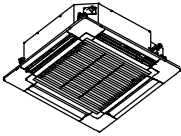
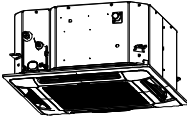
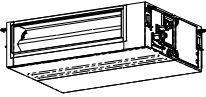
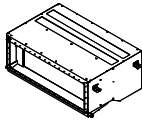
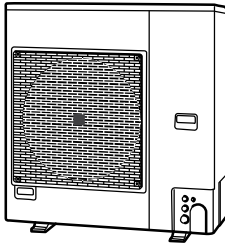
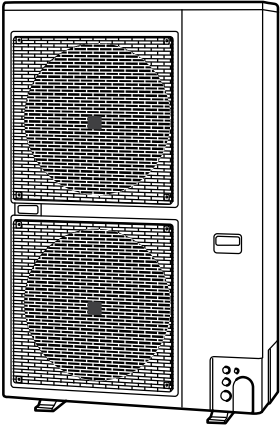
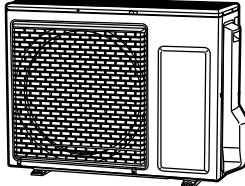


TECHNICAL DATA & SERVICE MANUAL



Indoor Unit		Outdoor Unit	
		4-Way Cassette 4-Way Cassette 60 x 60	
		Ceiling	
		Wall Mounted	
		Low Silhouette Ducted Ducted	
			
			

■ R410A Models

Model No.

Indoor Units

Type	Indoor Units Type	36	45	50	60	71	100	125	140
U2	4-Way Cassette	S-36PU2E5A	S-45PU2E5A	S-50PU2E5A	S-60PU2E5A	S-71PU2E5A	S-100PU2E5A	S-125PU2E5A	S-140PU2E5A
T2	Ceiling	S-36PT2E5A	S-45PT2E5A	S-50PT2E5A	S-60PT2E5A	S-71PT2E5A	S-100PT2E5A	S-125PT2E5A	S-140PT2E5A
K1	Wall Mounted	S-36PK1E5A	S-45PK1E5A	S-50PK1E5A	S-60PK1E5A	S-71PK1E5A	S-100PK1E5A	—	—
F1	Low Silhouette Ducted	S-36PF1E5A	S-45PF1E5A	S-50PF1E5A	S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A
N1	Ducted	S-36PN1E5A	S-45PN1E5A	S-50PN1E5A	S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A
Y2	4-Way Cassette 60 x 60	S-36PY2E5A	S-45PY2E5A	S-50PY2E5A	—	—	—	—	—

Outdoor Units

Type	Outdoor Units Type	36	50	60	71	100	125	140
PE1	Single Split (1-phase)	—	—	—	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A
	Single Split (3-phase)	—	—	—	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
PE2	Single Split (1-phase)	U-36PE2E5A	U-50PE2E5A	U-60PE2E5A	—	—	—	—
PEY1	Single Split (1-phase)	—	—	—	—	U-100PEY1E5	U-125PEY1E5	—
	Single Split (3-phase)	—	—	—	—	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
PEY2	Single Split (1-phase)	—	—	U-60PEY2E5	U-71PEY2E5	—	—	—

IMPORTANT!

Please Read Before Starting

This air conditioner must be installed by the sales dealer or installer.

This information is provided for use only by authorized persons.

For safe installation and trouble-free operation, you must:

- Carefully read this instruction booklet before beginning.
- Follow each installation or repair step exactly as shown.
- This air conditioner shall be installed in accordance with National Wiring Regulations.
- Pay close attention to all warning and caution notices given in this manual.



WARNING

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



CAUTION

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

If Necessary, Get Help

These instructions are all you need for most installation sites and maintenance conditions. If you require help for a special problem, contact our sales/service outlet or your certified dealer for additional instructions.

In Case of Improper Installation

The manufacturer shall in no way be responsible for improper installation or maintenance service, including failure to follow the instructions in this document.

SPECIAL PRECAUTIONS



WARNING When Wiring



ELECTRICAL SHOCK CAN CAUSE SEVERE PERSONAL INJURY OR DEATH. ONLY A QUALIFIED, EXPERIENCED ELECTRICIAN SHOULD ATTEMPT TO WIRE THIS SYSTEM.

- Do not supply power to the unit until all wiring and tubing are completed or reconnected and checked.
- Highly dangerous electrical voltages are used in this system. Carefully refer to the wiring diagram and these instructions when wiring. Improper connections and inadequate grounding can cause **accidental injury or death.**
- Connect all wiring tightly. Loose wiring may cause overheating at connection points and a possible fire hazard.
- Provide a power outlet to be used exclusively for each unit.
- 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. 

This equipment is strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD). Otherwise, it may cause electrical shock and fire in case of equipment breakdown or insulation breakdown.

When Transporting

- It may need two or more people to carry out the installation work.
- Be careful when picking up and moving the indoor and outdoor units. Get a partner to help, and bend your knees when lifting to reduce strain on your back. Sharp edges or thin aluminum fins on the air conditioner can cut your fingers.

When Installing...

Select an installation location which is rigid and strong enough to support or hold the unit, and select a location for easy maintenance.

...In a Room

Properly insulate any tubing run inside a room to prevent “sweating” that can cause dripping and water damage to walls and floors.



CAUTION

Keep the fire alarm and the air outlet at least 1.5 m away from the unit.

...In Moist or Uneven Locations

Use a raised concrete pad or concrete blocks to provide a solid, level foundation for the outdoor unit. This prevents water damage and abnormal vibration.

...In an Area with High Winds

Securely anchor the outdoor unit down with bolts and a metal frame. Provide a suitable air baffle.

...In a Snowy Area (for Heat Pump-type Systems)

Install the outdoor unit on a raised platform that is higher than drifting snow. Provide snow vents.

When Connecting Refrigerant Tubing

Pay particular attention to refrigerant leakages.



WARNING

- When performing piping work, do not mix air except for specified refrigerant (R410A) in refrigeration cycle. It causes capacity down, and risk of explosion and injury due to high tension inside the refrigerant cycle.
- If the refrigerant comes in contact with a flame, it produces a toxic gas.
- Do not add or replace refrigerant other than specified type. It may cause product damage, burst and injury, etc.
- Ventilate the room immediately, in the event that is refrigerant gas leaks during the installation. Be careful not to allow contact of the refrigerant gas with a flame as this will cause the generation of toxic gas.
- Keep all tubing runs as short as possible.
- Apply refrigerant lubricant to the matching surfaces of the flare and union tubes before connecting them, then tighten the nut with a torque wrench for a leak-free connection.
- Check carefully for leaks before starting the test run.
- Do not leak refrigerant while piping work for an installation or re-installation, and while repairing refrigeration parts. Handle liquid refrigerant carefully as it may cause frostbite.

When Servicing

- Turn the power OFF at the main power box (mains), wait at least 10 minutes until it is discharged, then open the unit to check or repair electrical parts and wiring. 
- Keep your fingers and clothing away from any moving parts.
- Clean up the site after you finish, remembering to check that no metal scraps or bits of wiring have been left inside the unit.

WARNING

- This product must not be modified or disassembled under any circumstances. Modified or disassembled unit may cause fire, electric shock or injury.
- 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.

CAUTION

- Ventilate any enclosed areas when installing or testing the refrigeration system. Leaked refrigerant gas, on contact with fire or heat, can produce dangerously toxic gas.
- Confirm after installation that no refrigerant gas is leaking. If the gas comes in contact with a burning stove, gas water heater, electric room heater or other heat source, it can cause the generation of toxic gas.

Others

WARNING

- Do not sit or step on the unit, you may fall down accidentally. 

CAUTION

- Do not touch the air inlet or the sharp aluminum fins of the outdoor unit. You may get injured. 
- Do not stick any object into the FAN CASE. You may be injured and the unit may be damaged.  

Check of Density Limit

Check the amount of refrigerant in the system and floor space of the room according to the legislation on refrigerant drainage. If there is no applicable legislation, follow the standards described below.

The room in which the air conditioner is to be installed requires a design that in the event of refrigerant gas leaking out, its density will not exceed a set limit.

The refrigerant (R410A), which is used in the air conditioner, is safe, without the toxicity or combustibility of ammonia, and is not restricted by laws imposed to protect the ozone layer. However, since it contains more than air, it poses the risk of suffocation if its density should rise excessively. Suffocation from leakage of refrigerant is almost non-existent. With the recent increase in the number of high density buildings, however, the installation of multi air conditioner systems is on the increase because of the need for effective use of floor space, individual control, energy conservation by curtailing heat and carrying power, etc.

Most importantly, the multi air conditioner system is able to replenish a large amount of refrigerant compared to conventional individual air conditioners. If a single unit of the multi air conditioner system is to be installed in a small room, select a suitable model and installation procedure so that if the refrigerant accidentally leaks out, its density does not reach the limit (and in the event of an emergency, measures can be made before injury can occur).

In a room where the density may exceed the limit, create an opening with adjacent rooms, or install mechanical ventilation combined with a gas leak detection device. The density is as given below.

Total amount of refrigerant (kg)

Min. volume of the indoor unit installed room (m³)

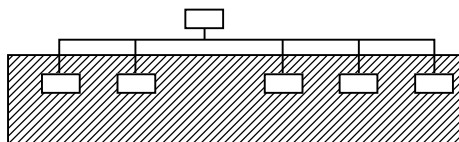
≤ Density limit (kg/m³)

The density limit of refrigerant which is used in multi air conditioners is 0.44 kg/m³ (ISO 5149).

