

Save These Instructions!
Conserver ce mode d'emploi
Bewahren Sie bitte diese
Bedienungsanleitung auf.
Conservate queste istruzioni
Guarde estas instruções
Φυλάξτε τις οδηγίες αυτές
Guarde estas instrucciones

Panasonic[®]

This air conditioner uses the new refrigerant R410A.

Model No.

| | | |
|--------------|-------------------------------------|------------------------|
| Indoor Unit | Concealed-Duct High-Static Pressure | S-200PE1E8, S-250PE1E8 |
| Outdoor Unit | Heat Pump Unit (3-phase) | U-200PE1E8, U-250PE1E8 |

Split System Air Conditioner

• **INSTRUCTION MANUAL**

EN

Climatiseur Split System

• **MODE D'EMPLOI**

FR

Split-System-Klimagerät

• **BEDIENUNGSANLEITUNG**

DE

Condizionatore d'Aria Split

• **ISTRUZIONI PER L'USO**

IT

Aparelho de Ar Condicionado Sistema Split

• **MANUAL DE INSTRUÇÕES**

PT

Κλιματιστικό Δύο Μονάδων

• **ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ**

GR

Acondicionador de Aire de tipo Sistema Partido

• **MANUAL DE INSTRUCCIONES**

ES

Contents

| | Page |
|--|------|
| Product Information..... | 2 |
| Alert Symbols..... | 2 |
| Installation Location..... | 3 |
| Electrical Requirements..... | 3 |
| Safety Instructions..... | 3 |
| Names of Parts..... | 4 |
| Wireless Remote Control Unit (Optional parts)..... | 5 |
| NOTE Refer to the Instruction Manual attached to the optional Wireless Remote Control Unit..... | 5 |
| Timer Remote Control Unit (Optional parts)..... | 5 |
| NOTE Refer to the Instruction Manual attached to the optional Timer Remote Control Unit..... | 5 |
| Operation Condition..... | 5 |
| Special Remarks..... | 6 |
| Care and Cleaning..... | 7 |
| Troubleshooting..... | 8 |
| Tips for Energy Saving..... | 8 |
| Specification..... | 10 |

Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet.

Model No. _____ Serial No. _____

Date of purchase _____

Dealer's address _____

Phone number _____

Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

Installation Location

- We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit.
- Before installation, check that the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate.



WARNING

- Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.
- Do not install the air conditioner where excessively high heat-generating objects are placed.

Avoid: To protect the air conditioner from heavy corrosion, avoid installing the outdoor unit where salty sea water can splash directly onto it or in sulphurous air near a spa.

Electrical Requirements

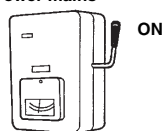
1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring.
3. Wiring must be done by a qualified electrician.



CAUTION

To warm up the system, the power mains must be turned on at least five (5) hours before operation. Leave the power mains ON unless you will not be using this appliance for an extended period.

Power mains



Safety Instructions

- Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.
- This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual.



WARNING






- Never touch the unit with wet hands.
- Never use or store gasoline or other flammable vapor or liquid near the air conditioner — it is very dangerous.
- This air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.
- Provide a power outlet to be used exclusively for each unit, and a power supply disconnect, circuit breaker and earth leakage breaker for overcurrent protection should be provided in the exclusive line.
- Provide a power outlet exclusively for each unit, and full disconnection means having a contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rules.
- To prevent possible hazards from insulation failure, the unit must be grounded.
- Do not clean inside the indoor and outdoor units by users. Engage authorized dealer or specialist for cleaning.
- In case of malfunction of this appliance, do not repair by yourself. Contact to the sales dealer or service dealer for a repair.
- Refrigerant gas leakage may cause fire.
- For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning or servicing.
- Stop using the product when any abnormality/failure occurs and disconnect the power plug or turn off the power switch and breaker. (Risk of smoke/fire/electric shock)



EN



CAUTION

- Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.
- Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed. 
- Do not touch the air inlet or the sharp aluminum fins of the outdoor unit. You may get hurt. 
- Keep the fire alarm and the air outlet at least 1.5m away from the unit.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that do not play with the appliance.
- Do not cool or heat the room too much if babies or invalids are present.
- Do not sit or step on the unit. You may fall down accidentally. 
- Do not stick any object into the FAN CASE. You may be injured and the unit may be damaged. 


