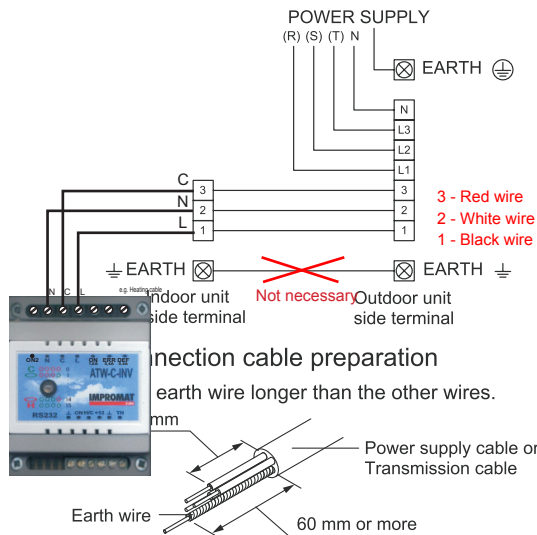


## 6.4. Wiring method

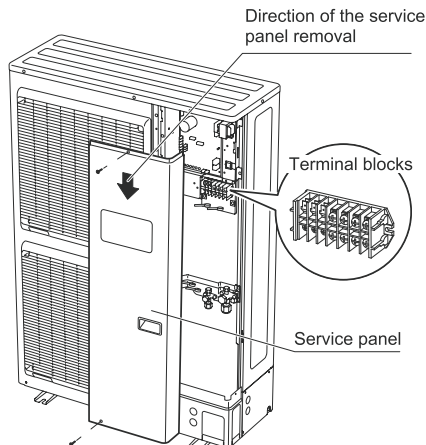
### 6.4.1. Connection diagrams



### 6.4.3. Wiring procedure

- (1) Remove the service panel cover, insulation sheet and connect the wires to the terminal in accordance with the terminal nameplate. (Fig. A, Fig. B)

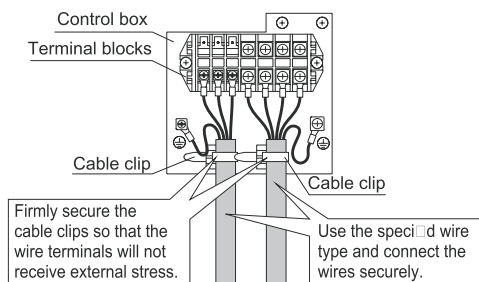
Fig. A



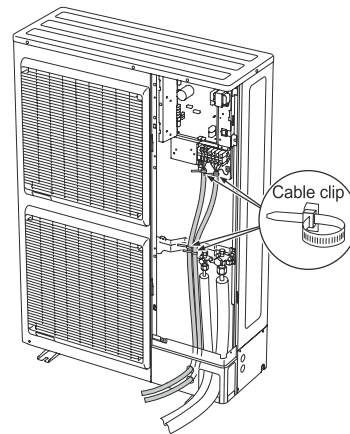
- (2) After connecting the wires, use cable clips to secure the wires. (Fig. B)

- Connect the wires without applying excessive tension.

Fig. B



- (3) Secure the cables using the cable clips under the terminal blocks, and then secure the cables using the cable clips attached to the base of the valves.



- (4) Be sure to install the insulation sheet after the wiring is complete.

## 7. PIPE INSTALLATION-2

### ⚠ WARNING

- Install the insulated pipes so that they do not touch the compressor.

### 7.1. Installing insulation

- Use an insulation on the refrigerant pipes to prevent condensation and dripping. (Fig. A)
- Determine the thickness of the insulation material by referring to Table A.

Table A. Selection of insulation

(for using an insulation material with equal heat transmission rate or below 0.040 W/(m·K))

|               | Relative humidity<br>[mm (in.)] | Insulation material    |                |                |                |
|---------------|---------------------------------|------------------------|----------------|----------------|----------------|
|               |                                 | Minimum thickness [mm] |                |                |                |
|               |                                 | 70%<br>or more         | 75%<br>or more | 80%<br>or more | 85%<br>or more |
| Pipe diameter | 6.35 (1/4)                      | 8                      | 10             | 13             | 17             |
|               | 9.52 (3/8)                      | 9                      | 11             | 14             | 18             |
|               | 12.70 (1/2)                     | 10                     | 12             | 15             | 19             |
|               | 15.88 (5/8)                     | 10                     | 12             | 16             | 20             |
|               | 19.05 (3/4)                     | 10                     | 13             | 16             | 21             |

- If the ambient temperature and relative humidity exceed 32 °C, increase the level of heat insulation for the refrigerant pipes.