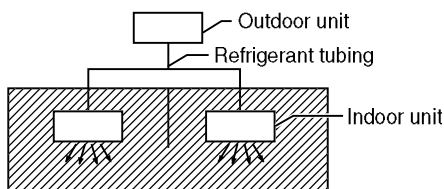
NOTE

1. The standards for minimum room volume are as follows.

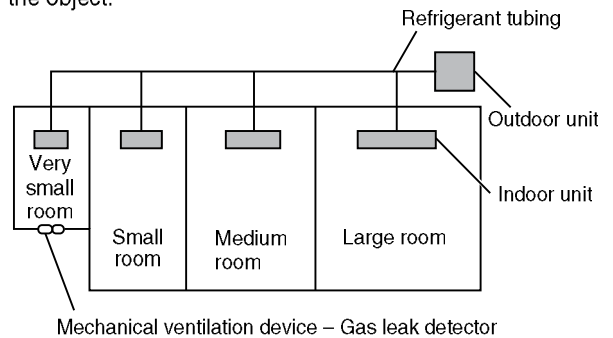
(1) No partition (shaded portion)



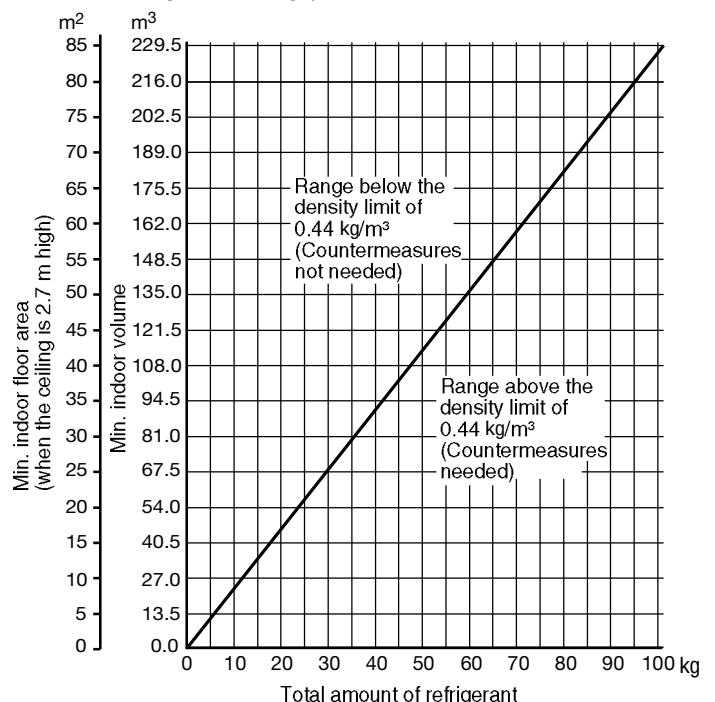
(2) When there is an effective opening with the adjacent room for ventilation of leaking refrigerant gas (opening without a door, or an opening 0.15% or larger than the respective floor spaces at the top or bottom of the door).



(3) If an indoor unit is installed in each partitioned room and the refrigerant tubing is interconnected, the smallest room of course becomes the object. But when mechanical ventilation is installed interlocked with a gas leakage detector in the smallest room where the density limit is exceeded, the volume of the next smallest room becomes the object.



2. The minimum indoor floor space compared with the amount of refrigerant is roughly as follows: (When the ceiling is 2.7 m high)



Precautions for Installation Using New Refrigerant

1. Care regarding tubing

1-1. Process tubing

- **Material:** Use seamless phosphorous deoxidized copper tube for refrigeration. Wall thickness shall comply with the applicable legislation. The minimal wall thickness must be in accordance with the table below.
- **Tubing size: Be sure to use the sizes indicated in the table below.**
For the renewal tubing size, refer to the Technical Data.
- Use a tube cutter when cutting the tubing, and be sure to remove any flash. This also applies to distribution joints (optional).
- When bending tubing, use a bending radius that is 4 times the outer diameter of the tubing or larger.



CAUTION

Use sufficient care in handling the tubing. Seal the tubing ends with caps or tape to prevent dirt, moisture, or other foreign substances from entering. These substances can result in system malfunction.

Unit: mm

Material		Temper - O (Soft copper tube)			
Copper tube	Outer diameter	6.35	9.52	12.7	15.88
	Wall thickness	0.8	0.8	0.8	1.0

1-2. Prevent impurities including water, dust and oxide from entering the tubing. Impurities can cause R410A refrigerant deterioration and compressor defects. Due to the features of the refrigerant and refrigerating machine oil, the prevention of water and other impurities becomes more important than ever.

2. Be sure to recharge the refrigerant only in liquid form.

- 2-1. Since R410A is a non-azeotrope, recharging the refrigerant in gas form can lower performance and cause defects in the unit.
- 2-2. Since refrigerant composition changes and performance decreases when gas leaks, collect the remaining refrigerant and recharge the required total amount of new refrigerant after fixing the leak.

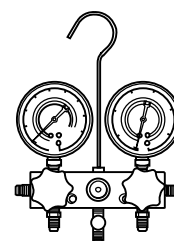
3. Different tools required

3-1. Tool specifications have been changed due to the characteristics of R410A.

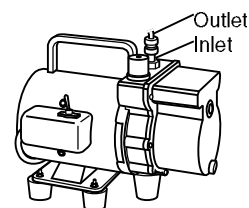
Some tools for R22- and R407C-type refrigerant systems cannot be used.

Item	New tool?	R407C tools compatible with R410A?	Remarks
Manifold gauge	Yes	No	Types of refrigerant, refrigerating machine oil, and pressure gauge are different.
Charge hose	Yes	No	To resist higher pressure, material must be changed.
Vacuum pump	Yes	Yes	Use a conventional vacuum pump if it is equipped with a check valve. If it has no check valve, purchase and attach a vacuum pump adapter.
Leak detector	Yes	No	Leak detectors for CFC and HCFC that react to chlorine do not function because R410A contains no chlorine. Leak detectors for HFC134a can be used for R410A.
Flaring oil	Yes	No	For systems that use R22, apply mineral oil (Suniso oil) to the flare nuts on the tubing to prevent refrigerant leakage. For machines that use R407C or R410A, apply synthetic oil (ether oil) to the flare nuts.

Manifold gauge



Vacuum pump



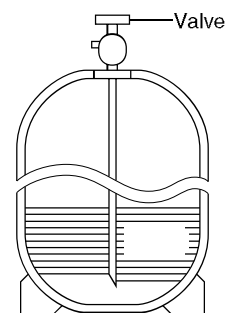
* Using tools for R22 and R407C and new tools for R410A together can cause defects.

3-2. Use R410A exclusive cylinder only.

Single-outlet valve

(with siphon tube)

Liquid refrigerant should be recharged with the cylinder standing on end as shown.



Important Information Regarding The Refrigerant Used

This product contains fluorinated greenhouse gases. Do not vent gases into the atmosphere.

Refrigerant type: R410A

GWP⁽¹⁾ value: 2088

⁽¹⁾GWP = global warming potential

Periodical inspections for refrigerant leaks may be required depending on European or local legislation.
Please contact your local dealer for more information.

Please fill in with indelible ink,

- 1 : the factory refrigerant charge of the product
- 2 : the additional refrigerant amount charged in the field
- 1 + 2 : the total refrigerant charge
- (1 + 2) x 3/1000: CO₂ equivalent in tons; multiply the total refrigerant charge by GWP value, then divided by 1000.
on the refrigerant charge label supplied with the product.

The filled out label must be adhered in the proximity of the product charging port (e.g. onto the inside of the service cover).

This product contains fluorinated greenhouse gases.
CO₂ equivalent amount is shown in "CO₂ eq."

R410A

GWP : 2088

① = kg

② = kg

① + ② = kg

"CO₂ eq."
(① + ②) x ③
1 000 = ton

① ②

③

④

⑤ ⑥ ⑦ ⑧

* English text printed on this label is original. Each language label will be sealed on this original text.

1. Factory refrigerant charge of the product: see unit name plate
2. Additional refrigerant amount charged in the field*
3. Total refrigerant charge
4. Contains fluorinated greenhouse gases
5. Outdoor unit
6. Refrigerant cylinder and manifold for charging
7. GWP(global warming potential) of the refrigerant used in this product
8. CO₂ equivalent of fluorinated greenhouse gases contained in this product

* See the section "1-5. Tubing Size"

Combination of Indoor and Outdoor Units

PE1 **PE2**

Single-phase

	36	45	50	60	71	100	125	140
U2	S-36PU2E5A U-36PE2E5A		S-50PU2E5A U-50PE2E5A	S-60PU2E5A U-60PE2E5A	S-71PU2E5A U-71PE1E5A	S-100PU2E5A U-100PE1E5A	S-125PU2E5A U-125PE1E5A	S-140PU2E5A U-140PE1E5A
	S-36PU2E5A x2 U-71PE1E5A		S-50PU2E5A x2 U-100PE1E5A	S-60PU2E5A x2 U-125PE1E5A	S-71PU2E5A x2 U-140PE1E5A			
	S-36PU2E5A x3 U-100PE1E5A	S-45PU2E5A x3 U-125PE1E5A	S-50PU2E5A x3 U-140PE1E5A					
	S-36PU2E5A x4 U-125PE1E5A							
T2	S-36PT2E5A U-36PE2E5A		S-50PT2E5A U-50PE2E5A	S-60PT2E5A U-60PE2E5A	S-71PT2E5A U-71PE1E5A	S-100PT2E5A U-100PE1E5A	S-125PT2E5A U-125PE1E5A	S-140PT2E5A U-140PE1E5A
	S-36PT2E5A x2 U-71PE1E5A		S-50PT2E5A x2 U-100PE1E5A	S-60PT2E5A x2 U-125PE1E5A	S-71PT2E5A x2 U-140PE1E5A			
	S-36PT2E5A x3 U-100PE1E5A	S-45PT2E5A x3 U-125PE1E5A	S-50PT2E5A x3 U-140PE1E5A					
	S-36PT2E5A x4 U-125PE1E5A							
K1	S-36PK1E5A U-36PE2E5A		S-50PK1E5A U-50PE2E5A	S-60PK1E5A U-60PE2E5A	S-71PK1E5A U-71PE1E5A	S-100PK1E5A U-100PE1E5A		
	S-36PK1E5A x2 U-71PE1E5A		S-50PK1E5A x2 U-100PE1E5A	S-60PK1E5A x2 U-125PE1E5A	S-71PK1E5A x2 U-140PE1E5A			
	S-36PK1E5A x3 U-100PE1E5A	S-45PK1E5A x3 U-125PE1E5A	S-50PK1E5A x3 U-140PE1E5A					
	S-36PK1E5A x4 U-125PE1E5A							
F1	S-36PF1E5A U-36PE2E5A		S-50PF1E5A U-50PE2E5A	S-60PF1E5A U-60PE2E5A	S-71PF1E5A U-71PE1E5A	S-100PF1E5A U-100PE1E5A	S-125PF1E5A U-125PE1E5A	S-140PF1E5A U-140PE1E5A
	S-36PF1E5A x2 U-71PE1E5A		S-50PF1E5A x2 U-100PE1E5A	S-60PF1E5A x2 U-125PE1E5A	S-71PF1E5A x2 U-140PE1E5A			
	S-36PF1E5A x3 U-100PE1E5A	S-45PF1E5A x3 U-125PE1E5A	S-50PF1E5A x3 U-140PE1E5A					
	S-36PF1E5A x4 U-125PE1E5A							
N1	S-36PN1E5A U-36PE2E5A		S-50PN1E5A U-50PE2E5A	S-60PN1E5A U-60PE2E5A	S-71PN1E5A U-71PE1E5A	S-100PN1E5A U-100PE1E5A	S-125PN1E5A U-125PE1E5A	S-140PN1E5A U-140PE1E5A
	S-36PN1E5A x2 U-71PE1E5A		S-50PN1E5A x2 U-100PE1E5A	S-60PN1E5A x2 U-125PE1E5A	S-71PN1E5A x2 U-140PE1E5A			
	S-36PN1E5A x3 U-100PE1E5A	S-45PN1E5A x3 U-125PE1E5A	S-50PN1E5A x3 U-140PE1E5A					
	S-36PN1E5A x4 U-125PE1E5A							
Y2	S-36PY2E5A U-36PE2E5A		S-50PY2E5A U-50PE2E5A					
	S-36PY2E5A x2 U-71PE1E5A		S-50PY2E5A x2 U-100PE1E5A					
	S-36PY2E5A x3 U-100PE1E5A	S-45PY2E5A x3 U-125PE1E5A	S-50PY2E5A x3 U-140PE1E5A					
	S-36PY2E5A x4 U-125PE1E5A							

