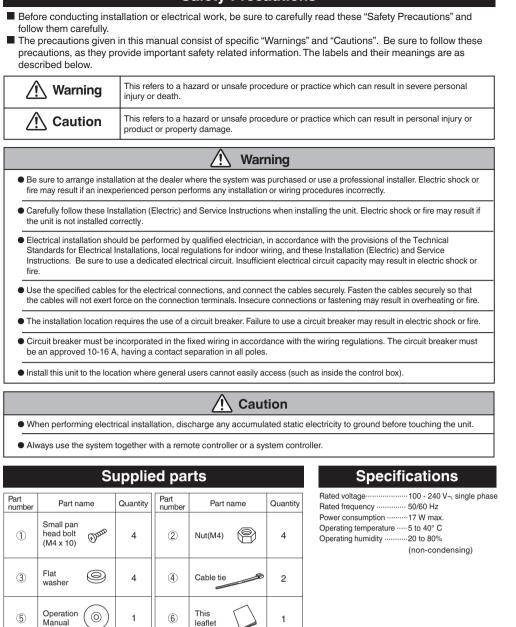
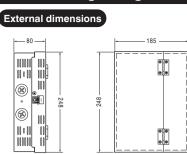
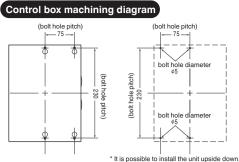
Panasonic Installation (Electric) and Service Instructions (CZ-CWEBC2)



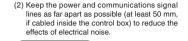


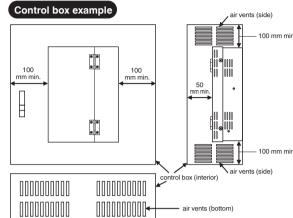
Cautions regarding the design of the control box

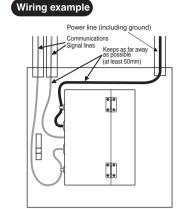




Take the following into consideration when designing the control box: (1) To ensure sufficient airflow for cooling, provide air vents (holes, slots, etc.) on the upper, lower, left and right sides of the box, as shown in the figure below. (Be sure not to clog the ventilation hole when setting.)Ensure that the temperature inside the control box does not exceed 40°C.



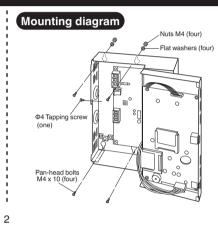




2 Mounting

Caution

- Mount the unit far away from potential noise sources
 Do not mount the unit where it could get wet, or in
- areas of high humidity.
 Do not mount the unit where it could be subject to excessive vibration or shocks.
- excessive vibration or shocks.Mount the unit inside a control box.
- (1) Remove the tapping screw at the side of the LAN connector and open the lid.
- (2) Mount the controller unit to the control box using the four supplied bolts, washers, and nuts.
- (3) Replace the lid, and secure it with the tapping screw



3 Wiring

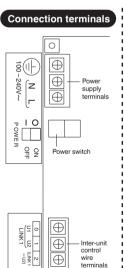
Ferrite core

(___)

 \bigcirc

Always shut off the power supply (breaker) before installing or uninstalling.

8



(1) Power supply connection

Cable tie (for fixing

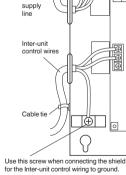
1

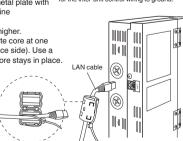
a ferrite core)

- Connect the power supply to the commercial power mains (100 to 240 V AC), using a dedicated circuit. Connect the power supply lines to the L and N power supply terminals (the power supply
 - neutral to the N terminal). Connect an earth ground line to the power
- supply terminal.
- Firmly secure the power lines using the supplied cable tie.

(2) Signal connection

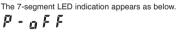
- Do not run signal lines through the same conduit as power supply lines, use the same cable as the power supply, or run close to the power supply lines (maintain at least 30 cm
- separation, if cabled outside the control box).
 Do not run the LINK1 and LAN signal lines through the same conduit, or run the signal lines close together.
- Connect indoor and outdoor signals using 0.5 -2.0 mm² two-conductor cable.
 Overall length of each signal line should be 1
- km or less. Secure the shielded cable to the metal plate with a screw, as illustrated (apply one-line grounding).
- Use LAN cables of Category 5 or higher.





4 System power off procedure

- (1) Press and hold on swich for more than 4 seconds The 7-segment LED indication appears as below.
 - **d 5 A U E** Wait several minutes. The 7-segment LED indication appears as below.



8.8.8.8.8.8.

7-segment LED



5 Verify the system configuration, make necessary settings

(1) Turn on power to all air conditioner units.

(2) Turn on power to the unit.

(2) Turn the power switch off

(3) Set the date and time on the unit and verify the system configuration.

(4) Verify the number of units connected.

(5) Perform the necessary settings. <u>Be sure to set the central control address.</u>
 * See the Operation Manual for details.

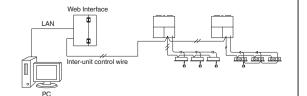
6 Educating the customer

- Give the Operation Manual to the customer
- Explain the operation to the customer, following the explanations given in the Operation Manual

 Be sure to attach the supplied ferrite core at one end of the LAN cable (Web Interface side). Use a cable tie to make sure the ferrite core stays in place.

Basic wiring diagram

Wire up the Inter-unit control wire as shown in the figure below.



Wiring procedure

Inter-unit control wire (no polarity)
 Use the shielded wire for inter-unit control wiring.
 Connect signal terminals 0 and 1 (LINK1) to the inter-unit control wire terminals of an indoor or outdoor unit.
 Make sure that power lines are not connected to the

Make sure that power lines are not connected to the inter-unit control wire terminals.

If the power voltage is accidentally applied to the inter-unit control wire terminals, the fuse will go out to protect the board, but not in some cases. If this happens, disconnect the power line, and connect the inter-unit control wire to the spare U2 terminal. (The other signal line can stay connected to the U1 terminal.) The spare U2 terminals are right next to the main U2 terminals.

Use terminal 2 (LINK1-U2) instead of terminal 1

LAN cable

Connect the LAN cable directly to the PC or to the network hub. 85464369358011-1 Printed in Japan