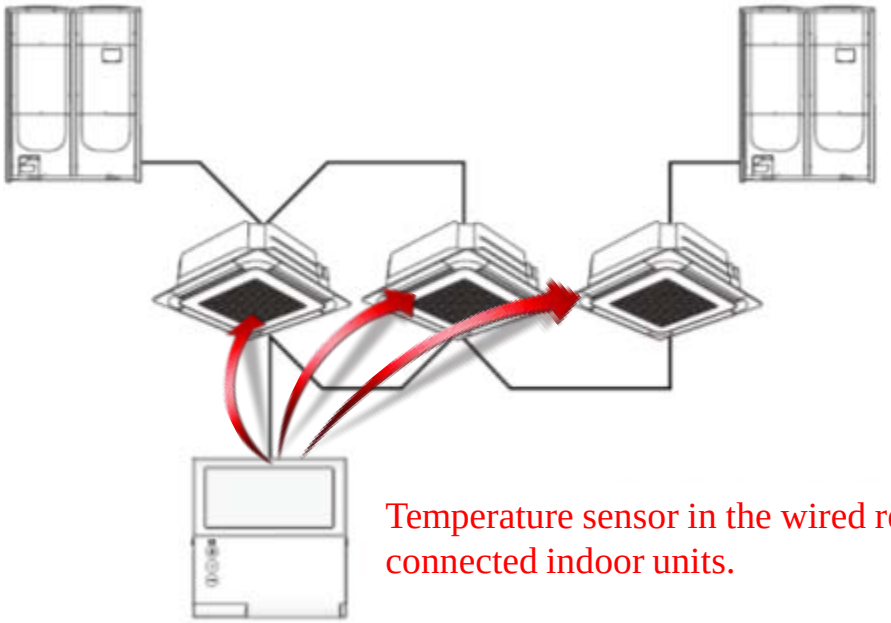
Built-in temperature sensor (1)

- Temperature control with built-in temperature sensor



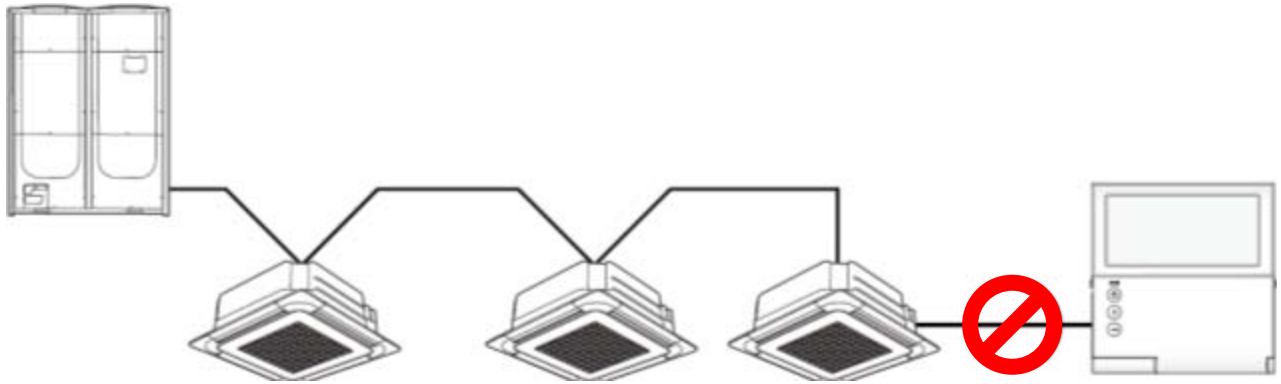
Temperature sensor in the wired remote controller can be applied to all the connected indoor units.

* The setting status of built-in temperature sensor can set and monitor in service mode. (1-2 menu)

Main menu	Sub menu	Function		Data bit	Factory setting	Description	Unit
1	2	Wireless remote controller Option setting/checking (2)	Temperature sensor selection	1	0	0 – Indoor unit, 1 – Wired remote controller	-
			Use of average temperature	2	0	0 – No use, 0 - Use	-
			Use of Auto mode	3	1	0 – No use, 0 - Use	-
			Temperature display	4	0	0 – Set temperature, 1 - Room temperature	-

Built-in temperature sensor (2)

- Power failure of wired remote controller



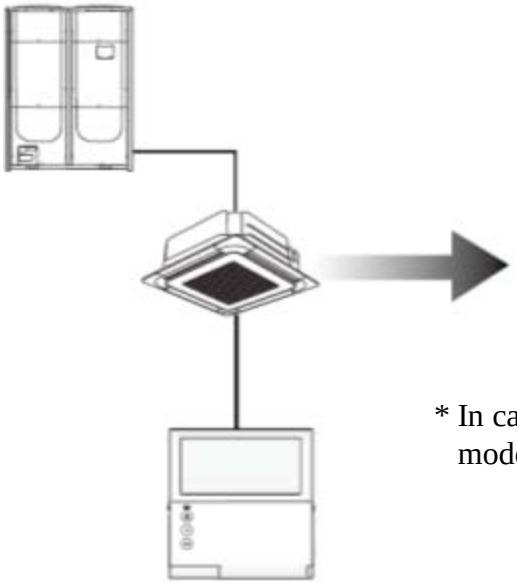
What if communication block occurs on the wired remote controller when its built-in temperature use is enabled ? (Block due to either power failure or disconnection only)

▶ When communication is blocked over 3 minutes
1. Indoor unit ignores the built-in temperature sensor and accepts its sensor in the indoor unit.
2. Heating mode temperature compensation setting is applied by value setting on the indoor unit. (2℃ or 5℃)

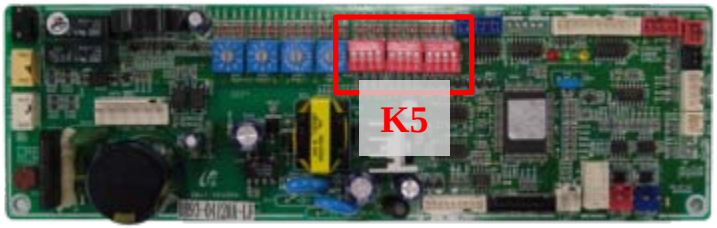
▶ When communication resumes
1. Built-in temperature use is recovered.
2. Heating mode temperature compensation setting by the indoor unit is initialized by 0℃.

Built-in temperature sensor (3)

- Heating mode temperature compensation



DIP S/W	Function
SW5	+2, +5 temperature compensation



* In case of not existing the dip S/W of indoor unit like global 4way, use the service mode of MWR-WE10 for checking temperature compensation setting.

▶ What happens to heating mode temperature compensation (+2℃ or +5℃) when the use of the wired R/C built-in temperature is enabled ?

1. The heating mode temperature compensation is cleared. (0℃).
2. In heating mode, if indoor unit is thermo off state, then fan stops.

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- **User setting mode (1)**

Main Menu	Sub menu	Functions		SEG Used	Default	Range	Unit
1		Auto stop		1	0	0~12 hours	1 hour
2		Temp limits [°C(°F)]	Lower Limit	1,2	16(61)	16~30°C (61~86°F)	1°C(1°F)
			Upper Limit	3,4	30(86)	18~30°C (65~86°F)	1°C(1°F)
3		All locking		1	0	0-Cancel, 1-Locking	-
		Partial Button Locking	Operation On/Off Button Lock	2	0	0-Cancel, 1-Locking	-
			Operation Selection Button Lock	3	0	0-Cancel, 1-Locking	-
			Temperature Setting Button Lock	4	0	0-Cancel, 1-Locking	-
			Fan speed Button Locking	5	0	0-Cancel, 1-Locking	-
			Schedule Setting Button Lock	6	0	0-Cancel, 1-Locking	-
4	1	Current Temperature Setting (Year, Month, Date)		1,2/3,4/5,6	10/01/01	00~99/1~12/1~31	YY,MM,DD
	2	Current Time Setting (Day, Hour, Minute)		Day/AM/ PM/1,2/3,4	Friday/ PM/12/00	Sun~Sat/AM~PM/0~12/0~59	Day, hour, minute

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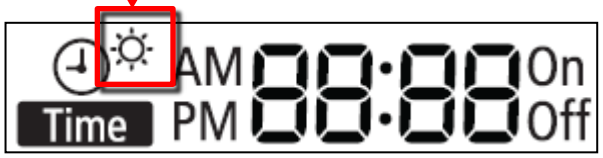
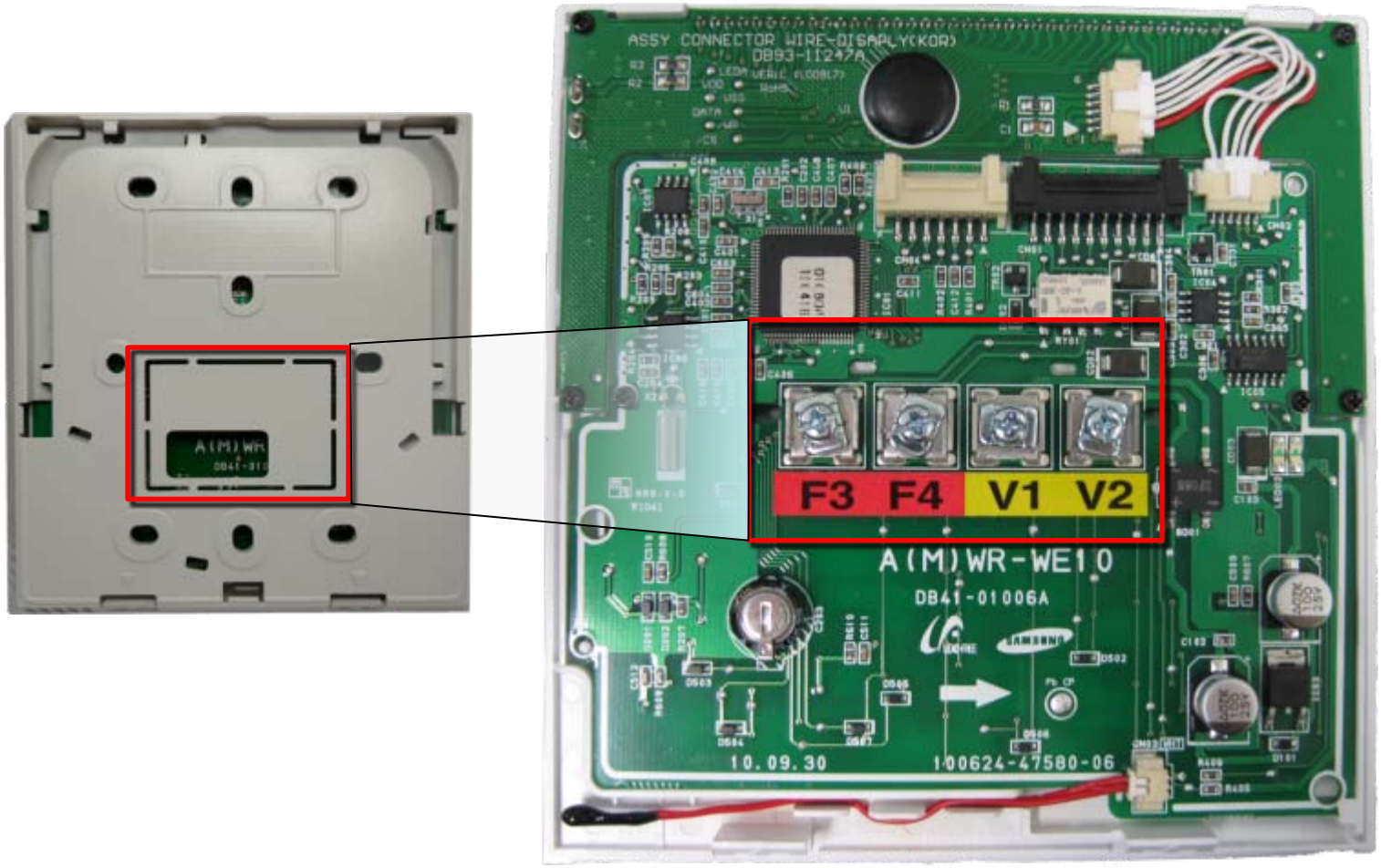
- **User setting mode (2)**