Combination of Indoor and Outdoor Units

PE1

3-phase

	36	45	50	60	71	100	125	140
U2					S-71PU2E5A U-71PE1E8A	S-100PU2E5A U-100PE1E8A	S-125PU2E5A U-125PE1E8A	S-140PU2E5A U-140PE1E8A
	S-36PU2E5A x2 U-71PE1E8A		S-50PU2E5A x2 U-100PE1E8A	S-60PU2E5A x2 U-125PE1E8A	S-71PU2E5A x2 U-140PE1E8A			
	S-36PU2E5A x3 U-100PE1E8A	S-45PU2E5A x3 U-125PE1E8A	S-50PU2E5A x3 U-140PE1E8A					
	S-36PU2E5A x4 U-125PE1E8A							
T2					S-71PT2E5A U-71PE1E8A	S-100PT2E5A U-100PE1E8A	S-125PT2E5A U-125PE1E8A	S-140PT2E5A U-140PE1E8A
	S-36PT2E5A x2 U-71PE1E8A		S-50PT2E5A x2 U-100PE1E8A	S-60PT2E5A x2 U-125PE1E8A	S-71PT2E5A x2 U-140PE1E8A			
	S-36PT2E5A x3 U-100PE1E8A	S-45PT2E5A x3 U-125PE1E8A	S-50PT2E5A x3 U-140PE1E8A					
	S-36PT2E5A x4 U-125PE1E8A							
K1					S-71PK1E5A U-71PE1E8A	S-100PK1E5A U-100PE1E8A		
	S-36PK1E5A x2 U-71PE1E8A		S-50PK1E5A x2 U-100PE1E8A	S-60PK1E5A x2 U-125PE1E8A	S-71PK1E5A x2 U-140PE1E8A			
	S-36PK1E5A x3 U-100PE1E8A	S-45PK1E5A x3 U-125PE1E8A	S-50PK1E5A x3 U-140PE1E8A					
	S-36PK1E5A x4 U-125PE1E8A							
F1					S-71PF1E5A U-71PE1E8A	S-100PF1E5A U-100PE1E8A	S-125PF1E5A U-125PE1E8A	S-140PF1E5A U-140PE1E8A
	S-36PF1E5A x2 U-71PE1E8A		S-50PF1E5A x2 U-100PE1E8A	S-60PF1E5A x2 U-125PE1E8A	S-71PF1E5A x2 U-140PE1E8A			
	S-36PF1E5A x3 U-100PE1E8A	S-45PF1E5A x3 U-125PE1E8A	S-50PF1E5A x3 U-140PE1E8A					
	S-36PF1E5A x4 U-125PE1E8A							
N1					S-71PN1E5A U-71PE1E8A	S-100PN1E5A U-100PE1E8A	S-125PN1E5A U-125PE1E8A	S-140PN1E5A U-140PE1E8A
	S-36PN1E5A x2 U-71PE1E8A		S-50PN1E5A x2 U-100PE1E8A	S-60PN1E5A x2 U-125PE1E8A	S-71PN1E5A x2 U-140PE1E8A			
	S-36PN1E5A x3 U-100PE1E8A	S-45PN1E5A x3 U-125PE1E8A	S-50PN1E5A x3 U-140PE1E8A					
	S-36PN1E5A x4 U-125PE1E8A							
Y2								
	S-36PY2E5A x2 U-71PE1E8A		S-50PY2E5A x2 U-100PE1E8A					
	S-36PY2E5A x3 U-100PE1E8A	S-45PY2E5A x3 U-125PE1E8A	S-50PY2E5A x3 U-140PE1E8A					
	S-36PY2E5A x4 U-125PE1E8A							

Combination of Indoor and Outdoor Units

PEY1 **PEY2**

Single-phase

	50	60	71	100	125	140
U2		S-60PU2E5A U-60PEY2E5	S-71PU2E5A U-71PEY2E5	S-100PU2E5A U-100PEY1E5	S-125PU2E5A U-125PEY1E5	
	S-50PU2E5A x2 U-100PEY1E5	S-60PU2E5A x2 U-125PEY1E5				
T2		S-60PT2E5A U-60PEY2E5	S-71PT2E5A U-71PEY2E5	S-100PT2E5A U-100PEY1E5	S-125PT2E5A U-125PEY1E5	
	S-50PT2E5A x2 U-100PEY1E5	S-60PT2E5A x2 U-125PEY1E5				
K1		S-60PK1E5A U-60PEY2E5	S-71PK1E5A U-71PEY2E5	S-100PK1E5A U-100PEY1E5		
	S-50PK1E5A x2 U-100PEY1E5	S-60PK1E5A x2 U-125PEY1E5				
F1		S-60PF1E5A U-60PEY2E5	S-71PF1E5A U-71PEY2E5	S-100PF1E5A U-100PEY1E5	S-125PF1E5A U-125PEY1E5	
	S-50PF1E5A x2 U-100PEY1E5	S-60PF1E5A x2 U-125PEY1E5				
N1		S-60PN1E5A U-60PEY2E5	S-71PN1E5A U-71PEY2E5	S-100PN1E5A U-100PEY1E5	S-125PN1E5A U-125PEY1E5	
	S-50PN1E5A x2 U-100PEY1E5	S-60PN1E5A x2 U-125PEY1E5				
Y2						
	S-50PY2E5A x2 U-100PEY1E5					

PEY1

3-phase

	50	60	71	100	125	140
U2				S-100PU2E5A U-100PEY1E8	S-125PU2E5A U-125PEY1E8	S-140PU2E5A U-140PEY1E8
	S-50PU2E5A x2 U-100PEY1E8	S-60PU2E5A x2 U-125PEY1E8	S-71PU2E5A x2 U-140PEY1E8			
T2				S-100PT2E5A U-100PEY1E8	S-125PT2E5A U-125PEY1E8	S-140PT2E5A U-140PEY1E8
	S-50PT2E5A x2 U-100PEY1E8	S-60PT2E5A x2 U-125PEY1E8	S-71PT2E5A x2 U-140PEY1E8			
K1				S-100PK1E5A U-100PEY1E8		
	S-50PK1E5A x2 U-100PEY1E8	S-60PK1E5A x2 U-125PEY1E8	S-71PK1E5A x2 U-140PEY1E8			
F1				S-100PF1E5A U-100PEY1E8	S-125PF1E5A U-125PEY1E8	S-140PF1E5A U-140PEY1E8
	S-50PF1E5A x2 U-100PEY1E8	S-60PF1E5A x2 U-125PEY1E8	S-71PF1E5A x2 U-140PEY1E8			
N1				S-100PN1E5A U-100PEY1E8	S-125PN1E5A U-125PEY1E8	S-140PN1E5A U-140PEY1E8
	S-50PN1E5A x2 U-100PEY1E8	S-60PN1E5A x2 U-125PEY1E8	S-71PN1E5A x2 U-140PEY1E8			
Y2						
	S-50PY2E5A x2 U-100PEY1E8					