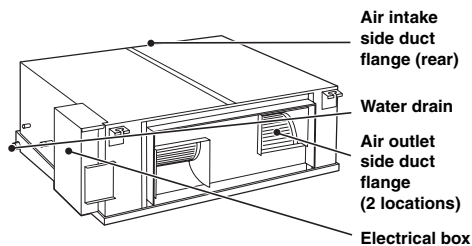
NOTICE

- The compressor may occasionally stop during thunderstorms. This is not a mechanical failure. The unit automatically recovers after a few minutes.
- The English text is the original instructions. Other languages are translation of the original instructions.

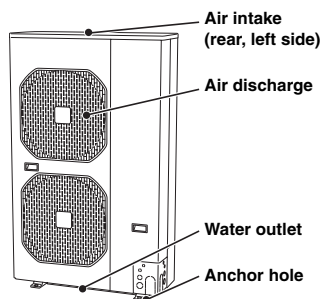
Names of Parts

INDOOR UNIT

High static pressure ducted



OUTDOOR UNIT



Wireless Remote Control Unit (Optional parts)

NOTE

Refer to the Instruction Manual attached to the optional Wireless Remote Control Unit.

**(Wireless type: available
for all indoor units)**



Timer Remote Control Unit (Optional parts)

NOTE

Refer to the Instruction Manual attached to the optional Timer Remote Control Unit.

**(Wired type: available
for all indoor units)**



Operation Condition

Use this air conditioner under the following temperature range.

Indoor temperature range:

Cooling mode 14°C-23°C (*WBT)

Heating mode - to 30°C (*DBT)

Outdoor temperature range:

Cooling mode -15°C-43°C (*DBT)

Heating mode -20°C-15°C (*WBT)

*DBT: Dry bulb temperature

*WBT: Wet bulb temperature

EN

Special Remarks





"DRY" Operation

- How it works**
- Once the room temperature reaches the level that was set, the unit repeats the cycle of turning on and off automatically.
 - In order to prevent the humidity in the room from rising again, the indoor fan also turns off when the unit stops operating.
 - The fan speed is set to "LO." automatically, and cannot be adjusted.
 - "DRY" operation is not possible if the outdoor temperature is 15°C or less.

Heating Operation

- Heating performance**
- Because this appliance heats a room by utilizing the heat of the outside air (heat pump system), the heating efficiency will fall off when the outdoor temperature is very low. If sufficient heat cannot be obtained with this heat pump, use another heating appliance in conjunction with this unit.

- Defrosting**
- When the outdoor temperature is low, frost or ice may form on the outdoor heat exchanger coil, reducing the heating performance. When this happens, a microcomputer-controlled defrosting system operates. At the same time, the fan on the indoor unit stops (or runs at very low speed in some cases) and the "STANDBY" indicator appears on the display until defrosting is completed. Heating operation then restarts after several minutes. (This interval will vary slightly depending upon the outdoor temperature and the way in which frost forms.)

-  (standby) on the display
- For several minutes after the start of heating operation, the indoor fan will not start running (or it will run at very low speed in some cases) until the indoor heat exchanger coil has warmed up sufficiently. This is because a cold draft prevention system is operating. During this period, the "" (standby) indicator remains displayed.
 - " (standby) remains displayed during defrosting or when the compressor has been turned off (or when the unit is running at very low speed) by the thermostat when the system is in the heating mode.
 - Upon completion of defrosting and when the compressor is turned on again, " (standby) will turn off automatically as heating operation resumes.

NOTE

Should the power fail while the unit is running

If the power supply for this unit is temporarily cut off, the unit will automatically resume operation (once the power is restored) using the same settings before the power was cut off.

Care and Cleaning



WARNING

1. For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning.
2. Do not pour water on the indoor unit to clean it. This will damage the internal components and cause an electric shock hazard.

Air intake and outlet side (Indoor unit)

Clean the air intake and outlet side of the indoor unit with a vacuum cleaner brush, or wipe them with a clean, soft cloth.

If these parts are stained, use a clean cloth moistened with water. When cleaning the air outlet side, be careful not to force the vanes out of place.




CAUTION

1. Never use solvents or harsh chemicals when cleaning the indoor unit. Do not wipe plastic parts using very hot water.
2. Some metal edges and the fins are sharp and may cause injury if handled improperly; be especially careful when you clean these parts.
3. The internal coil and other components must be cleaned regularly. Consult your dealer or service center.