Main Menu	Sub menu	Functions		SEG Used	Default	Range	Unit
5	1	Summer Time Use and Setting Methods	Summer Time Used (Y/N)	1	0	0-Not used, 1-Used	-
			Summer Time Application Method	2	0	0- Weekly,1- Daily	-
	2	Summer time use (Weekly) Start (? Month, ? th Sunday)		1,2/4	03/F	1~12th month/ 1~4,F (last week)th week	-
	3	Summer time use (Weekly) End (? Month, ? th Sunday)		1,2/4	10/F	1~12 month/ 1~4,F (last week)th week	-
	4	Summer time use (Daily) Start (? Month, ? th Sunday)		1,2/3,4	03/22	Jan~Dec/1~31st day	Month, date
	5	Summer time use (Daily) End (? Month, ? th Sunday)		1,2/3,4	09/22	Jan~Dec/1~31st day	Month, date
6		Backlight Time Setting/Check		1,2	5	0~30 sec	1 sec
		LED (Green) used (Y/N)		3	1	0-Not used, 1-Used	-
		LED (Red) used (Y/N)		4	1	0-Not used, 1-Used	-
7		Ventilator(ERV) Delay Time Setting/Check	Ventilator(ERV) Delay Application (Y/N)	1	0	0-Not used, 1-Used	-
			Delay Time	3,4	30	30~60 minutes	1 minute
0		Reset to user mode defaults (except the current time)		1	0	0-Not used, 1-Reset	-



- **Changed terminal type for power and communication connection**

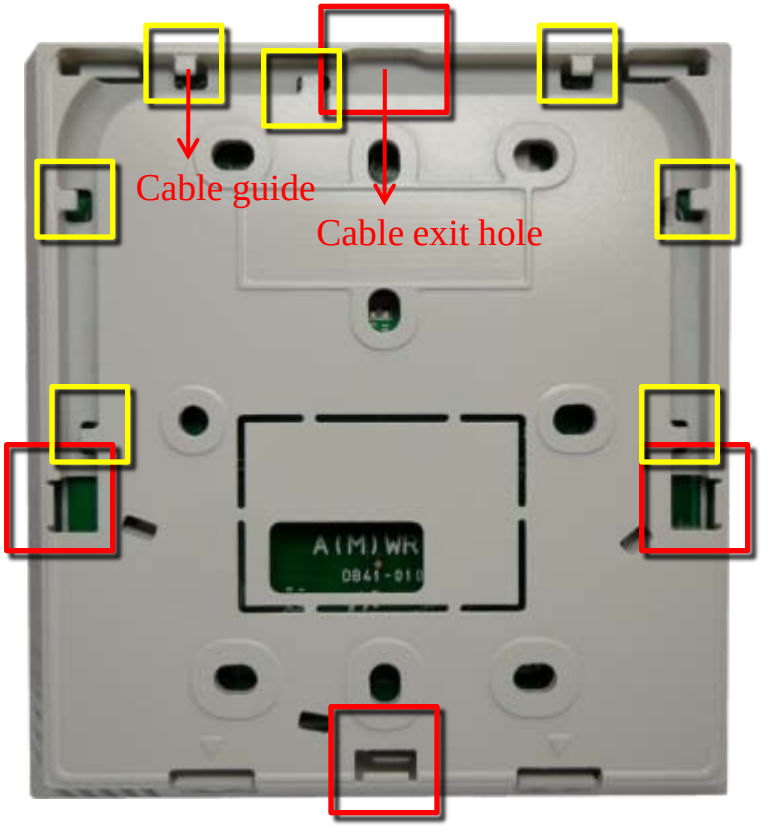
  - Not provided the line for power and communication connection in mass product



- **Back cover (1)**

  - 4 way grooves and cable guides are added for cable

4way grooves are added for cable.



Easy to mount to the wall tightly.

It can be easily open back case.

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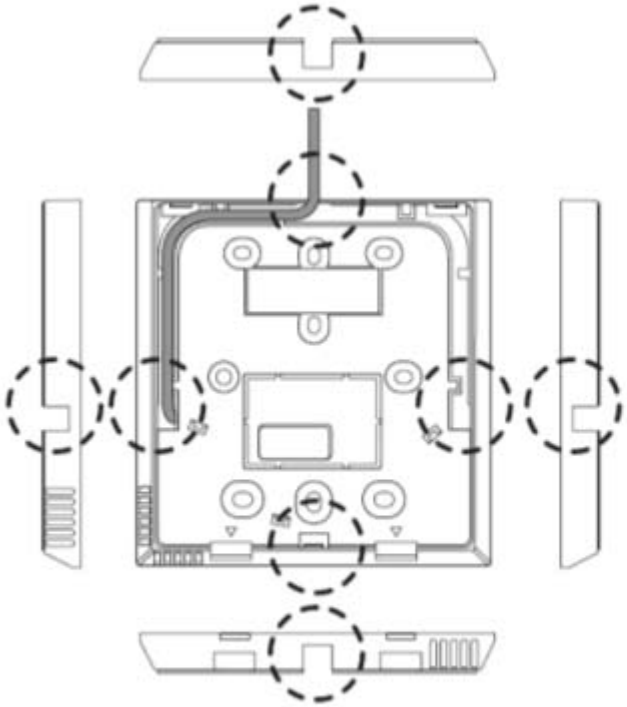
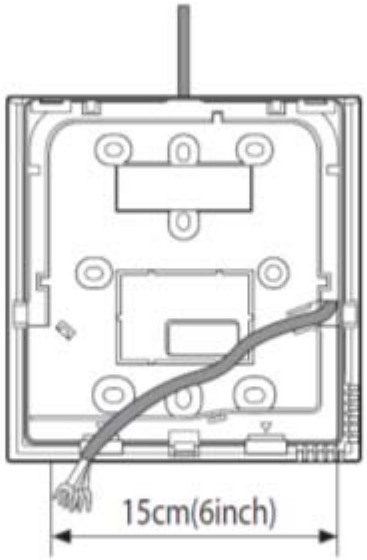
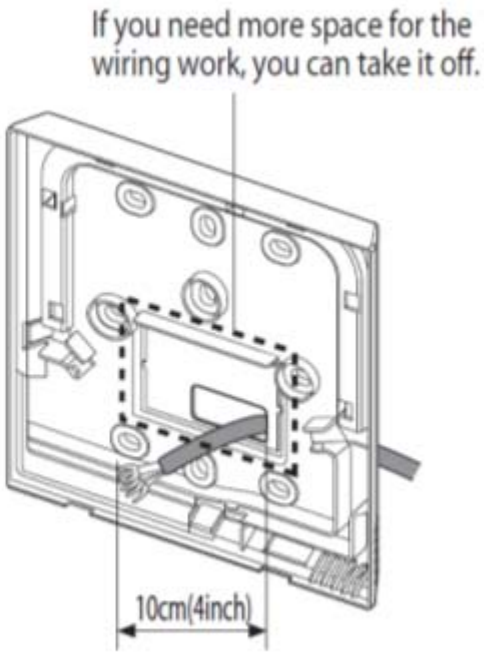
- **Back cover (2)**





<When the cable is not concealed>



<When the cable is concealed>

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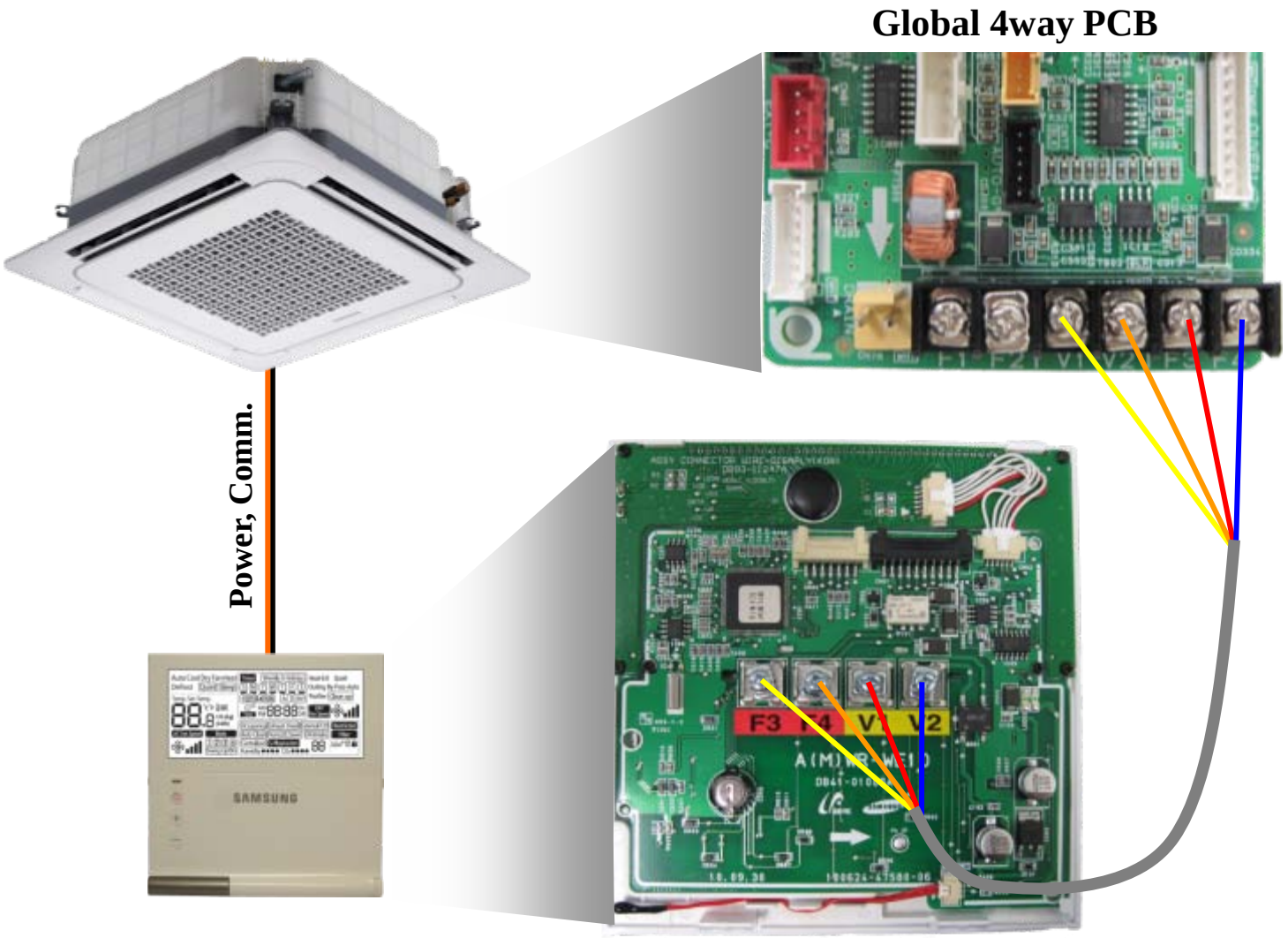
Option switch

- It doesn’t need to open the cover to set/change option switches.