Single -Type

1-1. Unit Specifications

PE2

1. 4-Way Cassette Type S-36PU2E5A / U-36PE2E5A

INDOOR			MODEL	S-36PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 / ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-36PE2E5A			-	
Branch pipe			MODEL	-			-			-	
Performance test condition				ISO5151 / EN14511 / EN12102/ EN14825							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW	3.6	3.6	3.6	-	-	-	1.5	4.0
			BTU/h	12300	12300	12300	-	-	-	5100	13600
			Current	A	0.23	0.23	0.22	3.75	3.55	3.40	-
	Input power		W	24	24	24	0.746k	0.746k	0.746k	-	-
			TOTAL W	-			0.770k	0.770k	0.770k	240	910
	Annual consumption		TOTAL kWh *4	-	-	-	-	385	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.68	4.68/A	4.68	6.25	4.40
	Erp *6	Pdesign	kW	-	-	-	-	3.6	-	-	-
		SEER	(W/W)	-	-	-	-	7.4	-	-	-
		Annual consumption	kWh	-	-	-	-	170	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor		%	-	-	-	91	91	91	-	-
	Noise indoor		dB-A (H/M/L) *7/	30/28/27			-			-	-
			Power Level dB	45/43/42			-			-	-
Noise outdoor		dB-A (H/L)	-			45/-			-	-	
		Power Level dB	-			64/-			-	-	
H E A T I N G	Capacity		kW	4.0	4.0	4.0	-	-	-	1.5	5.0
			BTU/h	13600	13600	13600	-	-	-	5100	17100
	Current		A	0.22	0.22	0.21	3.80	3.60	3.45	-	-
	Input power		W	22	22	22	0.758k	0.758k	0.758k	-	-
			TOTAL W	-			0.780k	0.780k	0.780k	190	1.080k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	5.13	5.13/A	5.13	7.89	4.63
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	3.6	-	-	-
		Tbivalent °C	-	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.6	-	-	-
		Annual consumption	kWh	-	-	-	-	1095	-	-	-
	Power factor		%	-	-	-	91	91	91	-	-
	Noise indoor		dB-A (H/M/L) *7/	30/28/27			-			-	-
			Power Level dB	45/43/42			-			-	-
	Noise outdoor		dB-A (H/L)	-			46/-			-	-
Power Level dB			-			66/-			-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-	
Max Current(A) / Max Input power(W)			0.23/24	0.23/24	0.22/24	11.0 / 2.20k	11.0 / 2.30k	11.0 / 2.40k	-		
Starting current(A) / Comp output(W)			-	-	-	3.80 / 1.1k	3.60 / 1.1k	3.45 / 1.1k	-		
Network Impedance(ΩMAX.)			-							-	
Fan motor output (Indoor/Outdoor) W			60				60			-	
Moisture removal volume			L/h(Pt/h)	0.7	(1.5)		-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7/	Cooling	m³/min (ft³/min)	14.5/13.0/11.5 (512)/(459)/(406)				-			-	-
	Heating	m³/min (ft³/min)	14.5/13.0/11.5 (512)/(459)/(406)				-			-	-
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				38 (1342)			-	-
	Heating	m³/min (ft³/min)	-				38 (1342)			-	-
Refrigerant type / amount g(oz)			-				R410A 1.40k (49.4)			-	
Product dimension		Height mm(inch)	256	(10-5/64)		619	(24-3/8)		-		
		Width mm(inch)	840	(33-5/64)		799	(31-29/64)		-		
		Depth mm(inch)	840	(33-5/64)		299	(11-49/64)		-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height mm(inch)	302	(11-57/64)		688			-		
		Width mm(inch)	898	(35-3/8)		931			-		
		Depth mm(inch)	898	(35-3/8)		422			-		
Weight		(NET) kg(lb)	19	(42)		39	(86)		-		
		(GROSS) kg(lb)	26	(57)		44	(97)		-		
		Panel (NET) kg(lb)	5	(11)		-			-		
Layers limit (actually)			11 (12)				5 (6)			-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		3 ~ 40m (9.8 ~131.2)						-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)		20g (0.215)						-		
Pipe length for additional gas m (ft)		30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×2 / U-71PE1E5A

INDOOR			MODEL	S-36PU2E5A×2			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-			
OUTDOOR			MODEL	-			U-71PE1E5A			-			
Branch pipe			MODEL	CZ-P224BK2									
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max		
C O O L I N G	Capacity	kW	7.1	7.1	7.1	-	-	-	2.5	8.0			
		BTU/h	24200	24200	24200	-	-	-	8500	27300			
	Current	A	0.23 ×2	0.23 ×2	0.22 ×2	8.40	8.15	7.90	-	-			
	Input power	W	24 ×2	24 ×2	24 ×2	1.762k	1.762k	1.762k	-	-			
		TOTAL W				1.810k	1.810k	1.810k	450	2.650k			
	Annual consumption	TOTAL kWh *4	-	-	-	-	905	-	-	-			
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.92	3.92/A	3.92	5.56	3.02			
	Erp *6	Pdesign	kW	-	-	-	-	7.1	-	-	-		
		SEER	(W/W)	-	-	-	-	7.4	-	-	-		
		Annual consumption	kWh	-	-	-	-	336	-	-	-		
		Class		-	-	-	-	A++	-	-	-		
	Power factor	%	-	-	-	95	94	93	-	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
		Power Level dB	45/43/42			-			-	-	-		
Noise outdoor	dB-A (H/L)	-			48/-			-	-	-			
	Power Level dB	-			65/-			-	-	-			
H E A T I N G	Capacity	kW	8.0	8.0	8.0	-	-	-	2.0	9.0			
		BTU/h	27300	27300	27300	-	-	-	6800	30700			
	Current	A	0.22 ×2	0.22 ×2	0.21 ×2	8.65	8.25	8.00	-	-			
	Input power	W	22 ×2	22 ×2	22 ×2	1.826k	1.826k	1.826k	-	-			
		TOTAL W				1.870k	1.870k	1.870k	400	2.850k			
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.28	4.28/A	4.28	5.00	3.16			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	7.1	-	-	-		
		Tbivalent	°C	-	-	-	-	-10	-	-	-		
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-		
		Annual consumption	kWh	-	-	-	-	2312	-	-	-		
	Power factor	%	-	-	-	96	96	95	-	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
		Power Level dB	45/43/42			-			-	-	-		
	Noise outdoor	dB-A (H/L)	-			50/-			-	-	-		
		Power Level dB	-			67/-			-	-	-		
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-			
Max Current(A) / Max Input power(W)			0.23×2/24×2	0.23×2/24×2	0.22×2/24×2	18.0 / 3.80k	18.0 / 3.93k	18.0 / 4.06k	-				
Starting current(A) / Comp output(W)			-	-	-	8.65 / 2.0k	8.25 / 2.0k	8.00 / 2.0k	-				
Network Impedance(ΩMAX.)			-			-			-				
Fan motor output (Indoor/Outdoor) W			60			90			-				
Moisture removal volume			L/h(Pt/h)	1.4	(0.7×2)	(2.9)	-			-			
External static pressure			Pa	-			-			-			
Indoor Air flow *7	Cooling	m³/min (ft³/min)	14.5×2/13.0×2/11.5×2 (512)×2/(459)×2/(406)×2			-			-	-			
	Heating	m³/min (ft³/min)	14.5×2/13.0×2/11.5×2 (512)×2/(459)×2/(406)×2			-			-	-			
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			60 (2119)			-	-			
	Heating	m³/min (ft³/min)	-			60 (2119)			-	-			
Refrigerant type / amount g(oz)			-			R410A 2.35k (82.9)			-				
Product dimension	Height	mm(inch)	256		(10-5/64)	996 (39-7/32)			-				
	Width	mm(inch)	840		(33-5/64)	940 (37-1/32)			-				
	Depth	mm(inch)	840		(33-5/64)	340 (13-13/32)			-				
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32	-			-				
Packing dimension	Height	mm(inch)	302		(11-57/64)	1136			-				
	Width	mm(inch)	898		(35-3/8)	1055			-				
	Depth	mm(inch)	898		(35-3/8)	485			-				
Weight	(NET)	kg(lb)	19		(42)	69		(152)	-				
	(GROSS)	kg(lb)	26		(57)	77		(170)	-				
	Panel (NET)	kg(lb)	5		(11)	-		-	-				
Layers limit (actually)			11 (12)			2 (3)			-				
Operation condition	Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-					
	Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-					
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)			30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×3 / U-100PE1E5A

INDOOR			MODEL		S-36PU2E5A×3			-				
PANEL			MODEL		Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-				
OUTDOOR			MODEL		-			U-100PE1E5A				
Branch pipe			MODEL					CZ-P3HPC2				
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	3.3	12.5
			BTU/h		34100	34100	34100	-	-	-	11300	42700
			A		0.23 ×3	0.23 ×3	0.22 ×3	10.6	10.3	9.8	-	-
	Current		W		24 ×3	24 ×3	24 ×3	2.268k	2.268k	2.268k	-	-
			TOTAL W		-			2.340k	2.340k	2.340k	770	3.700k
	Annual consumption		TOTAL kWh *4		-	-	-	-	1170	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.27	4.27/A	4.27	4.29	3.38
	Erp *6	Pdesign	kW		-	-	-	-	10.0	-	-	-
		SEER	(W/W)		-	-	-	-	7.3	-	-	-
		Annual consumption	kWh		-	-	-	-	479	-	-	-
		Class			-	-	-	-	A++	-	-	-
	Power factor		%		-	-	-	97	96	96	-	-
	Noise indoor		dB-A (H/M/L) *7/		30/28/27			-			-	-
			Power Level dB		45/43/42			-			-	-
Noise outdoor		dB-A (H/L)		-			52/-			-	-	
		Power Level dB		-			69/-			-	-	
H E A T I N G	Capacity		kW		11.2	11.2	11.2	-	-	-	4.1	14.0
			BTU/h		38200	38200	38200	-	-	-	14000	47800
	Current		A		0.22 ×3	0.22 ×3	0.21×3	10.2	9.8	9.5	-	-
			W		22 ×3	22 ×3	22 ×3	2.174k	2.174k	2.174k	-	-
	Input power		TOTAL W		-			2.240k	2.240k	2.240k	790	4.400k
			COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	5.00	5.00/A	5.00
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	10.0	-	-	-
		Tbivalent	°C		-	-	-	-	-10	-	-	-
		SCOP	(W/W)		-	-	-	-	4.8	-	-	-
		Annual consumption	kWh		-	-	-	-	2917	-	-	-
	Power factor		%		-	-	-	97	96	95	-	-
	Noise indoor		dB-A (H/M/L) *7/		30/28/27			-			-	-
			Power Level dB		45/43/42			-			-	-
	Noise outdoor		dB-A (H/L)		-			52/-			-	-
Power Level dB			-			69/-			-	-		
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-									
Max Current(A) / Max Input power(W)			0.23×3/24×3	0.23×3/24×3	0.22×3/24×3	25.0 / 5.35k	25.0 / 5.55k	25.0 / 5.75k	-			
Starting current(A) / Comp output(W)			-	-	-	10.6 / 3.0k	10.3 / 3.0k	9.8 / 3.0k	-			
Network Impedance(ΩMAX.)			-									
Fan motor output (Indoor/Outdoor) W			60			90 × 2			-			
Moisture removal volume			L/h(Pt/h)	2.1	(0.7×3)	(4.4)	-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	14.5×3/13.0×3/11.5×3 (512)×3/(459)×3/(406)×3				-			-	-	
	Heating	m³/min (ft³/min)	14.5×3/13.0×3/11.5×3 (512)×3/(459)×3/(406)×3				-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				110 (3885)			-	-	
	Heating	m³/min (ft³/min)	-				95 (3355)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256	(10-5/64)			1416 (55-3/4)			-		
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-		
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-		
Packing dimension		Height mm(inch)	302	(11-57/64)			1556			-		
		Width mm(inch)	898	(35-3/8)			1055			-		
		Depth mm(inch)	898	(35-3/8)			485			-		
Weight		(NET) kg(lb)	19	(42)			98	(216)		-		
		(GROSS) kg(lb)	26	(57)			108	(238)		-		
		Panel (NET) kg(lb)	5	(11)			-			-		
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)		30m (98.4)						-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Double-Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×4 / U-125PE1E5A

