3. Simplified Remote Controller

3.1 BRC2C51

Unit: mm

2 – 5 × 9 round end slit

120

70

0. 5

15   35

Optional switch box

72

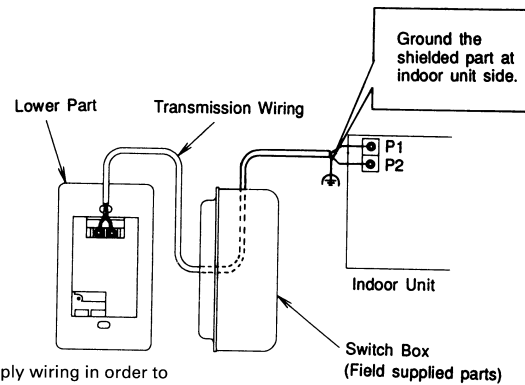83. 5

49

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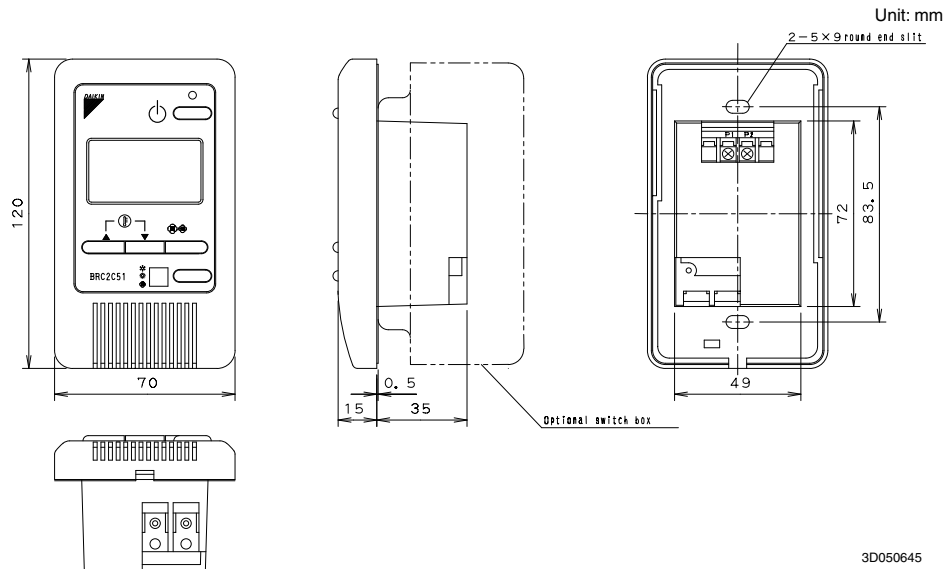
1. Remove the upper part of remote controller.

Insert minus screwdriver into the slots between the upper and the lower part of remote controller.
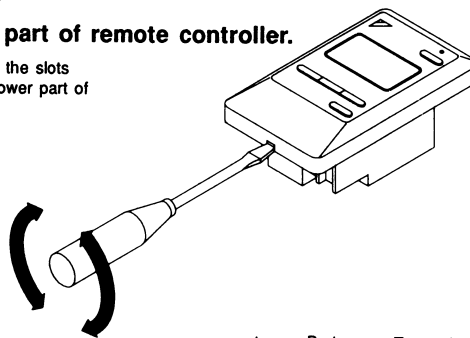
2. Wire the indoor unit.

Connect terminals P1 and P2 on the rear of the lower part of remote controller to terminals P1 and P2 on the indoor unit. (Terminals P1 and P2 have no polarity.)

Lower Part   Transmission Wiring

Ground the shielded part at indoor unit side.

P1
P2

Indoor Unit

Switch Box
(Field supplied parts)

NOTE

1. When wiring, run the wiring away from the power supply wiring in order to avoid receiving electric noise (external noise).
2. When wiring, refer to the wiring diagram of indoor unit (attached to indoor unit) as well.

WIRING SPECIFICATION

Wiring type	Shield wire (2 wire) (See NOTE 2,3)
Size	0.75 – 1.25 mm^2

NOTE) 1. Treat the terminal for the wire to be connected to the remote controller so the shielded part does not touch any other part.
2. Sheathed wire may be used for transmission wirings, but they do not comply with EMC (Electromagnetic Compatibility) (European Directive).
When using sheathed wire, EMC must conform to Japanese standards stipulated in the Electric Appliance Regulatory Act.
(If using a sheathed wire, the grounding shown the figure on the right is unnecessary.)

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3. Fasten the remote controller.