Troubleshooting

If your air conditioner does not work properly, first check the following points before requesting service. If it still does not work properly, contact your dealer or a service center.

| Trouble | Possible Cause | Remedy |
|--|---|---|
| Air conditioner does not run at all. | <ol style="list-style-type: none">1. Power failure.2. Leakage circuit breaker has tripped.3. Line voltage is too low.4. Operation button is turned off.5. The wired remote control unit or heat pump is malfunctioning. (The inspection mark  and the letters E, F, H, L, P in combination with numbers appear on the LCD of the wired remote control unit.) | <ol style="list-style-type: none">1. After a power outage, press ON/OFF operation button on the wired remote control unit.2. Contact service center.3. Consult your electrician or dealer.4. Press the button again.5. Consult your dealer. |
| Compressor runs but soon stops. | <ol style="list-style-type: none">1. Obstruction in front of condenser coil. | <ol style="list-style-type: none">1. Remove obstruction. |
| Poor cooling (or heating) performance. | <ol style="list-style-type: none">1. Dirty or clogged air filter.2. Heat source or many people in room.3. Doors and/or windows are open.4. Obstacle near air intake or air discharge port.5. Thermostat is set too high for cooling (or too low for heating).6. (Defrosting system does not work.) | <ol style="list-style-type: none">1. Clean air filter to improve the airflow.2. Eliminate heat source if possible.3. Shut them to keep the heat (or cold) out.4. Remove it to ensure good airflow.5. Set the temperature lower (or higher).6. (Consult your dealer.) |

Tips for Energy Saving

- Avoid**
- **Do not block the air intake and outlet of the unit. If either is obstructed, the unit will not work well, and may be damaged.**
 - Do not let direct sunlight into the room. Use sunshades, blinds or curtains. If the walls and ceiling of the room are warmed by the sun, it will take longer to cool the room.
- Do**
- Always try to keep the air filter clean. (Refer to “Care and Cleaning”.) A clogged filter will impair the performance of the unit.
 - To prevent conditioned air from escaping, keep windows, doors and any other openings closed.

NOTE

Should the power fail while the unit is running

If the power supply for this unit is temporarily cut off, the unit will automatically resume operation once power is restored using the same settings before the power was cut off.

Information for Users on Collection and Disposal of Old Equipment and Used Batteries



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.



[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Pb

Safety Instructions

To be followed absolutely



Stop using the product when any abnormality/failure occurs and disconnect the power plug.

(Risk of smoke/fire/electric shock)

Examples of
abnormality/
failure

- The product sometimes does not start when turned on.
- The power is sometimes disconnected when the cord is moved.
- Burnt odor or abnormal noise is detected during operation.
- The body is deformed or abnormally hot.

Contact immediately your local dealer for maintenance/repair.

Specification

■ DC INVERTER Air Conditioner

| Model Name | | Outdoor Unit | Indoor Unit |
|-------------------------|-------|---|--|
| | | U-200PE1E8 | S-200PE1E8 |
| Power Source | | 380 - 400 - 415 V, 3-phase, 50/60 Hz | 220 - 230 - 240 V, single-phase, 50/60 Hz |
| Cooling Capacity | kW | 20.0 [6.0 ~ 22.4] | |
| | BTU/h | 68,200 [20,500 ~ 76,400] | |
| Heating Capacity | kW | 22.4 [6.0 ~ 25.0] | |
| | BTU/h | 76,400 [20,500 ~ 85,300] | |
| Sound Pressure Level | dB(A) | 57(cooling) / 57(heating) | 48(Hi) / 47(Me) / 46(Lo) |
| Sound Power Level | dB(A) | 71 | -- |
| Unit Dimensions (H×W×D) | mm | 1526×940×340 | 467×1428×1230 |
| Net Weight | kg | 118 | 110 |

| Model Name | | Outdoor Unit | Indoor Unit |
|-------------------------|-------|---|--|
| | | U-250PE1E8 | S-250PE1E8 |
| Power Source | | 380 - 400 - 415 V, 3-phase, 50/60 Hz | 220 - 230 - 240 V, single-phase, 50/60 Hz |
| Cooling Capacity | kW | 25.0 [6.0 ~ 28.0] | |
| | BTU/h | 85,300 [20,500 ~ 95,500] | |
| Heating Capacity | kW | 28.0 [6.0 ~ 31.5] | |
| | BTU/h | 95,500 [20,500 ~ 107,500] | |
| Sound Pressure Level | dB(A) | 57(cooling) / 58(heating) | 51(Hi) / 50(Me) / 49(Lo) |
| Sound Power Level | dB(A) | 71 | -- |
| Unit Dimensions (H×W×D) | mm | 1526×940×340 | 467×1428×1230 |
| Net Weight | kg | 128 | 120 |