INDOOR			MODEL	S-36PU2E5A×4			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×4 / ECONAVI type:CZ-KPU3A ×4			-			-			
OUTDOOR			MODEL	-			U-125PE1E5A			-			
Branch pipe			MODEL	CZ-P224BK2 (×3)								-	
Performance test condition				ISO5151 / EN14511 / EN12102									
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max		
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	14.0			
		BTU/h	42700	42700	42700	-	-	-	11300	47800			
	Current	A	0.23 ×4	0.23 ×4	0.22 ×4	15.3	14.8	14.3	-	-			
	Input power	W	24 ×4	24 ×4	24 ×4	3.274k	3.274k	3.274k	-	-			
		TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k			
	Annual consumption	TOTAL kWh *4	-	-	-	-	1685	-	-	-			
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04			
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-		
		SEER	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
		Class	-	-	-	-	-	-	-	-	-		
	Power factor	%	-	-	-	97	96	95	-	-			
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
		Power Level dB	45/43/42			-			-	-	-		
Noise outdoor	dB-A (H/L)	-			53/-			-	-	-			
	Power Level dB	-			70/-			-	-	-			
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	4.1	16.0			
		BTU/h	47800	47800	47800	-	-	-	14000	54600			
	Current	A	0.22 ×4	0.22 ×4	0.21×4	13.8	13.4	12.9	-	-			
	Input power	W	22 ×4	22 ×4	22 ×4	2.952k	2.952k	2.952k	-	-			
		TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k			
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-		
		Tbivalent	°C	-	-	-	-	-	-	-	-		
		SCOP	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
	Class	-	-	-	-	-	-	-	-	-			
	Power factor	%	-	-	-	97	96	95	-	-			
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
		Power Level dB	45/43/42			-			-	-	-		
	Noise outdoor	dB-A (H/L)	-			53/-			-	-	-		
Power Level dB		-			70/-			-	-	-			
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-		
Max Current(A) / Max Input power(W)			0.23×4/24×4	0.23×4/24×4	0.22×4/24×4	28.0 / 6.00k	28.0 / 6.20k	28.0 / 6.40k	-				
Starting current(A) / Comp output(W)			-	-	-	15.3 / 3.0k	14.8 / 3.0k	14.3 / 3.0k	-				
Network Impedance(ΩMAX.)			-								-		
Fan motor output (Indoor/Outdoor) W			60				90 × 2			-			
Moisture removal volume			L/h(Pt/h)	2.8	(0.7×4)	(5.9)	-			-			
External static pressure			Pa	-								-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	14.5×4/13.0×4/11.5×4 (512)×4/(459)×4/(406)×4				-			-	-		
	Heating	m³/min (ft³/min)	14.5×4/13.0×4/11.5×4 (512)×4/(459)×4/(406)×4				-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	-		
	Heating	m³/min (ft³/min)	-				110 (3885)			-	-		
Refrigerant type / amount g(oz)			-				R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)			-			
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-			
Packing dimension		Height mm(inch)	302		(11-57/64)		1556			-			
		Width mm(inch)	898		(35-3/8)		1055			-			
		Depth mm(inch)	898		(35-3/8)		485			-			
Weight		(NET) kg(lb)	19		(42)		98		(216)		-		
		(GROSS) kg(lb)	26		(57)		108		(238)		-		
		Panel (NET) kg(lb)	5		(11)		-		-		-		
Layers limit (actually)			11 (12)				1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C				-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C				-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)				flared type, 5.0(16.4)				-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)				-				-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)				-				-		
	Add gas amount g/m (oz/ft)		50g (0.538)				-				-		
Pipe length for additional gas m (ft)			30m (98.4)				-				-		

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-45PU2E5A×3 / U-125PE1E5A

INDOOR			MODEL	S-45PU2E5A×3			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-			-			
OUTDOOR			MODEL	-			U-125PE1E5A			-			
Branch pipe			MODEL	CZ-P3HPC2									
Performance test condition				ISO5151 / EN14511 / EN12102									
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max		
C O O L I N G	Capacity		kW	12.5	12.5	12.5	-	-	-	3.3	14.0		
			BTU/h	42700	42700	42700	-	-	-	11300	47800		
	Current		A	0.25 ×3	0.25 ×3	0.24 ×3	15.4	14.9	14.4	-	-		
			W	26 ×3	26 ×3	26 ×3	3.292k	3.292k	3.292k	-	-		
	Input power		TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k		
			Annual consumption		TOTAL kWh *4	-	-	-	-	1685	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5 ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-		
		SEER	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
		Class		-	-	-	-	-	-	-	-		
	Power factor		%	-	-	-	97	96	95	-	-		
	Noise indoor		dB-A (H/M/L) *7	31/28/27			-			-	-		
			Power Level dB	46/43/42			-			-	-		
Noise outdoor		dB-A (H/L)	-			53/-			-	-			
		Power Level dB	-			70/-			-	-			
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0		
			BTU/h	47800	47800	47800	-	-	-	14000	54600		
	Current		A	0.24 ×3	0.24 ×3	0.23×3	13.9	13.4	13.0	-	-		
			W	24 ×3	24 ×3	24 ×3	2.968k	2.968k	2.968k	-	-		
	Input power		TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k		
			COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-		
		Tbivalent	°C	-	-	-	-	-	-	-	-		
		SCOP	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
	Power factor		%	-	-	-	97	96	95	-	-		
			Noise indoor		dB-A (H/M/L) *7	31/28/27			-			-	-
	Noise outdoor		Power Level dB	46/43/42			-			-	-		
			dB-A (H/L)	-			53/-			-	-		
		Power Level dB	-			70/-			-	-			
		EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-		
Max Current(A) / Max Input power(W)			0.25×3/26×3	0.25×3/26×3	0.24×3/26×3	28.0 / 6.00k	28.0 / 6.20k	28.0 / 6.40k	-				
Starting current(A) / Comp output(W)			-	-	-	15.4 / 3.0k	14.9 / 3.0k	14.4 / 3.0k	-				
Network Impedance(ΩMAX.)			-						-				
Fan motor output (Indoor/Outdoor) W			60						90 × 2				
Moisture removal volume			L/h(Pt/h)	3.9	(1.3×3)	(8.2)	-			-			
External static pressure			Pa	-						-			
Indoor Air flow *7	Cooling	m³/min (ft³/min)	15.5×3/13.0×3/11.5×3 (547)×3/(459)×3/(406)×3				-			-	-		
	Heating	m³/min (ft³/min)	15.5×3/13.0×3/11.5×3 (547)×3/(459)×3/(406)×3				-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	-		
	Heating	m³/min (ft³/min)	-				110 (3885)			-	-		
Refrigerant type / amount g(oz)			-				R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)			-			
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-						
Packing dimension		Height mm(inch)	302		(11-57/64)		1556			-			
		Width mm(inch)	898		(35-3/8)		1055			-			
		Depth mm(inch)	898		(35-3/8)		485			-			
Weight		(NET) kg(lb)	19		(42)		98		(216)		-		
		(GROSS) kg(lb)	26		(57)		108		(238)		-		
		Panel (NET) kg(lb)	5		(11)		-				-		
Layers limit (actually)			11 (12)				1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C				-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C				-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)				flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)								-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)								-		
	Add gas amount g/m (oz/ft)		50g (0.538)								-		
Pipe length for additional gas m (ft)		30m (98.4)								-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PE2