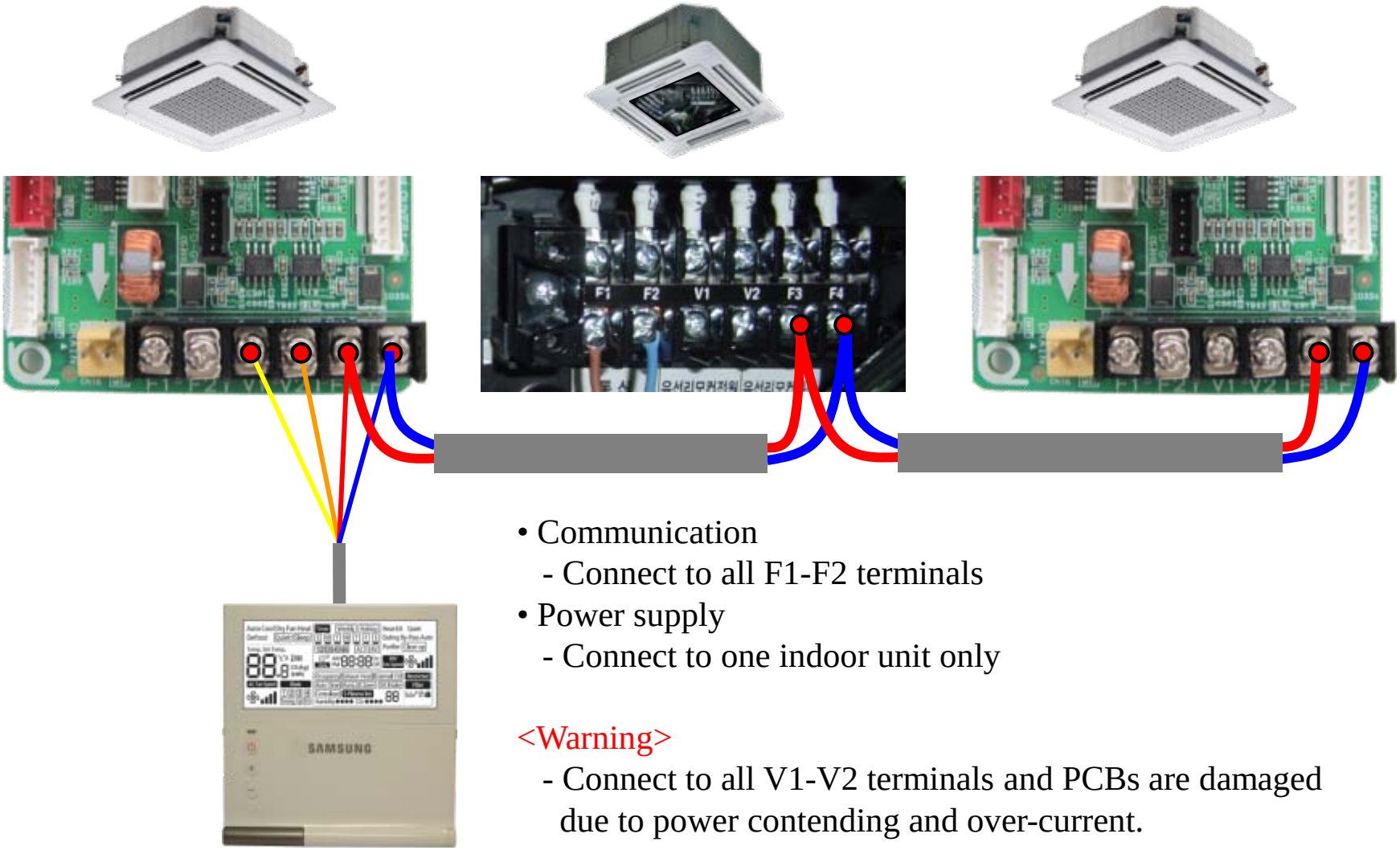
No address & option switch on global 4way cassette

- No option switch on MWR-WE10
- Function of setting indoor unit address and option embedded inside

- **Installation (1)**



Installation (2)



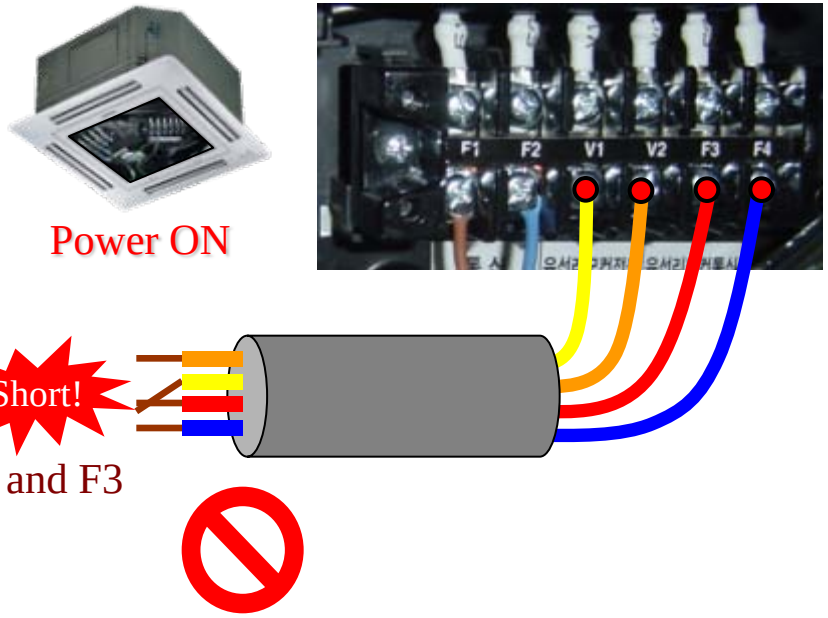
• Communication
  - Connect to all F1-F2 terminals
• Power supply
  - Connect to one indoor unit only

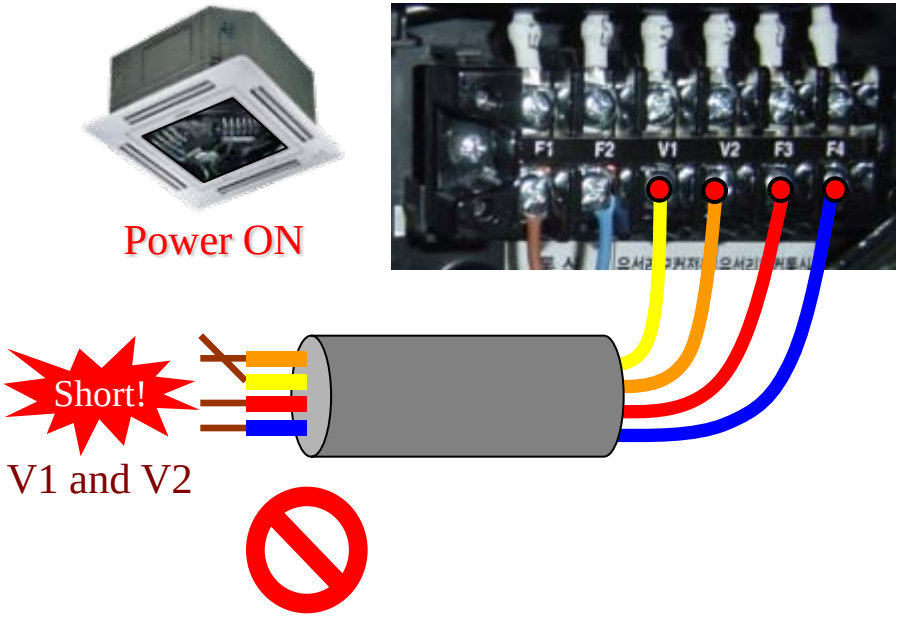
<Warning>
  - Connect to all V1-V2 terminals and PCBs are damaged due to power contending and over-current.

Installation (3) - Precaution

• Turn off the indoor unit power before making connections of wired R/Cs.

- Case 1. If wire V1 makes contact to F3 or F4 with the indoor unit powered ON, the indoor unit PCB could be damaged(COM2) by abrupt overload to communication terminals.
- Case 2. Contact of V1 and V2 makes the indoor unit PCB electrically short, which damages indoor unit power supply by excessive current drive.





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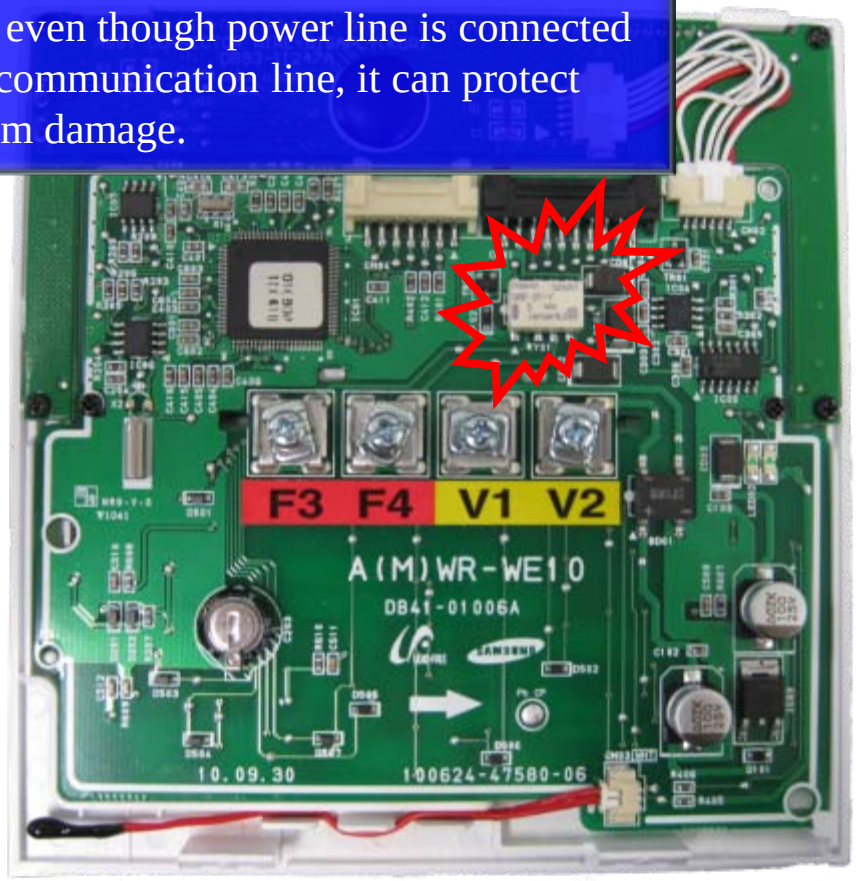
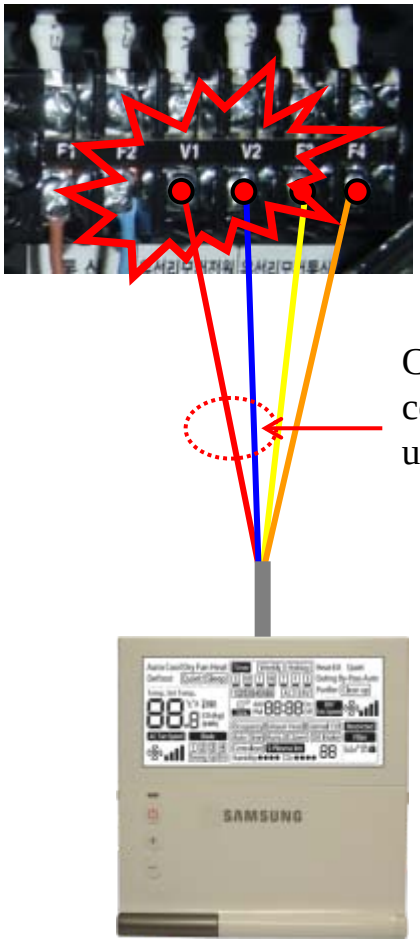
- **Installation (4) – Protection circuit**

WE10 applies protection circuit.
So even though power line is connected to communication line, it can protect from damage.