Attach the lower part of remote controller to the switch box (field supplied parts).
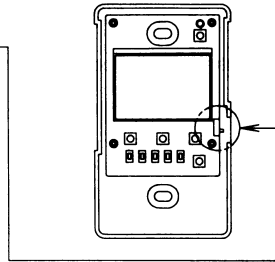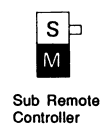
NOTE

Choose the flattest place possible for the mounting surface. Be careful not to distort the shape of the lower part of remote controller by over-tightening the mounting screws.

For the field supplied switch box, use optional accessories KJB111A.

Switch Box
(Field supplied parts)

Mounting screw
(attached)

Lower Part
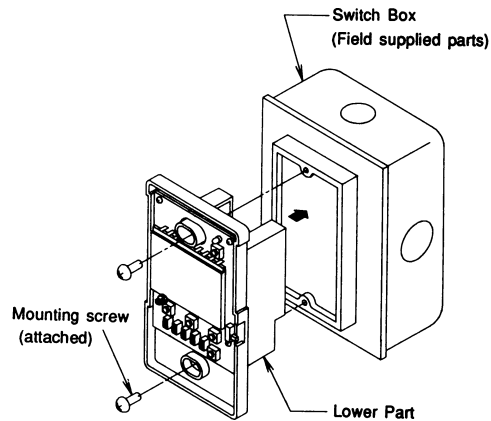
4. Initial setting

Change the MAIN/SUB changeover switch setting as described below.
If controlling one indoor unit with two remote controllers.
Set one remote controller to "main," and the other to "sub."

Main Remote
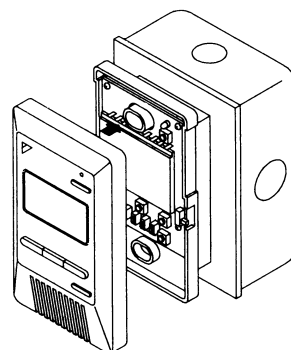Controller
(Factory Set)

Sub Remote
Controller

NOTE

• If controlling with one remote controller, be sure to set it to "main."
• Set the remote controller before turning power supply on.

"88" is displayed for about one minute when the power supply is turned on, and the remote controller cannot be operated in some cases.

5. Reattach the upper part of remote controller.

NOTE

1. The switch box and wiring for connection are not included.
2. Do not directly touch the PC board with your hand.
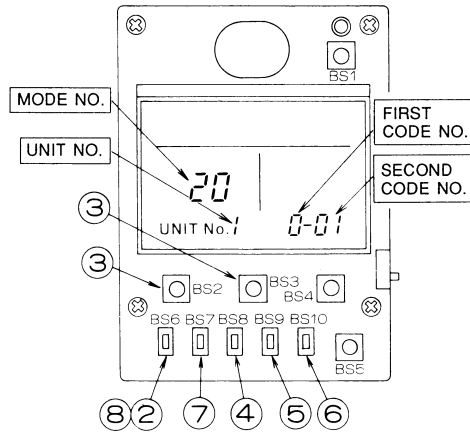
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FIELD SETTING

(If optional accessories are mounted on the indoor unit, the indoor unit setting may have to be changed. Refer to the instruction manual for each optional accessory.)

Procedure

① Remove the upper part of remote controller.

② When in the normal mode, press the BS6 BUTTON (field set), and the FIELD SET MODE is entered.

③ Select the desired MODE No. with the BS2 BUTTON (temperature setting ▲) and the BS3 BUTTON (temperature setting ▼).

④ During group control, when setting by each indoor unit (mode No. 20, 22 and 23 have been selected), push the BS8 BUTTON (unit no.) and select the INDOOR UNIT NO. to be set. (This operation is unnecessary when setting by group.)

⑤ Push the BS9 BUTTON (set A) and select FIRST CODE NO.

⑥ Push the BS10 BUTTON (set B) and select SECOND CODE NO.

⑦ Push the BS7 BUTTON (set/cancel) once and the present settings are SET.

