**REMOTE CONTROLLER: NAME AND FUNCTION OF EACH SWITCH AND DISPLAY**

| 1 | ON/OFF BUTTON | Press the button and the system will start. Press the button again and the system will stop. |
| 2 | OPERATION LAMP (RED) | The lamp lights up during operation. Blinks in case of stop due to malfunction. |
| 3 | DISPLAY “ CHANGEOVER UNDER CONTROL” | It is impossible to changeover heating/cooling with the remote controller when it shows this display. (As for details, see “SETTING OF MASTER REMOTE CONTROLLER” in the installation manual attached to the indoor unit.) |
| 4 | DISPLAY “ VENTILATION/AIR CLEANING” | This display shows that the total heat exchanger and the air cleaning unit are in operation. (These are optional accessories). |
| 5 | DISPLAY “ SET TEMPERATURE” | This display shows the set temperature. Only given during a cooling or heating operation. |
| 6 | DISPLAY “ ” (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. |
| 7 | DISPLAY “ UNDER CENTRALIZED CONTROL” | When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification) |
| 8 | DISPLAY “ FAN SPEED” | This display shows the fan speed: HIGH or LOW. |
| 9 | DISPLAY “ DEFROST / HOT START” | 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 operation) is in progress. |
| 10 | TEMPERATURE SETTING BUTTON | Use this button for SETTING TEMPERATURE of the thermostat. 
- ; Each press raises the set temperature by 1°F. 
- ; Each press lowers the set temperature by 1°F. 
The variable temperature range is between 60°F and 90°F. |
| 11 | FAN SPEED CONTROL BUTTON | Press this button to select the fan speed, HIGH or LOW, of your choice. |
| 12 | OPERATION MODE SELECTOR BUTTON | Press this button to select OPERATION MODE. |
| 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 outdoor unit.) |

For the sake of explanation, all indications are shown in the figure above contrary to actual running situations.
REMOTE CONTROLLER MOUNTING INSTRUCTIONS

1. Remove the upper part of remote controller.
   Insert a minus screwdriver into the slot between the upper and the lower part of remote controller.
   
   **NOTE**
   1. Do not directly touch the PC board with your hand.

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.)
   
   **NOTES**
   1. The electric parts box and wiring for connection are not included.
   2. When wiring, run the wiring away the power supply wiring in order to avoid receiving electric noise (external noise).
   3. When wiring, refer to the wiring diagram of indoor unit (attached to indoor unit) as well.

   **WIRING SPECIFICATION**
<table>
<thead>
<tr>
<th>Wiring type</th>
<th>Sheathed wire (2 wire)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>AWG18 or AWG16</td>
</tr>
</tbody>
</table>

3. Fasten the remote controller.
   Attach the lower part of remote controller to the electric parts box (part to be procured in the field).
   
   **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 electric parts box to be procured in the field, use optional accessories KJB111A.

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."
   
   **NOTES**
   • 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. Do not directly touch the PC board with your hand.
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 and the FIELD SET MODE is entered.
3. Select the desired MODE No. with the BS2 BUTTON and the BS3 BUTTON.
4. During group control, when setting by each indoor unit (MODE No. 20, 22 and 23 have been selected), push the BS8 BUTTON and select the INDOOR UNIT No. to be set. (This operation is unnecessary when setting by group.)
5. Push the BS9 BUTTON and select FIRST CODE No.
6. Push the BS10 BUTTON and select SECOND CODE No.
7. Push the BS7 BUTTON once and the present settings are SET.
8. Push the BS6 BUTTON 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”.

<table>
<thead>
<tr>
<th>MODE No. Note 1</th>
<th>FIRST CODE No.</th>
<th>Description of Setting</th>
<th>SECOND CODE No. Note 2</th>
</tr>
</thead>
</table>
| 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 | 01 Light Approx. 2,500 Hrs.
02 Light Approx. 200 Hrs.
03 Heavy Approx. 1,250 Hrs.
 |
| | 3 | Spacing Time of Display Time to Clean Air Filter Count
Setting for when the filter sign is not to be displayed | Display
 |
| 12(22) | 1 | ON/OFF input from Outside.
Setting for when forced ON/OFF is to be operated from outside. | Forced OFF
 |
| | 2 | Thermostat Differential Changeover
Setting for when using the remote sensor
FXCQ, FXFQ, FXKQ or FXHQ only | 1.8°F
 |
| 13(23) | 1 | Selection of Air Flow Direction
Setting for when a blocking pad kit has been installed
FXFQ only | 4-way flow
 |
| | 15(25) | Humidifying with thermostat OFF | Not equipped
 |
| | 3 | Drain pump operation with humidifying | Not equipped
 |

NOTE)
1. Setting is carried out in the group mode, however, if the MODE No. inside the parentheses is selected, indoor units can also be set individually.
2. The SECOND CODE No. 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, “     ” 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 the central remote controller.