Communication lines are connected to indoor unit's 12V DC (V1/V2)
→ No damage

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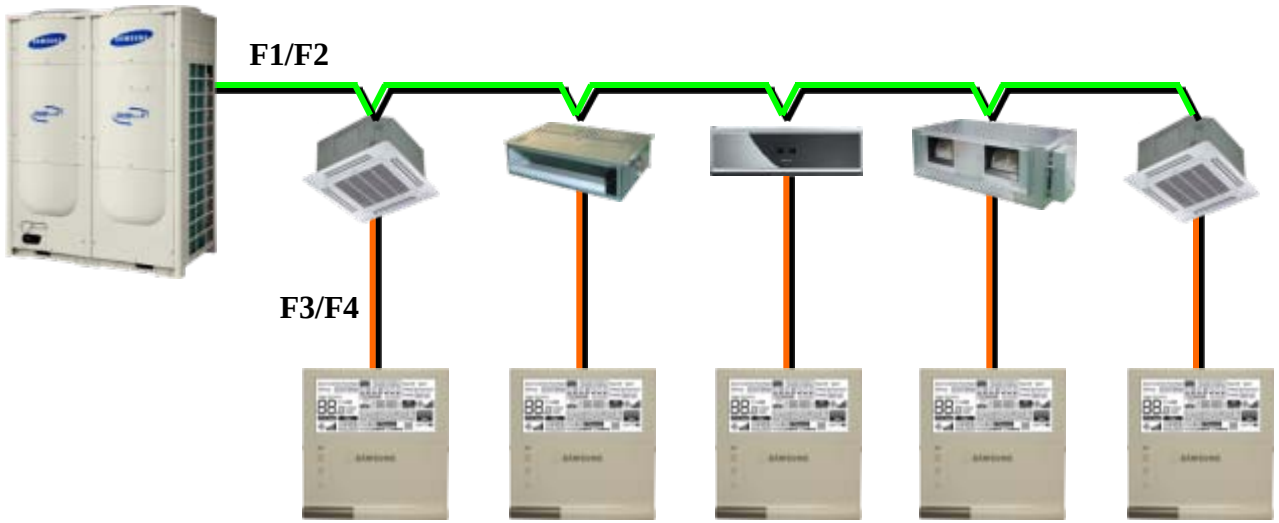
Connection (1)

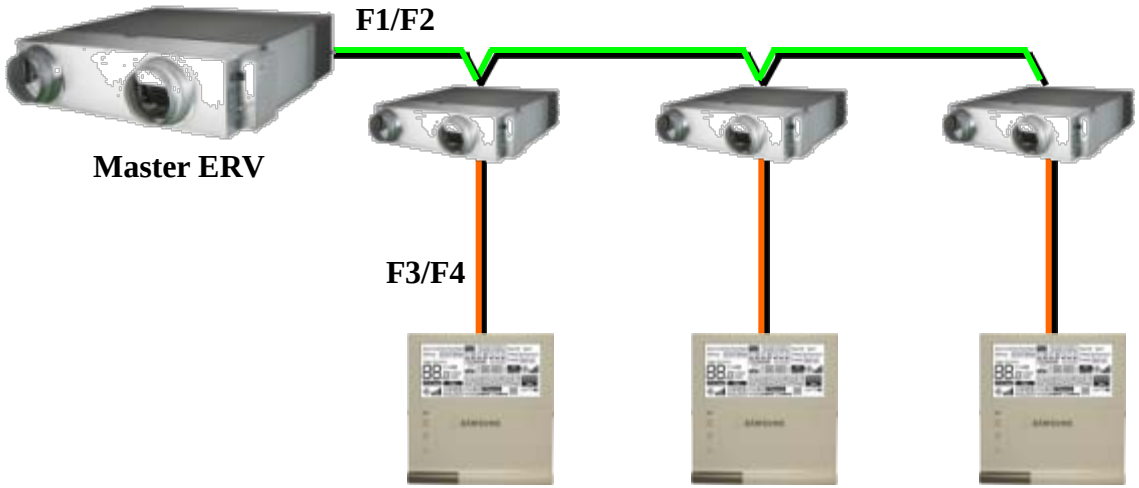
Individual Control (1)	Control 1 Indoor unit with 1 wired remote controller



Connection	1 : 1
Control	Connected indoor unit
Display	Operation status of the connected indoor unit
Error occurrence	Displays an indoor unit error

Connection (2)

Individual Control (2)	Control 1 ERV with 1 wired remote controller



Connection	1 : 1
Control	Connected ERV
Display	Operation status of the connected ERV
Error occurrence	Displays an ERV error

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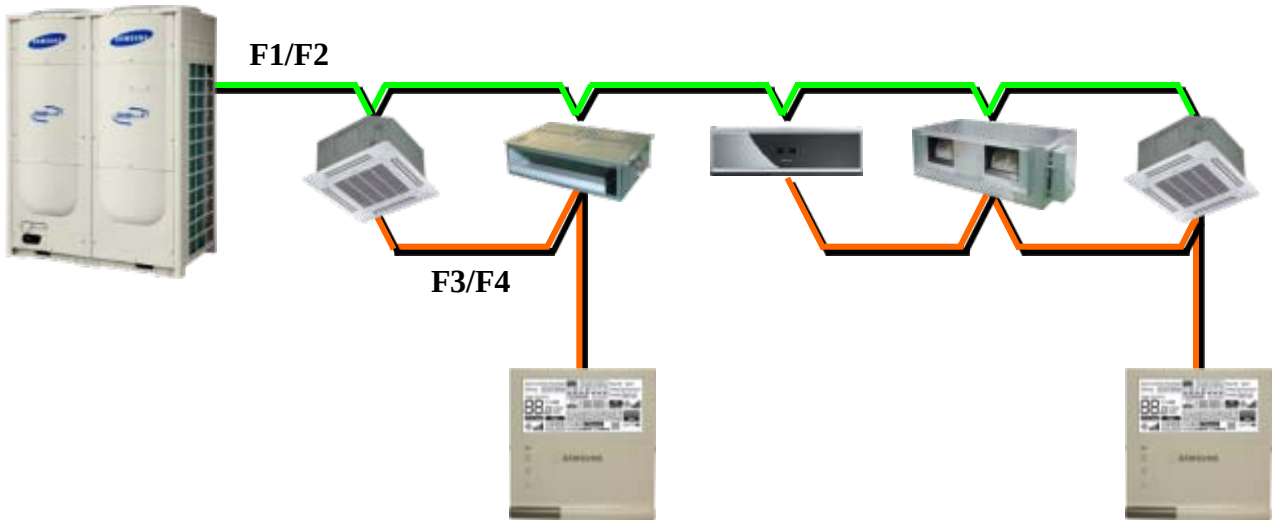
Connection (3)

Group Control (1)	Control multiple indoor units with 1 wired remote controller



Connection	1 : N (Max. 16 units)
Control	All connected indoor units
Display	Operation status of connected master indoor unit
Error occurrence	Displays the error if there is an error occurred in one of indoor unit

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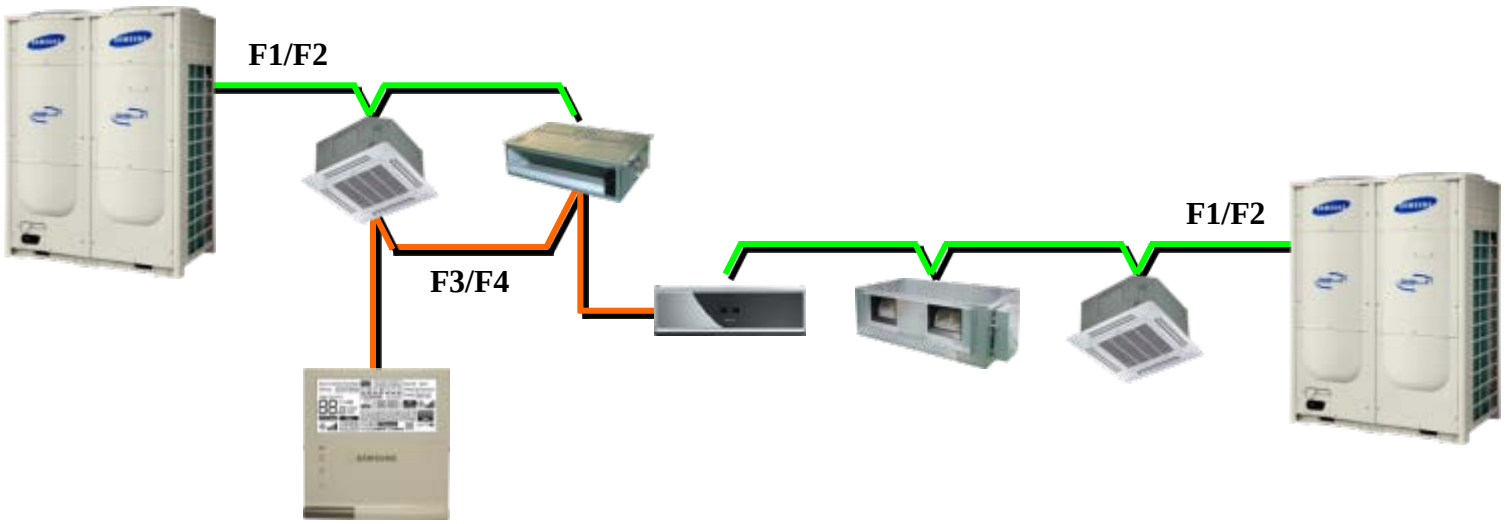
Connection (4)

Group Control (2)	Control multiple indoor units connected to different outdoor unit with 1 wired remote controller



Connection	1 : N (Max. 16 units)
Control	All connected indoor units
Display	Operation status of connected master indoor unit
Error occurrence	Displays the error if there is an error occurred in one of indoor unit