1. 4-Way Cassette Type S-50PU2E5A / U-50PE2E5A

INDOOR			MODEL	S-50PU2E5A			-			-		
PANEL			MODEL	Standard type:CZ-KPU3 / ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL	-			U-50PE2E5A			-		
Branch pipe			MODEL	-							-	
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz					
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity		kW	5.0	5.0	5.0	-	-	-	1.5	5.6	
			BTU/h	17100	17100	17100	-	-	-	5100	19100	
	Current		A	0.27	0.26	0.25	6.25	5.95	5.70	-	-	
	Input power		W	29	29	29	1.291k	1.291k	1.291k	-	-	
			TOTAL W	-			1.320k	1.320k	1.320k	240	1.620k	
	Annual consumption		TOTAL kWh *4	-	-	-	-	660	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.79	3.79/A	3.79	6.25	3.46	
	Erp *6	Pdesign	kW	-	-	-	-	5.0	-	-	-	
		SEER	(W/W)	-	-	-	-	7.1	-	-	-	
		Annual consumption	kWh	-	-	-	-	246	-	-	-	
		Class		-	-	-	-	A++	-	-	-	
	Power factor		%	-	-	-	94	94	94	-	-	
	Noise indoor		dB-A (H/M/L) *7	32/29/27			-			-	-	
			Power Level dB	47/44/42			-			-	-	
Noise outdoor		dB-A (H/L)	-			46/-			-	-		
		Power Level dB	-			65/-			-	-		
H E A T I N G	Capacity		kW	5.6	5.6	5.6	-	-	-	1.5	6.5	
			BTU/h	19100	19100	19100	-	-	-	5100	22200	
	Current		A	0.26	0.25	0.24	6.05	5.75	5.50	-	-	
	Input power		W	27	27	27	1.233k	1.233k	1.233k	-	-	
			TOTAL W	-			1.260k	1.260k	1.260k	190	1.620k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.44	4.44/A	4.44	7.89	4.01	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	5.0	-	-	-	
		Tbivalent	°C	-	-	-	-	-7	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.4	-	-	-	
		Annual consumption	kWh	-	-	-	-	1591	-	-	-	
			Class	-	-	-	-	A+	-	-	-	
	Power factor		%	-	-	-	93	93	93	-	-	
	Noise indoor		dB-A (H/M/L) *7	32/29/27			-			-	-	
			Power Level dB	47/44/42			-			-	-	
	Noise outdoor		dB-A (H/L)	-			48/-			-	-	
			Power Level dB	-			68/-			-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-		
Max Current(A) / Max Input power(W)			0.27 / 29	0.26 / 29	0.25 / 29	12.0 / 2.46k	12.0 / 2.57k	12.0 / 2.68k	-			
Starting current(A) / Comp output(W)			-	-	-	6.25 / 1.5k	5.95 / 1.5k	5.70 / 1.5k	-			
Network Impedance(ΩMAX.)			-							-		
Fan motor output (Indoor/Outdoor) W			60				60			-		
Moisture removal volume			L/h(Pt/h)	1.6	(3.4)		-			-		
External static pressure			Pa	-							-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	16.5 / 13.5 / 11.5 (583) / (477) / (406)				-			-	-	
	Heating	m³/min (ft³/min)	16.5 / 13.5 / 11.5 (583) / (477) / (406)				-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				38 (1342)			-	-	
	Heating	m³/min (ft³/min)	-				41 (1448)			-	-	
Refrigerant type / amount g(oz)			-				R410A 1.40k (49.4)			-		
Product dimension		Height mm(inch)	256	(10-5/64)		619	(24-3/8)		-			
		Width mm(inch)	840	(33-5/64)		799	(31-29/64)		-			
		Depth mm(inch)	840	(33-5/64)		299	(11-49/64)		-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-						
Packing dimension		Height mm(inch)	302	(11-57/64)		688		-				
		Width mm(inch)	898	(35-3/8)		931		-				
		Depth mm(inch)	898	(35-3/8)		422		-				
Weight		(NET) kg(lb)	19	(42)		39	(86)		-			
		(GROSS) kg(lb)	26	(57)		44	(97)		-			
		Panel (NET) kg(lb)	5	(11)		-		-				
Layers limit (actually)			11 (12)				5 (6)		-			
Operation condition		Cool (DBT)	18°C ~ 32°C				-15°C ~ 46°C		-			
		Heat (DBT)	16°C ~ 30°C				-20°C ~ 24°C		-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)					
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)				flared type, 5.0(16.4)					
	Pipe length range m (ft)		3 ~ 40m (9.8 ~131.2)				-					
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)				-					
	Add gas amount g/m (oz/ft)		20g (0.215)				-					
Pipe length for additional gas m (ft)			30m (98.4)				-					

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-50PU2E5A×2 / U-100PE1E5A

INDOOR			MODEL	S-50PU2E5A×2			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-			
OUTDOOR			MODEL	-			U-100PE1E5A			-			
Branch pipe			MODEL	CZ-P224BK2									
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz						
			V	220V	230V	240V	220V	230V	240V	Min	Max		
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.3	12.5			
		BTU/h	34100	34100	34100	-	-	-	11300	42700			
		Current	A	0.27 ×2	0.26 ×2	0.25 ×2	10.7	10.3	9.9	-	-		
	Input power	W	29 ×2	29 ×2	29 ×2	2.282k	2.282k	2.282k	-	-			
		TOTAL W	-			2.340k	2.340k	2.340k	770	3.700k			
	Annual consumption	TOTAL kWh *4	-	-	-	-	1170	-	-	-			
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.27	4.27/A	4.27	4.29	3.38			
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-		
		SEER	(W/W)	-	-	-	-	7.4	-	-	-		
		Annual consumption	kWh	-	-	-	-	473	-	-	-		
	Class		-	-	-	-	A++	-	-	-	-		
	Power factor	%	-	-	-	97	96	96	-	-	-		
	Noise indoor	dB-A (H/M/L) *7/	32/29/27			-			-	-	-		
		Power Level dB	47/44/42			-			-	-	-		
Noise outdoor	dB-A (H/L)	-			52/-			-	-	-			
	Power Level dB	-			69/-			-	-	-			
H E A T I N G	Capacity	kW	11.2	11.2	11.2	-	-	-	4.1	14.0			
		BTU/h	38200	38200	38200	-	-	-	14000	47800			
	Current	A	0.26 ×2	0.25 ×2	0.24×2	10.2	9.9	9.6	-	-			
	Input power	W	27 ×2	27 ×2	27 ×2	2.186k	2.186k	2.186k	-	-			
		TOTAL W	-			2.240k	2.240k	2.240k	790	4.400k			
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	5.00	5.00/A	5.00	5.19	3.18			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-		
		Tbivalent °C		-	-	-	-	-10	-	-	-		
		SCOP	(W/W)	-	-	-	-	4.8	-	-	-		
		Annual consumption	kWh	-	-	-	-	2917	-	-	-		
	Class		-	-	-	-	A++	-	-	-	-		
	Power factor	%	-	-	-	97	96	95	-	-	-		
	Noise indoor	dB-A (H/M/L) *7/	32/29/27			-			-	-	-		
		Power Level dB	47/44/42			-			-	-	-		
	Noise outdoor	dB-A (H/L)	-			52/-			-	-	-		
Power Level dB		-			69/-			-	-	-			
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP			-							-		
Max Current(A) / Max Input power(W)			0.27×2/29×2	0.26×2/29×2	0.25×2/29×2	25.0 / 5.35k	25.0 / 5.55k	25.0 / 5.75k	-				
Starting current(A) / Comp output(W)			-	-	-	10.7 / 3.0k	10.3 / 3.0k	9.9 / 3.0k	-				
Network Impedance(ΩMAX.)			-							-			
Fan motor output (Indoor/Outdoor) W			60			90 × 2			-				
Moisture removal volume			L/h(Pt/h)	3.2	(1.6×2)	(6.7)	-			-			
External static pressure			Pa	-			-			-			
Indoor Air flow *7/	Cooling	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2			-			-	-			
	Heating	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2			-			-	-			
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			110 (3885)			-	-			
	Heating	m³/min (ft³/min)	-			95 (3355)			-	-			
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-				
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)		-				
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)		-				
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)		-				
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-		-				
Packing dimension		Height mm(inch)	302		(11-57/64)		1556		-				
		Width mm(inch)	898		(35-3/8)		1055		-				
		Depth mm(inch)	898		(35-3/8)		485		-				
Weight		(NET) kg(lb)	19		(42)		98 (216)		-				
		(GROSS) kg(lb)	26		(57)		108 (238)		-				
		Panel (NET) kg(lb)	5		(11)		-		-				
Layers limit (actually)			11 (12)			1 (2)			-				
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-				
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-				
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-				
	Add gas amount g/m (oz/ft)		50g (0.538)						-				
Pipe length for additional gas m (ft)		30m (98.4)						-					

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-50PU2E5A×3 / U-140PE1E5A

INDOOR			MODEL	S-50PU2E5A×3			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-			-	
OUTDOOR			MODEL	-			U-140PE1E5A			-	
Branch pipe			MODEL	CZ-P3HPC2							
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3	15.5	
		BTU/h	47800	47800	47800	-	-	-	11300	52900	
	Current	A	0.27 ×3	0.26 ×3	0.25 ×3	19.4	18.8	18.2	-	-	
	Input power	W	29 ×3	29 ×3	29 ×3	4.153k	4.153k	4.153k	-	-	
		TOTAL W	-			4.240k	4.240k	4.240k	770	5.740k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	2120	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.30	3.30/A	3.30	4.29	2.70	
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	97	96	95	-	-
	Noise indoor	dB-A (H/M/L) *7	32/29/27			-			-	-	-
Power Level dB		47/44/42			-			-	-	-	
Noise outdoor	dB-A (H/L)	-			54/-			-	-	-	
	Power Level dB	-			71/-			-	-	-	
H E A T I N G	Capacity	kW	16.0	16.0	16.0	-	-	-	4.1	18.0	
		BTU/h	54600	54600	54600	-	-	-	14000	61400	
	Current	A	0.26 ×3	0.25 ×3	0.24×3	17.0	16.4	15.9	-	-	
	Input power	W	27 ×3	27 ×3	27 ×3	3.639k	3.639k	3.639k	-	-	
		TOTAL W	-			3.720k	3.720k	3.720k	790	5.720k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.30	4.30/A	4.30	5.19	3.15	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Class		-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	97	96	95	-	-
	Noise indoor	dB-A (H/M/L) *7	32/29/27			-			-	-	-
		Power Level dB	47/44/42			-			-	-	-
	Noise outdoor	dB-A (H/L)	-			55/-			-	-	-
		Power Level dB	-			71/-			-	-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-		
Max Current(A) / Max Input power(W)			0.27×3/29×3	0.26×3/29×3	0.25×3/29×3	30.0 / 6.45k	30.0 / 6.65k	30.0 / 6.85k	-		
Starting current(A) / Comp output(W)			-	-	-	19.4 / 3.0k	18.8 / 3.0k	18.2 / 3.0k	-		
Network Impedance(ΩMAX.)			-			-			-		
Fan motor output (Indoor/Outdoor) W			60			90 × 2			-		
Moisture removal volume			L/h(Pt/h)	4.8	(1.6×3)	(10.1)	-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	16.5×3/13.5×3/11.5×3 (583)×3/(477)×3/(406)×3			-			-	-	
	Heating	m³/min (ft³/min)	16.5×3/13.5×3/11.5×3 (583)×3/(477)×3/(406)×3			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			135 (4767)			-	-	
	Heating	m³/min (ft³/min)	-			120 (4238)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-		
Product dimension		Height mm(inch)	256	(10-5/64)			1416 (55-3/4)			-	
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-	
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-	
Packing dimension		Height mm(inch)	302	(11-57/64)			1556			-	
		Width mm(inch)	898	(35-3/8)			1055			-	
		Depth mm(inch)	898	(35-3/8)			485			-	
Weight		(NET) kg(lb)	19	(42)			98	(216)	-		
		(GROSS) kg(lb)	26	(57)			108	(238)	-		
		Panel (NET) kg(lb)	5	(11)			-			-	
Layers limit (actually)			11 (12)			1 (2)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)		30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PE2