⑧ Push the BS6 BUTTON (field set) to return to the NORMAL MODE.
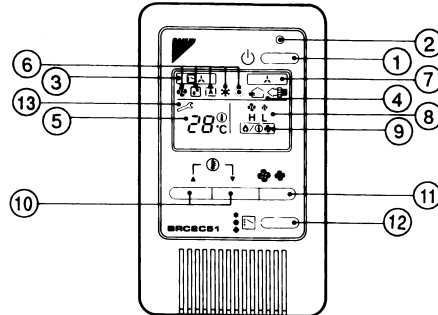
(Example) If during group setting and the time to clean air filter is set to FILTER CONTAMINATION - HEAVY, SET MODE NO. to "10," FIRST CODE NO. to "0," and SECOND CODE NO. to "02."

| Mode No. Note) 1	FIRST CODE No.	Description of Setting		SECOND CODE No. Note) 2		
				01	02	03
10(20) Note) 6	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Long Life Filter	Light	Approx. 2,500 Hrs.	Heavy	Approx. 1,250 Hrs.	—
			Standard Filter		Approx. 200 Hrs.		Approx 100 Hrs.	
	3	Spacing Time of Display Time to Clean Air Filter Count (Setting for when the filter sign is not to be displayed)		Display	Do Not Display	—
12(22)	1	ON/OFF Input from Outside. (Setting for when forced ON/OFF is to be operated from outside.)		Forced OFF	ON/OFF Operation	
	2	Thermostat Differential Changeover (Setting for when using the remote sensor) FXYC, FXYF, FXYK or FXYH only		1°C	0.5°C	—
13(23)	0	High Air Outlet Velocity (Setting for when installed in a high ceiling) FXYF only		2.7 m or less	More than 2.7 m; 3.0 m or less	More than 3.0 m; 3.5 m or less
	1	Selection of Air Flow Direction (Setting for when a blocking pad kit has been installed) FXYF only		4-way flow	3-way flow	2-way flow
15(25)	1	Humidifying with thermostat OFF		Not equipped	Equipped	
	3	Drain pump operation with humidifying		Not equipped	Equipped	

NOTE) 1. Setting is carried out in the group mode, however, if the mode number inside the parentheses is selected, indoor units can also be set individually.
2. The SECOND CODE number. is set to "01" when shipped from the factory.
3. Do not make any settings not given in the table on the left.
4. Not displayed if the indoor unit is not equipped with that function.
5. When returning to the normal mode, "88" may be displayed in the LCD in order for the remote controller to initialize itself.
6. This mode is used to set the time until the display time to clean air filter lights up when using central remote controller.

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REMOTE CONTROLLER: NAME AND FUNCTION OF EACH SWITCH AND DISPLAY			DISPLAY " 人 " (UNDER CENTRALIZED CONTROL)
①	**ON/OFF BUTTON**	⑦	When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification)
	Press the button and the system will start. Press the button again and the system will stop.	⑧	**DISPLAY " ❖ ❖ " (FAN SPEED).**
②	**OPERATION LAMP (RED)**		The display shows the fan speed: "HIGH" or "LOW".
	The lamp lights up during operation. Blinks in case of stop due to malfunction.	⑨	**DISPLAY " ◐/①❖ " (DEFROST/ HOT START)**
③	**DISPLAY " 🄱 人 " (CHANGEOVER UNDER CONTROL)**		Indicates that defrost or hot start (during which the fan is stopped till the temperature of air supply rises enough at the start of a heating run) is progress.
	It is impossible to changeover heat/cool with the remote controller when it shows this display. (As for details, see " SETTING OF MASTER REMOTE CONTROLLER" in the operation manual attached to the indoor unit.)	⑩	**TEMPERATURE SETTING BUTTON**
④	**DISPLAY "◌◌ OPTION " (VENTILATION)**		Use this button for SETTING TEMPERATURE of the thermostat. ▲ ; Each press raises the set temperature by 1°C. ▼ ; Each press lowers the set temperature by 1°C. The variable temperature range is 16°C to 32°C.
	This display shows that the total heat exchanger (HRV) are in operation.	⑪	**FAN SPEED CONTROL BUTTON**
⑤	**DISPLAY "28 ℃ "(SET TEMPERATURE)**		Press this button to select the fan speed, HIGH or LOW, of your choice.
	This display shows the set temperature. Only given during a cooling or heating operation.	⑫	**OPERATION MODE SELECTOR BUTTON**
⑥	**DISPLAY "❖ " " ● " " Ⓐ " " ❄ " " ☀ " (OPERATION MODE)**		Press this button to select OPERATION MODE.
	This display shows current OPERATION MODE. " ☀ " is not available with outdoor units specially designed for cooling only. " Ⓐ " is reserved only for outdoor units capable of heat recovery.	⑬	**DISPLAY " ⚒ " (MALFUNCTION)**
			Indicates malfunction and blinks if the unit stops operating due to malfunction. (As for details, see "TROUBLE SHOOTING" in the operation manual attached to the indoor unit.)
		For the sake of explanation, all indications are shown in the figure above contrary to actual running situations.	

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