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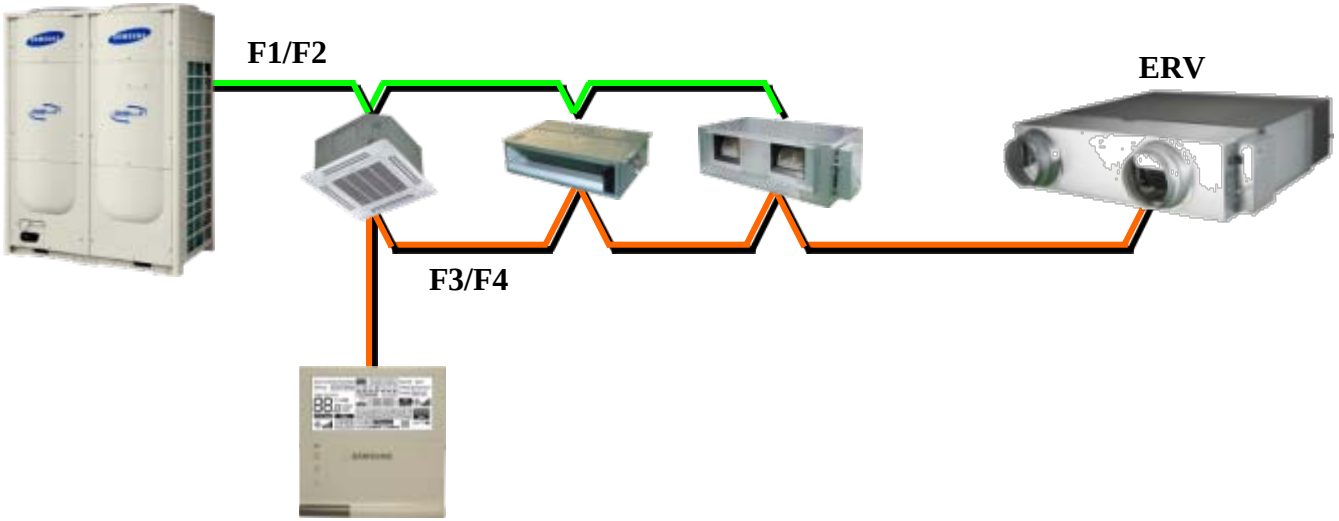
Connection (5)

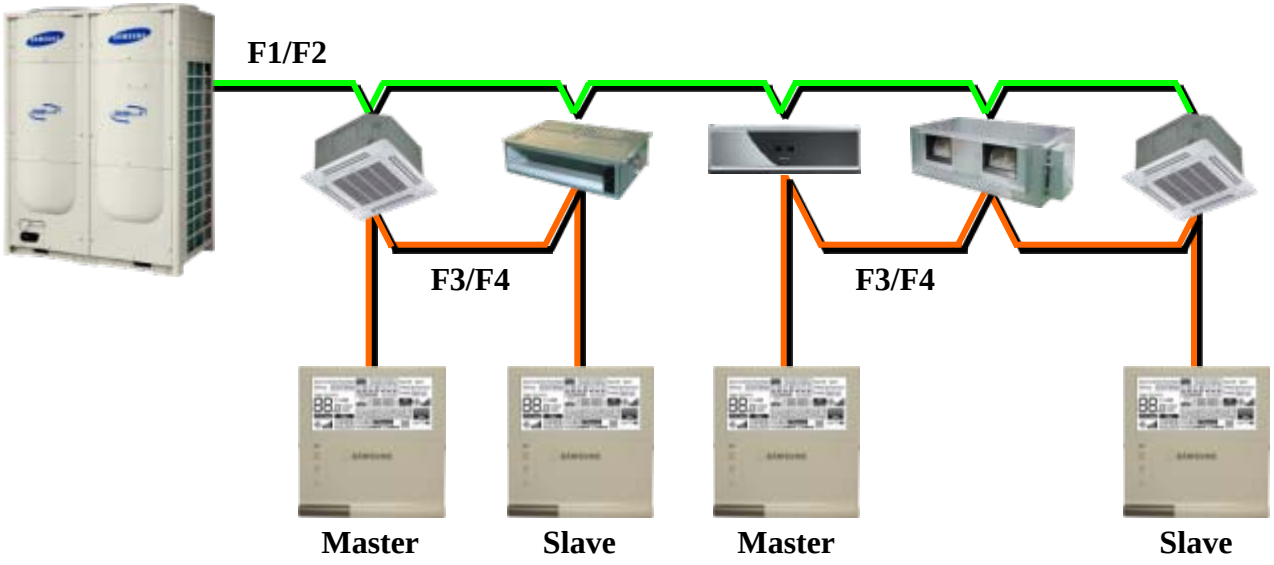
Group Control (3)	Control multiple indoor units and ERVs with 1 wired remote controller



Connection	1 : N (Max. 16 units)
Control	All connected indoor units and ERVs
Display	Operation status of connected master indoor unit and ERV
Error occurrence	Displays the error if there is an error occurred in one of indoor unit or ERV

Connection (6)

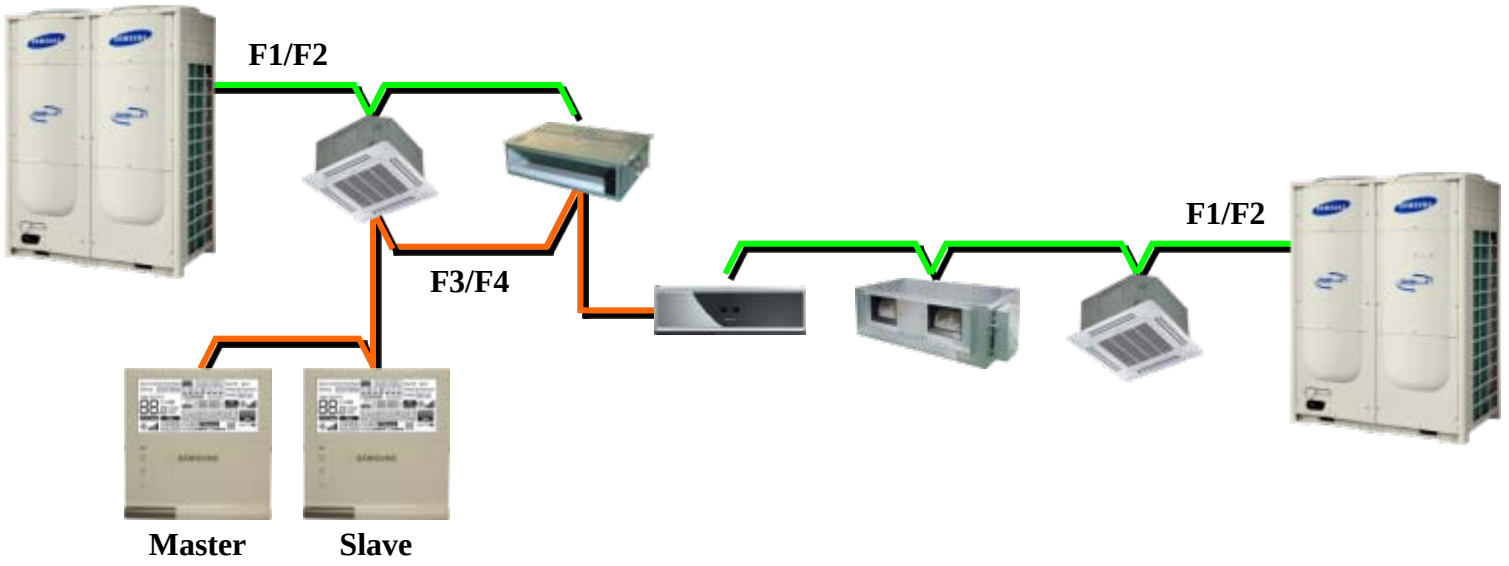
Group Control (4)	Control multiple indoor units with 2 wired remote controller



Connection	2 : N (Max. 16 units)
Control	All connected indoor units
Display	Two wired remote controllers identically display the operation status of the indoor unit
Error occurrence	Displays the error if there is an error occurred in one of indoor unit

Connection (7)

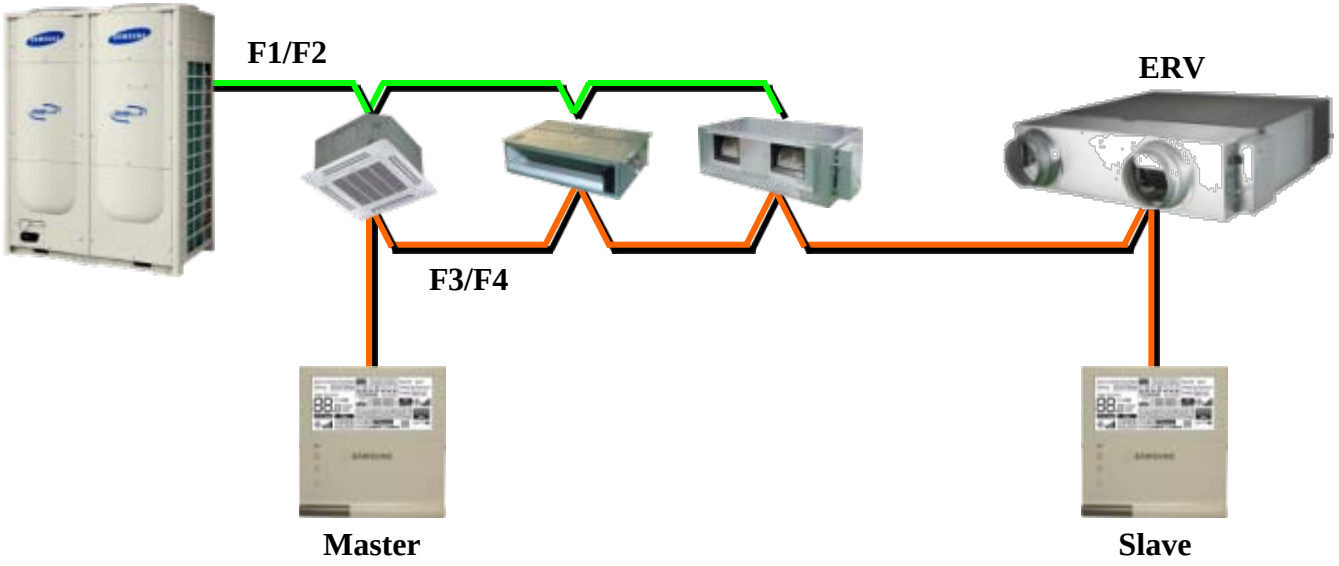
Group Control (5)	Control multiple indoor units connected to different outdoor unit with 2 wired remote controller



Connection	2 : N (Max. 16 units)
Control	All connected indoor units
Display	Two wired remote controllers identically display the operation status of the indoor unit
Error occurrence	Displays the error if there is an error occurred in one of indoor unit

Connection (8)