1. 4-Way Cassette Type S-60PU2E5A / U-60PE2E5A

INDOOR			MODEL	S-60PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 / ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-60PE2E5A			-	
Branch pipe			MODEL	-			-			-	
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW	6.0	6.0	6.0	-	-	-	2.0	7.1
			BTU/h	20500	20500	20500	-	-	-	6800	24200
			Current	A	0.36	0.35	0.34	7.90	7.50	7.25	-
	Input power		W	38	38	38	1.562k	1.562k	1.562k	-	-
			TOTAL W				1.600k	1.600k	1.600k	250	2.200k
	Annual consumption		TOTAL kWh **4	-	-	-	-	800	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.75	3.75/A	3.75	8.00	3.23
	Erp *6	Pdesign	kW	-	-	-	-	6.0	-	-	-
		SEER	(W/W)	-	-	-	-	7.4	-	-	-
		Annual consumption	kWh	-	-	-	-	284	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor		%	-	-	-	90	90	90	-	-
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-
			Power Level dB	51/46/43			-			-	-
Noise outdoor		dB-A (H/L)	-			46/-			-	-	
		Power Level dB	-			65/-			-	-	
H E A T I N G	Capacity		kW	7.0	7.0	7.0	-	-	-	1.8	8.0
			BTU/h	23900	23900	23900	-	-	-	6100	27300
	Current		A	0.35	0.34	0.33	8.50	8.15	7.80	-	-
	Input power		W	36	36	36	1.684k	1.684k	1.684k	-	-
			TOTAL W				1.720k	1.720k	1.720k	200	2.050k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.07	4.07/A	4.07	9.00	3.90
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	6.0	-	-	-
		Tbivalent	°C	-	-	-	-	-8	-	-	-
		SCOP	(W/W)	-	-	-	-	4.2	-	-	-
		Annual consumption	kWh	-	-	-	-	1999	-	-	-
			Class	-	-	-	-	A+	-	-	-
	Power factor		%	-	-	-	90	90	90	-	-
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-
			Power Level dB	51/46/43			-			-	-
	Noise outdoor		dB-A (H/L)	-			49/-			-	-
			Power Level dB	-			69/-			-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-	
Max Current(A) / Max Input power(W)			0.36 / 38	0.35 / 38	0.34 / 38	16.5 / 3.27k	16.5 / 3.42k	16.5 / 3.57k	-		
Starting current(A) / Comp output(W)			-	-	-	8.50 / 1.7k	8.15 / 1.7k	7.80 / 1.7k	-		
Network Impedance(ΩMAX.)			-							-	
Fan motor output (Indoor/Outdoor) W			60				60			-	
Moisture removal volume			L/h(Pt/h)	1.7	(3.6)			-			-
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	21.0 / 16.0 / 13.0 (742) / (565) / (459)			-			-	-	
	Heating	m³/min (ft³/min)	21.0 / 16.0 / 13.0 (742) / (565) / (459)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			38 (1342)			-	-	
	Heating	m³/min (ft³/min)	-			41 (1448)			-	-	
Refrigerant type / amount g(oz)			-			R410A 1.95k (68.8)			-		
Product dimension		Height mm(inch)	256	(10-5/64)		619	(24-3/8)		-		
		Width mm(inch)	840	(33-5/64)		799	(31-29/64)		-		
		Depth mm(inch)	840	(33-5/64)		299	(11-49/64)		-		
Product dimension (Panel)		H×W×D mm, inch	33.5×95.0×95.0	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height mm(inch)	302	(11-57/64)		688			-		
		Width mm(inch)	898	(35-3/8)		931			-		
		Depth mm(inch)	898	(35-3/8)		422			-		
Weight		(NET) kg(lb)	20	(44)		40	(88)		-		
		(GROSS) kg(lb)	27	(60)		45	(99)		-		
		Panel (NET) kg(lb)	5	(11)		-			-		
Layers limit (actually)			11 (12)			5 (6)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		3 ~ 40m (9.8 ~131.2)						-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)		40g (0.430)						-		
Pipe length for additional gas m (ft)		30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-60PU2E5A×2 / U-125PE1E5A

INDOOR			MODEL	S-60PU2E5A×2			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-	
OUTDOOR			MODEL	-			U-125PE1E5A			-	
Branch pipe			MODEL	CZ-P224BK2							
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW	12.5	12.5	12.5	-	-	-	3.3	14.0
			BTU/h	42700	42700	42700	-	-	-	11300	47800
	Current		A	0.36 ×2	0.35 ×2	0.34 ×2	15.4	14.9	14.4	-	-
	Input power		W	38 ×2	38 ×2	38 ×2	3.294k	3.294k	3.294k	-	-
			TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k
	Annual consumption		TOTAL kWh *4	-	-	-	-	1685	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	97	96	95	-	-
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-
		Power Level dB	51/46/43			-			-	-	
Noise outdoor		dB-A (H/L)	-			53/-			-	-	
		Power Level dB	-			70/-			-	-	
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0
			BTU/h	47800	47800	47800	-	-	-	14000	54600
	Current		A	0.35 ×2	0.34 ×2	0.33×2	13.9	13.4	13.0	-	-
	Input power		W	36 ×2	36 ×2	36 ×2	2.968k	2.968k	2.968k	-	-
			TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	97	96	95	-	-
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-
			Power Level dB	51/46/43			-			-	-
	Noise outdoor		dB-A (H/L)	-			53/-			-	-
			Power Level dB	-			70/-			-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP				-					-		
Max Current(A) / Max Input power(W)				0.36×2/38×2	0.35×2/38×2	0.34×2/38×2	28.0 / 6.00k	28.0 / 6.20k	28.0 / 6.40k	-	
Starting current(A) / Comp output(W)				-	-	-	15.4 / 3.0k	14.9 / 3.0k	14.4 / 3.0k	-	
Network Impedance(ΩMAX.)				-			-			-	
Fan motor output (Indoor/Outdoor) W				60			90 × 2			-	
Moisture removal volume			L/h(Pt/h)	3.4	(1.7×2)	(7.1)	-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2				-			-	-
	Heating	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2				-			-	-
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	-
	Heating	m³/min (ft³/min)	-				110 (3885)			-	-
Refrigerant type / amount g(oz)				-			R410A 3.40k (119.9)			-	
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)			-	
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-	
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-	
Packing dimension		Height mm(inch)	302		(11-57/64)		1556			-	
		Width mm(inch)	898		(35-3/8)		1055			-	
		Depth mm(inch)	898		(35-3/8)		485			-	
Weight		(NET) kg(lb)	20		(44)		98	(216)		-	
		(GROSS) kg(lb)	27		(60)		108	(238)		-	
		Panel (NET) kg(lb)	5		(11)		-			-	
Layers limit (actually)				11 (12)			1 (2)			-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)		30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-71PU2E5A / U-71PE1E5A

INDOOR			MODEL		S-71PU2E5A			-				
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-				
OUTDOOR			MODEL		-			U-71PE1E5A				
Branch pipe			MODEL		-			-				
Performance test condition					ISO5151 / EN14511 / EN12102/ EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW		7.1	7.1	7.1	-	-	-	2.5	8.0
			BTU/h		24200	24200	24200	-	-	-	8500	27300
			A		0.40	0.39	0.38	8.40	8.10	7.90	-	-
	Current		W		42	42	42	1.758k	1.758k	1.758k	-	-
			TOTAL W		-			1.800k	1.800k	1.800k	450	2.650k
	Annual consumption		TOTAL kWh *4		-	-	-	-	900	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	3.94	3.94/A	3.94	5.56	3.02
	Erp *6	Pdesign	kW		-	-	-	-	7.1	-	-	-
		SEER	(W/W)		-	-	-	-	7.6	-	-	-
		Annual consumption	kWh		-	-	-	-	327	-	-	-
		Class			-	-	-	-	A++	-	-	-
	Power factor		%		-	-	-	95	94	93	-	-
	Noise indoor		dB-A (H/M/L) *7/		37/31/28			-			-	-
			Power Level dB		52/46/43			-			-	-
Noise outdoor		dB-A (H/L)		-			48/-			-	-	
		Power Level dB		-			65/-			-	-	
H E A T I N G	Capacity		kW		8.0	8.0	8.0	-	-	-	2.0	9.0
			BTU/h		27300	27300	27300	-	-	-	6800	30700
	Current		A		0.39	0.38	0.37	8.60	8.25	8.00	-	-
	Input power		W		40	40	40	1.820k	1.820k	1.820k	-	-
			TOTAL W		-			1.860k	1.860k	1.860k	400	2.850k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.30	4.30/A	4.30	5.00	3.16
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	7.1	-	-	-
		Tbivalent °C	°C		-	-	-	-	-10	-	-	-
		SCOP	(W/W)		-	-	-	-	4.3	-	-	-
		Annual consumption	kWh		-	-	-	-	2312	-	-	-
	Power factor		%		-	-	-	96	96	95	-	-
	Noise indoor		dB-A (H/M/L) *7/		37/31/28			-			-	-
			Power Level dB		52/46/43			-			-	-
	Noise outdoor		dB-A (H/L)		-			50/-			-	-
			Power Level dB		-			67/-			-	-
	EXTRA LOW TEMP		Total capacity(kW) / Input power(W) / COP			-						-
Max Current(A) / Max Input power(W)					0.40/42	0.39/42	0.38/42	18.0 / 3.80k	18.0 / 3.93k	18.0 / 4.06k	-	
Starting current(A) / Comp output(W)					-	-	-	8.60 / 2.0k	8.25 / 2.0k	8.00 / 2.0k	-	
Network Impedance(ΩMAX.)					-			-			-	
Fan motor output (Indoor/Outdoor) W					60			90			-	
Moisture removal volume			L/h(Pt/h)		2.5	(5.3)		-			-	
External static pressure			Pa		-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)		22.0/16.0/13.0 (777)/(565)/(459)			-			-	-	
	Heating	m³/min (ft³/min)		22.0/16.0/13.0 (777)/(565)/(459)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			60 (2119)			-	-	
	Heating	m³/min (ft³/min)		-			60 (2119)			-	-	
Refrigerant type / amount g(oz)					-			R410A 2.35k (82.9)			-	
Product dimension		Height	mm(inch)	256	(10-5/64)		996 (39-7/32)			-		
		Width	mm(inch)	840	(33-5/64)		940 (37-1/32)			-		
		Depth	mm(inch)	840	(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)			H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height	mm(inch)	302	(11-57/64)		1136			-		
		Width	mm(inch)	898	(35-3/8)		1055			-		
		Depth	mm(inch)	898	(35-3/8)		485			-		
Weight		(NET)	kg(lb)	20	(44)		69	(152)		-		
		(GROSS)	kg(lb)	27	(60)		77	(170)		-		
		Panel (NET)	kg(lb)	5	(11)		-			-		
Layers limit (actually)					11 (12)			2 (3)			-	
Operation condition			Cool (DBT)		18°C ~ 32°C			-15°C ~ 46°C			-	
			Heat (DBT)		16°C ~ 30°C			-20°C ~ 24°C			-	
P I P I N G	Pipe diameter mm (inch)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-	
	Connecting method, Standard length m(ft)				flared type, 5.0(16.4)			flared type, 5.0(16.4)			-	
	Pipe length range m (ft)				5 ~ 50m (16.4 ~164)						-	
	Indoor unit & Outdoor unit height difference m (ft)				15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-	
	Add gas amount g/m (oz/ft)				50g (0.538)						-	
Pipe length for additional gas m (ft)					30m (98.4)						-	