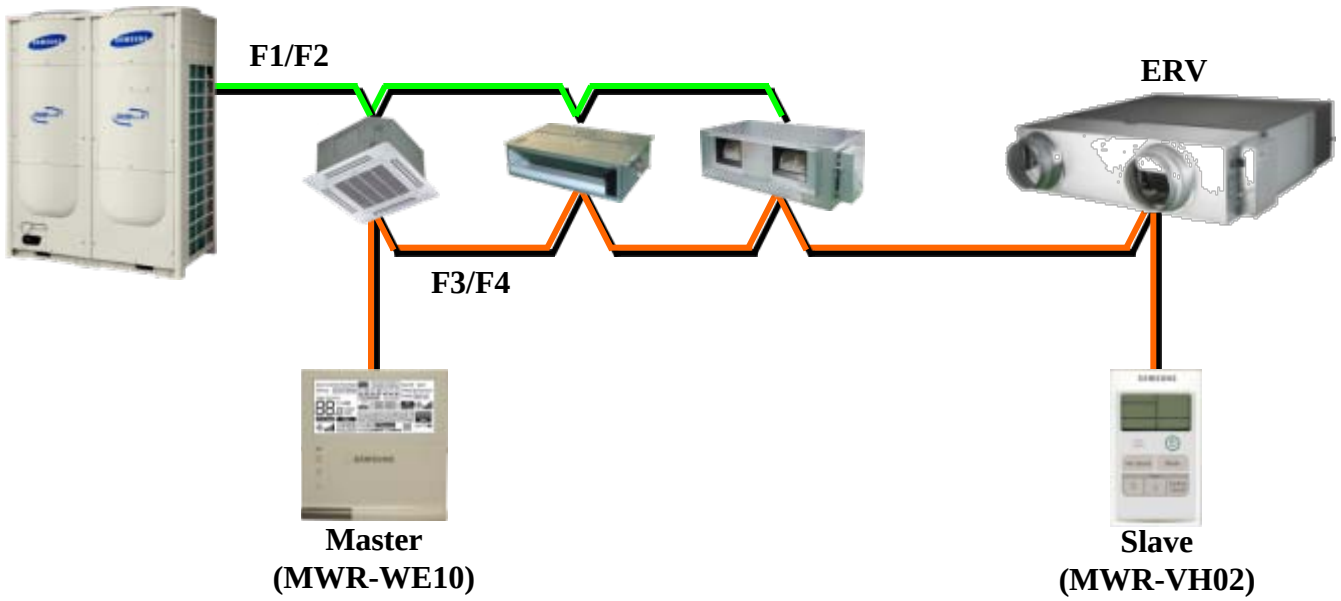
Group Control (6)	Control multiple indoor units and ERVs with 2 wired remote controller



Connection	2 : N (Max. 16 units)
Control	All connected indoor units and ERVs
Display	Two wired remote controllers identically display the operation status of the indoor unit and ERV
Error occurrence	Displays the error if there is an error occurred in one of indoor unit or ERV

Connection (9)

Group Control (7)	Control multiple indoor units and ERVs with 2 wired remote controller of different type



Connection	2 : N (Max. 16 units)
Control	All connected indoor units and ERVs (MWR-VH02 can control only ERV.)
Display	Two wired remote controllers identically display the operation status of ERV
Error occurrence	Displays the error if there is an error occurred in one of indoor unit or ERV

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Connection (10)

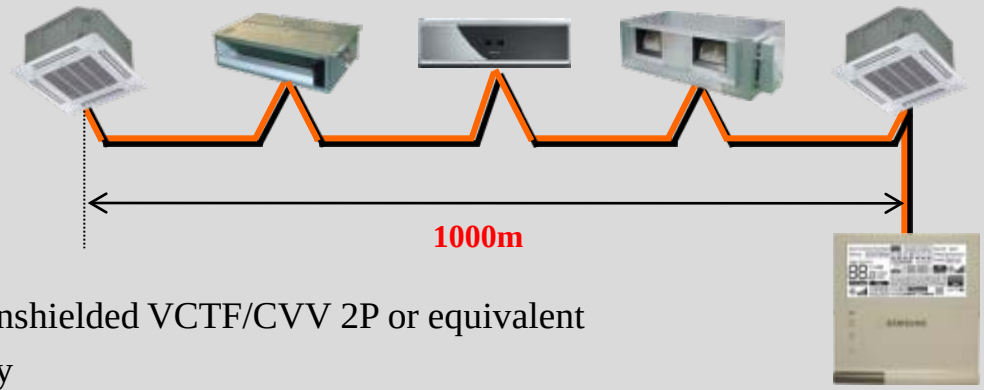
- Master/Slave connection of wired remocon controller

	MWR-WE10	MWR-WE00	MWR-WH00	MWR-SH00	MWR-VH02
MWR-WE10	○	○	○	×	○
MWR-WE00	○	○	○	×	○
MWR-WH00	○	○	○	×	○
MWR-SH00	×	×	×	○	×
MWR-VH02	○	○	○	×	○

MWR-TH01, MWR-WS00, MWR-VH01 can not connect with MWR-WE10.

- Length of transmission wiring

Maximum distance between the farthest indoor unit and wired remote controller : **1000m**



- 1.5mm^2, unshielded VCTF/CVV 2P or equivalent
- No polarity

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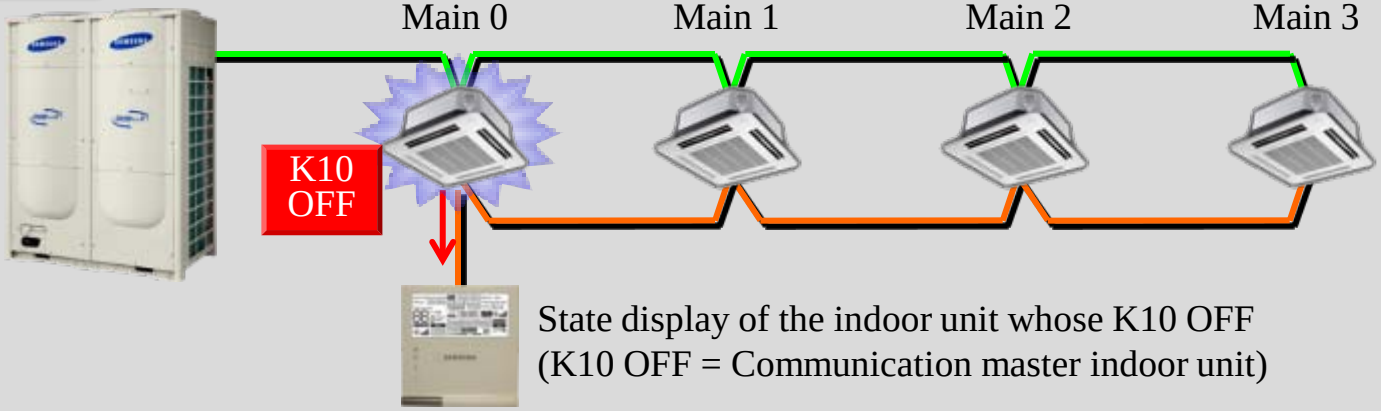
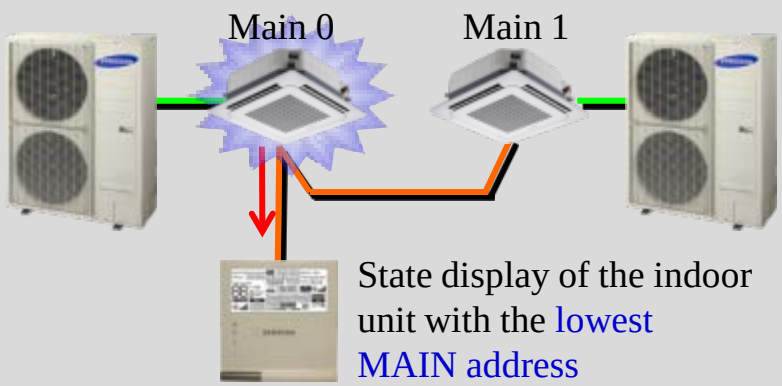
Indoor unit state display (1)

Priority 1



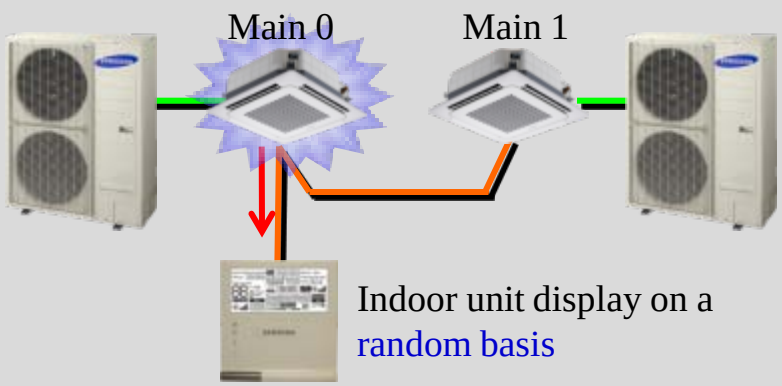
State display of the indoor unit whose K10 OFF
(K10 OFF = Communication master indoor unit)

Priority 2



State display of the indoor unit with the lowest MAIN address

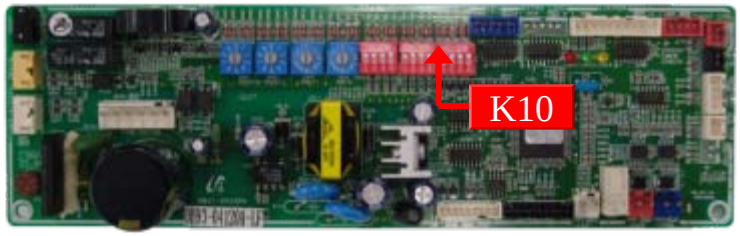
Priority 3



Indoor unit display on a random basis

Indoor unit state display (2)

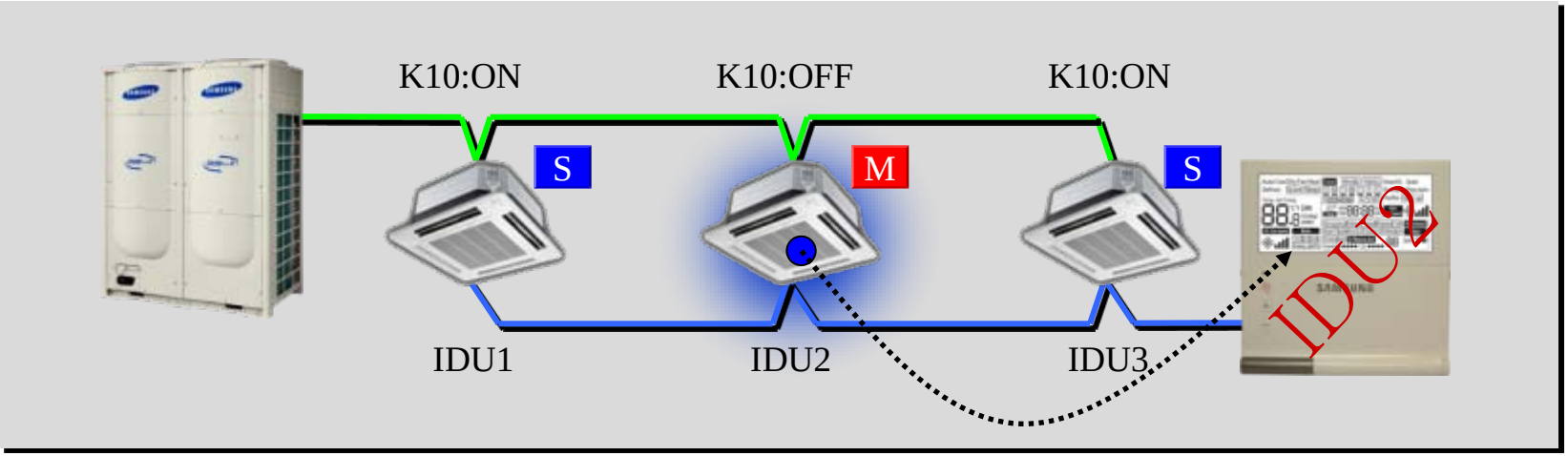
DVM Plus II/III 4way PCB



Option switch K10 of DVM Plus Ⅲ/Ⅳ PCB	
Function	Display priority of indoor unit display on the wired remote controller.
Operation	- ON : Slave (Low priority) - OFF : Master (High priority)

Note

1. Not applied to MWR-TH01 or MWR-SH00
2. DVM Plus II/III/Ⅳ, HR II/III/Ⅳ only



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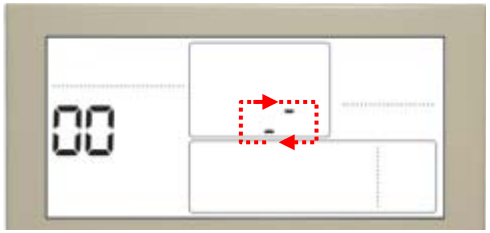
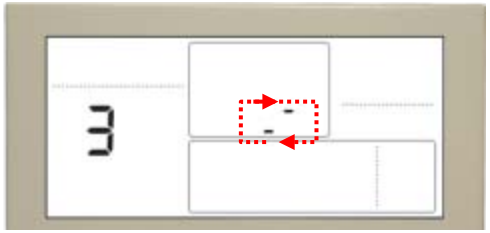
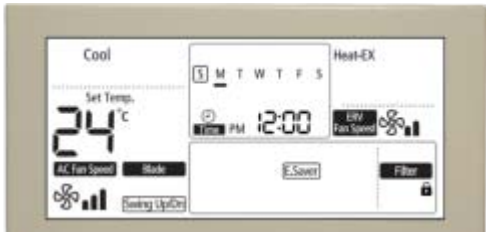
Operation sequence

Operation	Display	
Power reset		All the LCD segments are ON for 1 second.
Registration (Start)		Two segment on the temperature display rotates clockwise to search for indoor unit registration process.
Registration (Success)		Display all connected unit quantity. (AC + ERV)
Normal operation		Display connected unit operation state.

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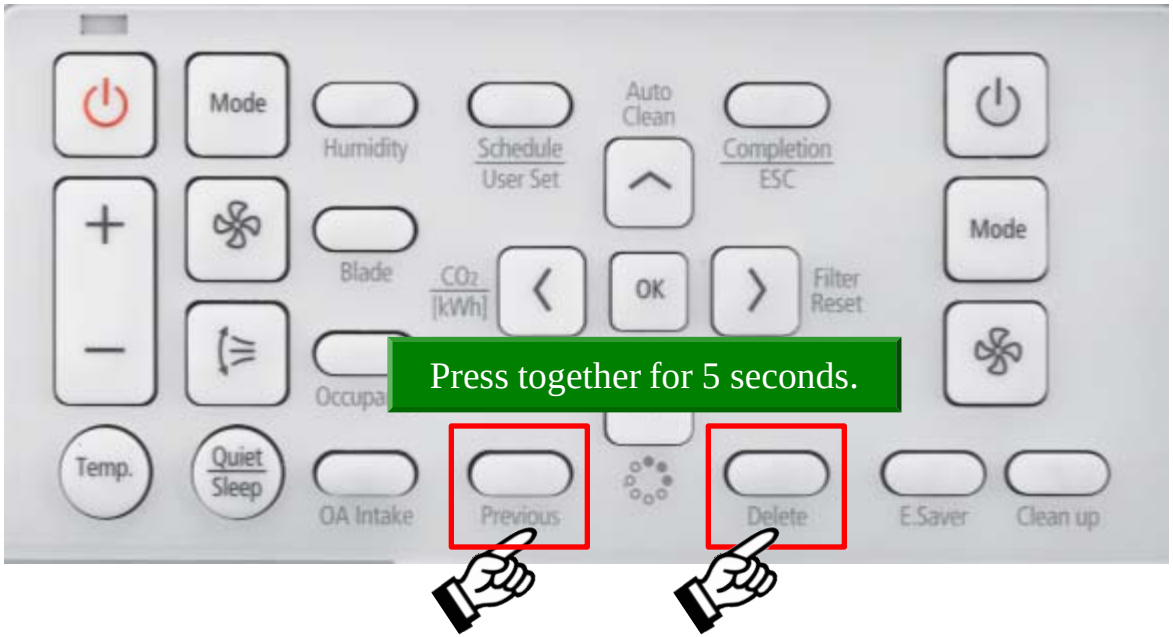
Reset function

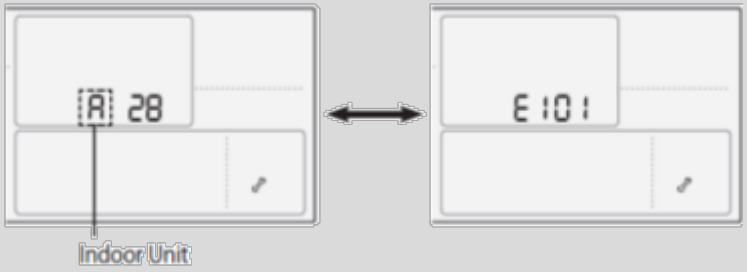
- ▶ No need to turn power OFF and ON again to restart
- ▶ Press “Previous” and “Delete” for 5 seconds to reset the wired remote controller
- ▶ When reset is required?
  → After hardware setting change (ex. Option switch) or communication wiring change.
- ▶ After reset, all of LCD segment turn OFF and turn ON again. And then tracking procedure starts.



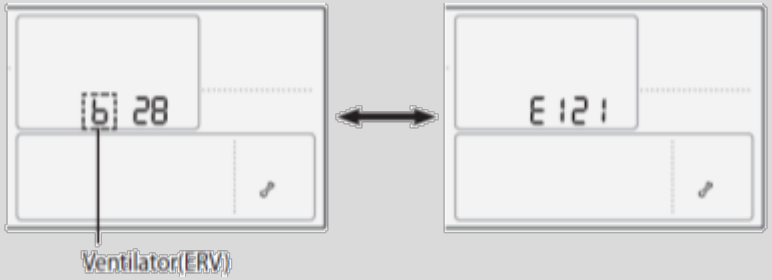
Error display (1)

1) Wired remote controller error
   - E6** : Error code

2) Indoor unit error
   - A** : Main address #
   - E*** : Error code



3) ERV
   - b** : Main address #
   - E*** : Error code



※ Error display priority : ERV error < Indoor unit error < Wired remote controller error
→ Ex> If indoor unit and wired R/C make error at once, wired R/C displays its error.

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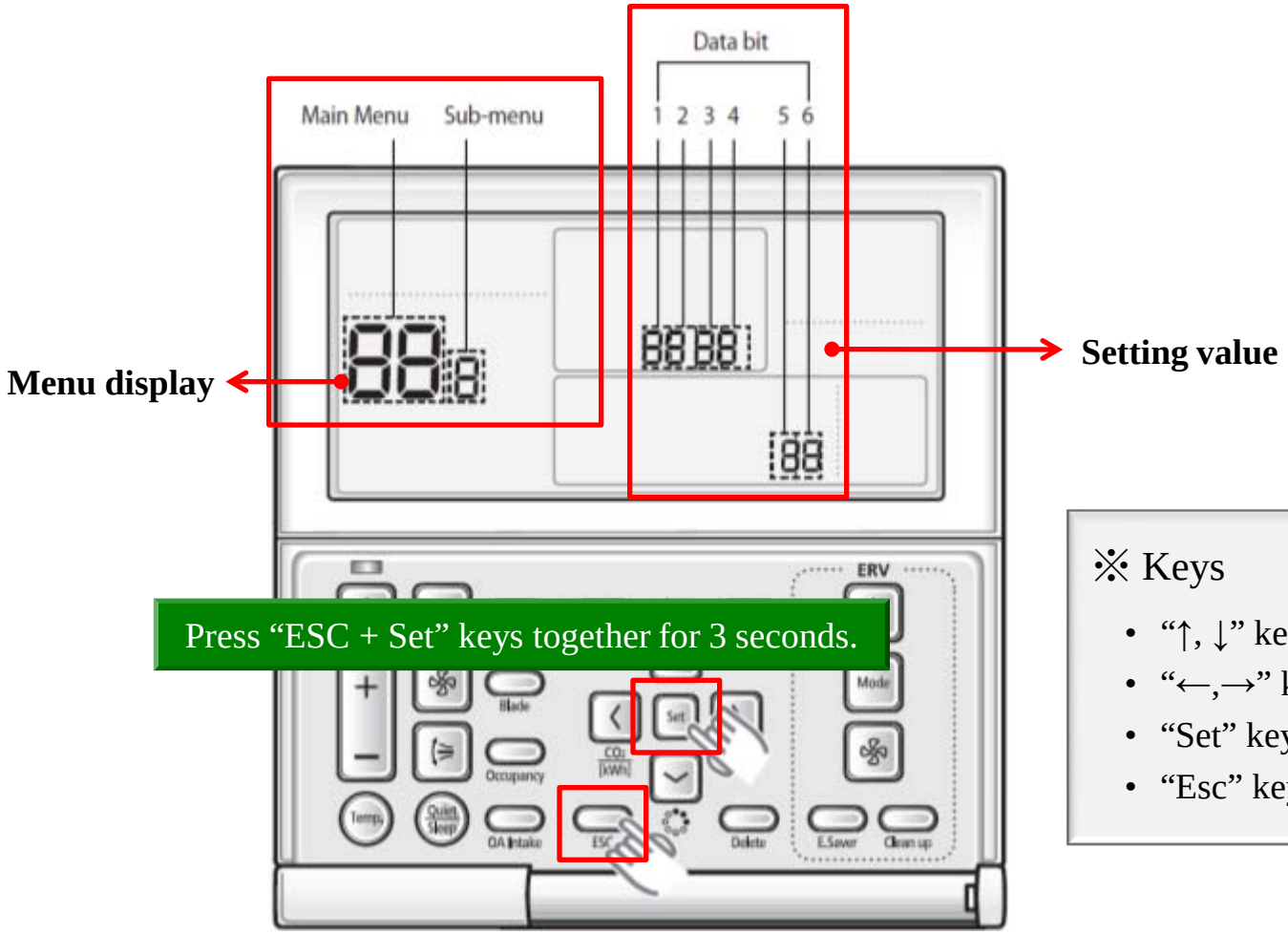
Error display (2)

Display	Description
601	Communication error between wired remote controller and indoor/ERV units after successful communication.
602	No communication between Master(Main) and Slave(Sub) wired remote controllers.
604	No communication between wired remote controller and indoor/ERV units
606	Wired remote controller is connected on F1/F2 channel.
607	Two or more wired remote controllers is set as Master(Main).
608	No ERV unit installed for interlocking function.
609	No indoor unit installed for interlocking function.
618	Over 16 indoor/ERV indoor units installed.
619	Indoor units of different temperature setting(°C/°F) connected to same wired remote controller.
620	Wired remote controller(s) has different temperature unit setting with indoor unit(s).
621	Slave(Sub) wired remote controller has different option setting with Maser(MAIN).
627	Two or more wired remote controllers set as Slave(SUB).
630	No By-Pass function on ERV unit but wired remote controller is set to use By-Pass.
631	No Auto function on ERV unit but wired remote controller is set to use Auto.
653	Temperature sensor Open/Short error.
654	- Memory error. - No damper feedback.

- **Service Mode**



※ Keys

- “↑, ↓” key : Change the setting value
- “←,→” key : Select the setting value
- “Set” key : Save the setting value
- “Esc” key : Exit to normal mode

Service Mode

- **Menu (1)**

All option switches existing on MWR-WE00/WH00 PCB can be set by service mode in MWR-WE10.

Main menu	Sub menu	Function		Data bit	Factory setting	Description	Unit
1	1	Wireless remote controller Option setting/checking (1)	Cooling/Heating selection	1	0	0 – Cooling/Heating, 1 – Cooling only	-
			Use of wireless remote controller	2	1	0 – No use, 0 - Use	-
			MAIN/SUB wired remote controller	3	0	0 –MAIN, 1- SUB	-
			Temperature unit	4	0	0 – Celcius(°C), 1 – Fahrenheit(°F)	-
	2	Wireless remote controller Option setting/checking (2)	Temperature sensor selection	1	0	0 – Indoor unit, 1 – Wired remote controller	-
			Use of average temperature	2	0	0 – No use, 0 - Use	-
			Use of Auto mode	3	1	0 – No use, 0 - Use	-
			Temperature display	4	0	0 – Set temperature, 1 - Room temperature	-
			AC On/Off button function	5	0	0 – Indoor unit + ERV, 1 – Indoor unit only, 2 – ERV only,	-
	3	Blade setting/checking	Lock of Blade1	1	0	0 – Unlock, 1 – lock	-
			Lock of Blade2	2	0	0 – Unlock, 1 – lock	-
			Lock of Blade3	3	0	0 – Unlock, 1 – lock	-
			Lock of Blade4	4	0	0 – Unlock, 1 – lock	-
	4	ERV option Setting/checking	Use of By-Pass mode	1	0	0 – No use, 1 - Use	-
			Use of Auto mode	2	0	0 – No use, 1 - Use	-
			Use of air purification mode	3	0	0 – No use, 1 - Use	-
			Use of external control	4	0	0 – No use, 1 - Use	-
	5	Room Temperature compensation	Temperature control reference	1,2,3	0	-9 ~ 40(°C)	0.1(°C)
			Temperature compensation value	4,5,6	0	-9.9 ~ 9.9(°C)	0.1(°C)
	6	Number of connected units	Number of indoor units	1,2	-	0 ~ 16	-
			Number of ERVs	3,4	-	0 ~ 16	-
	7	Temperature increment/decrement (°C only)		1	0	0-1°C, 1-0.5°C, 2-0.1°C	-
	0	Factory option setting		1	0	0 – Unchanged 1 – Factory setting	-

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- **Menu (2)**

Main menu	Sub menu	Function		Data bit	Factory setting	Description	Unit
2	1	Software code		1~6	-	Software code	-
	2	Software version		1~6	-	Software version	-
3	1	Indoor unit room temperature		1,2,3	-	Room temperature	℃
	2	Indoor unit EVA IN temperature		1,2,3	-	EVA IN temperature	℃
	3	Indoor unit EVA OUT temperature		1,2,3	-	EVA OUT temperature	℃
	4	Indoor unit EEV step		1,2,3	-	EEV step	-
	5	Indoor unit option checking (1)	Use of central control	1	-	0 – No use, 1 - Use	-
			Use of drain pump	2	-	0 – No use, 1 - Use	-
			Use of electric heater	3	-	0 – No use, 1 - Use	-
			Use of hot water coil	4	-	0 – No use, 1 - Use	-
	6	Indoor unit option checking (2)	Use of external control	1	-	0 – No use, 1 - Use	-
			Use of RPM compensation	2	-	0 – No use, 1 - Use	-
			Filter time	3	-	0 – 2000 hours, 1 – 1000 hours	-
			Heating temperature compensation	4	-	0-2℃, 1-5℃	-
			EEV stop step in heating	5	-	0 – 1/80 steps, 1 – 80	-
4	1	Indoor unit main address checking		1,2	-	Main address (0~63)	-
		Indoor unit main address setting		3,4	-	Main address (0~63)	-
		Indoor unit RMC address setting/checking		5,6	-	RMC address (00H~2FH)	-
	2	Indoor unit option code setting/checking		1)*	-	Indoor unit option code (24 bits)	-
	3	Indoor unit option switch setting/checking		1)*	-	Refer to the indoor unit installation manual for details	-

Function of setting indoor unit address and option embedded inside.
(Ex> Global 4way cassette)

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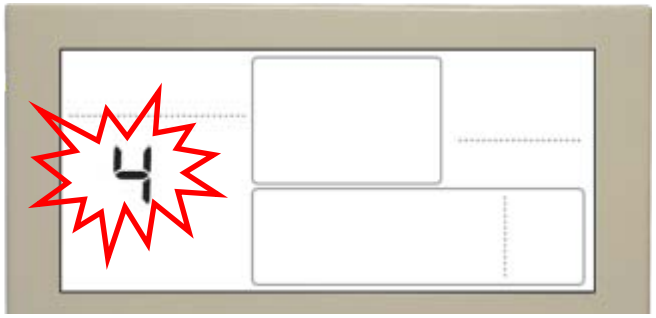
- **Menu (3)**

Main menu	Sub menu	Function		Data bit	Factory setting	Description	Unit
5	1	AHU setting/checking	Setting/checking the differential value	1,2	-	0~30	1
			RPM setting/checking	3,4	-	0~25	1 RPM
			filter performance	5	-	0 – Pre 1 – Medium performance 2 –High performance	-
			humidity setting/checking	6	-	0 – 30, 1 - 40, 2 - 50	-
	2	AHU discharge temperature setting/checking	Use of discharge temperature control	1	-	0 – No use, 1 - Use	-
			Cooling discharge temperature	3,4	-	10 ~25°C	1°C
			Heating discharge temperature	5,6	-	28 ~43°C	1°C
	3	Fresh Duct discharge temperature checking	Cooling discharge temperature	1,2	-	13~25	1°C
			Heating discharge temperature	3,4	-	18~30	1°C
6	1	ERV Plus setting/checking	Use of cold air prevention	1	-	0 – No use, 1 - Use	-
			Use of humidification	2	-	0 – No use, 1 - Use	-
			Use of fan operation in Defrost	3	-	0 – No use, 1 - Use	-
			Use of humidification	4	-	0 – No use, 1 - Use	-
	2	ERV Plus temperature setting/checking	Cooling	1,2	-	15~30°C	1°C
			Heating	3,4	-	15~30°C	1°C
	3	ERV Plus Auto mode temperature setting/checking	Set temperature	1,2	-	15~30°C	1°C
			Set temperature difference	3,4	-	5~15°C	1°C
	4	Setting/checking the compensating temperature A under the Heating EEV control for ERV Plus		1,2	-	0~10°C	1°C
		Checking the compensating temperature B under the Heating EEV control for ERV Plus		3,4	-	0 – Non use of humidifier(0°C) 1 – Use humidifier(10°C)	-
	5	ERV Plus fan RPM setting/ checking	Air supply RPM	1,2	-	10~27 RPM	1 RPM
			Air exhaustion RPM	3,4	-	10~27 RPM	1 RPM
0		Factory setting		1	-	0 – No use, 1– Factory setting	-

- **Example 1 - Option code setting**

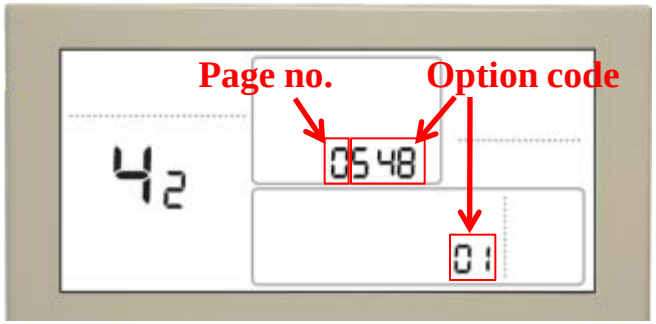


Step 1

1. Press “Set” and “ESC” buttons at the same time for more than 3 seconds.
   ▶ [Main menu] will be displayed and then press “↑,↓” button to select no. 4.

Step 2

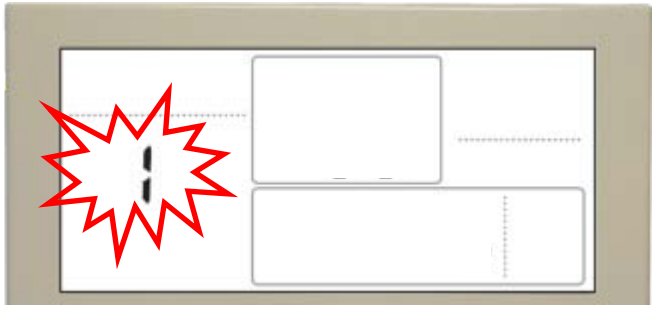
2. Press “→” button to select the number you will set.
   ▶ Press “↑,↓” button to select no. 2.



Step 3

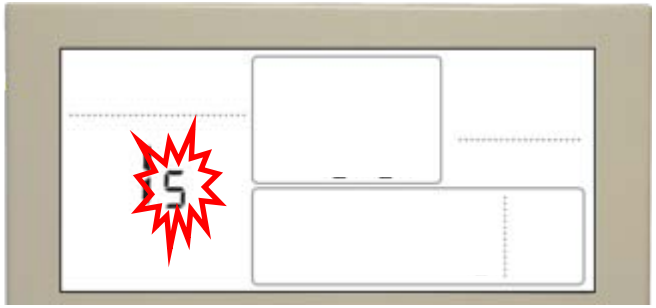
3. Press “→” button to enter the option code setting stage.
   ▶ When you enter the setting stage, the current setting value will be displayed like left picture.
4. Press “←,→” button to select the desired data.
5. Press “Set” button to complete the option setting.

- **Example 2 - Temperature compensation value setting**



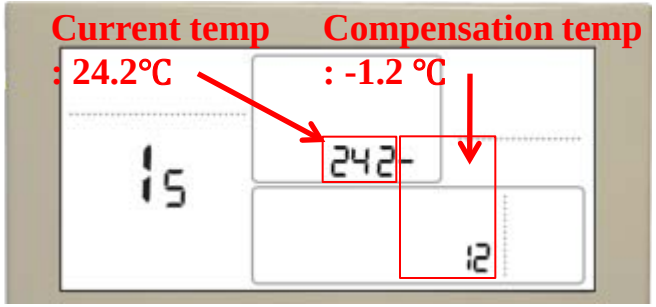
Step 1

1. Press “Set” and “ESC” buttons at the same time for more than 3 seconds.
   ▶ [Main menu] will be displayed and then press “↑,↓” button to select no. 1.



Step 2

2. Press “→” button to select the number you will set.
   ▶ Press “↑,↓” button to select no. 5.



Step 3

3. Press “↑,↓” button to adjust the compensation temperature.
   ▶ When you enter the setting stage, the current temperature and setting value will be displayed like left picture.
   ▶ Setting range : -9.9 ~ 9.9℃
4. Press “Set” button to complete the setting.