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-71PU2E5A×2 / U-140PE1E5A

INDOOR			MODEL	S-71PU2E5A×2			-			-		
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-		
OUTDOOR			MODEL	-			U-140PE1E5A			-		
Branch pipe			MODEL	CZ-P224BK2								
Performance test condition				ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz					
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3	15.5		
		BTU/h	47800	47800	47800	-	-	-	11300	52900		
	Current	A	0.40 ×2	0.39 ×2	0.38 ×2	19.4	18.8	18.2	-	-		
	Input power	W	42 ×2	42 ×2	42 ×2	4.156k	4.156k	4.156k	-	-		
		TOTAL W				4.240k	4.240k	4.240k	770	5.740k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	2120	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.30	3.30/A	3.30	4.29	2.70		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-	
		SEER	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
		Class		-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	97	96	95	-	-	
Noise indoor	dB-A (H/M/L) *7	37/31/28						-	-	-		
	Power Level dB	52/46/43						-	-	-		
Noise outdoor	dB-A (H/L)	-			54/-			-	-	-		
	Power Level dB	-			71/-			-	-	-		
H E A T I N G	Capacity	kW	16.0	16.0	16.0	-	-	-	4.1	18.0		
		BTU/h	54600	54600	54600	-	-	-	14000	61400		
	Current	A	0.39 ×2	0.38 ×2	0.37×2	17.0	16.5	15.9	-	-		
	Input power	W	40 ×2	40 ×2	40 ×2	3.640k	3.640k	3.640k	-	-		
		TOTAL W				3.720k	3.720k	3.720k	790	5.720k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.30	4.30/A	4.30	5.19	3.15		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-	
		Tbivalent	°C	-	-	-	-	-	-	-	-	
		SCOP	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	97	96	95	-	-	
	Noise indoor	dB-A (H/M/L) *7	37/31/28						-	-	-	
		Power Level dB	52/46/43						-	-	-	
	Noise outdoor	dB-A (H/L)	-			55/-			-	-	-	
		Power Level dB	-			71/-			-	-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-	
Max Current(A) / Max Input power(W)			0.40×2/42×2	0.39×2/42×2	0.38×2/42×2	30.0 / 6.45k	30.0 / 6.65k	30.0 / 6.85k	-			
Starting current(A) / Comp output(W)			-	-	-	19.4 / 3.0k	18.8 / 3.0k	18.2 / 3.0k	-			
Network Impedance(ΩMAX.)			-						-			
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-			
Moisture removal volume			L/h(Pt/h)	5.0	(2.5×2)	(10.5)	-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-	-	-	
	Heating	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-	-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			135 (4767)			-	-	-	
	Heating	m³/min (ft³/min)	-			120 (4238)			-	-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256	(10-5/64)			1416 (55-3/4)			-		
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-		
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-		
Packing dimension		Height mm(inch)	302	(11-57/64)			1556			-		
		Width mm(inch)	898	(35-3/8)			1055			-		
		Depth mm(inch)	898	(35-3/8)			485			-		
Weight		(NET) kg(lb)	20	(44)			98	(216)		-		
		(GROSS) kg(lb)	27	(60)			108	(238)		-		
		Panel (NET) kg(lb)	5	(11)			-			-		
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)			30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-100PU2E5A / U-100PE1E5A

INDOOR			MODEL		S-100PU2E5A			-			-	
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL		-			U-100PE1E5A			-	
Branch pipe			MODEL		-			-			-	
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz				
			V		220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	3.3	12.5
			BTU/h		34100	34100	34100	-	-	-	11300	42700
			A		0.82	0.79	0.76	10.5	10.1	9.7	-	-
	Current		W		100	100	100	2.240k	2.240k	2.240k	-	-
			TOTAL W		-			2.340k	2.340k	2.340k	770	3.700k
	Annual consumption		TOTAL kWh *4		-	-	-	-	1170	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.27	4.27/A	4.27	4.29	3.38
	Erp *6	Pdesign	kW		-	-	-	-	10.0	-	-	-
		SEER	(W/W)		-	-	-	-	7.6	-	-	-
		Annual consumption	kWh		-	-	-	-	461	-	-	-
		Class			-	-	-	-	A++	-	-	-
	Power factor		%		-	-	-	97	96	96	-	-
	Noise indoor		dB-A (H/M/L) *7/		45/38/32			-			-	-
			Power Level dB		60/53/47			-			-	-
Noise outdoor		dB-A (H/L)		-			52/-			-	-	
		Power Level dB		-			69/-			-	-	
H E A T I N G	Capacity		kW		11.2	11.2	11.2	-	-	-	4.1	14.0
			BTU/h		38200	38200	38200	-	-	-	14000	47800
	Current		A		0.81	0.78	0.75	10.1	9.7	9.4	-	-
	Input power		W		95	95	95	2.145k	2.145k	2.145k	-	-
			TOTAL W		-			2.240k	2.240k	2.240k	790	4.400k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	5.00	5.00/A	5.00	5.19	3.18
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	10.0	-	-	-
		Tbivalent °C	°C		-	-	-	-	-10	-	-	-
		SCOP	(W/W)		-	-	-	-	4.8	-	-	-
		Annual consumption	kWh		-	-	-	-	2917	-	-	-
	Power factor		%		-	-	-	97	96	95	-	-
											-	-
	Noise indoor		dB-A (H/M/L) *7/		45/38/32			-			-	-
			Power Level dB		60/53/47			-			-	-
	Noise outdoor		dB-A (H/L)		-			52/-			-	-
			Power Level dB		-			69/-			-	-
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP						-			-		
Max Current(A) / Max Input power(W)			0.82/100		0.79/100	0.76/100	25.0 / 5.35k	25.0 / 5.55k	25.0 / 5.75k	-		
Starting current(A) / Comp output(W)			-		-	-	10.5 / 3.0k	10.1 / 3.0k	9.7 / 3.0k	-		
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			90			90 ×2			-			
Moisture removal volume L/h(Pt/h)			2.7	(5.7)		-			-			
External static pressure Pa			-			-			-			
Indoor Air flow *7	Cooling	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	
	Heating	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			110 (3885)			-	-	
	Heating	m³/min (ft³/min)		-			95 (3355)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	319		(12-9/16)		1416 (55-3/4)			-		
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-		
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)		H×W×D mm, inch		33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-	
Packing dimension		Height mm(inch)	365		(14-3/8)		1556			-		
		Width mm(inch)	898		(35-3/8)		1055			-		
		Depth mm(inch)	898		(35-3/8)		485			-		
Weight		(NET) kg(lb)	25		(55)		98		(216)		-	
		(GROSS) kg(lb)	32		(71)		108		(238)		-	
		Panel (NET) kg(lb)	5		(11)		-				-	
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)		30m (98.4)						-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-125PU2E5A / U-125PE1E5A

INDOOR			MODEL	S-125PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-125PE1E5A			-	
Branch pipe			MODEL	-							-
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	14.0	
		BTU/h	42700	42700	42700	-	-	-	11300	47800	
	Current	A	0.91	0.88	0.85	15.2	14.7	14.3	-	-	
	Input power	W	110	110	110	3.260k	3.260k	3.260k	-	-	
		TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1685	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04	
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	97	96	95	-	-
	Noise indoor	dB-A (H/M/L) *7	46/39/33			-			-	-	-
		Power Level dB	61/54/48			-			-	-	-
Noise outdoor	dB-A (H/L)	-			53/-			-	-	-	
	Power Level dB	-			70/-			-	-	-	
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	4.1	16.0	
		BTU/h	47800	47800	47800	-	-	-	14000	54600	
	Current	A	0.90	0.87	0.84	13.7	13.3	12.9	-	-	
	Input power	W	105	105	105	2.935k	2.935k	2.935k	-	-	
		TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Class		-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	97	96	95	-	-
	Noise indoor	dB-A (H/M/L) *7	46/39/33			-			-	-	-
		Power Level dB	61/54/48			-			-	-	-
	Noise outdoor	dB-A (H/L)	-			53/-			-	-	-
Power Level dB		-			70/-			-	-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-	
Max Current(A) / Max Input power(W)			0.91/110	0.88/110	0.85/110	28.0 / 6.00k	28.0 / 6.20k	28.0 / 6.40k	-		
Starting current(A) / Comp output(W)			-	-	-	15.2 / 3.0k	14.7 / 3.0k	14.3 / 3.0k	-		
Network Impedance(ΩMAX.)			-			-			-		
Fan motor output (Indoor/Outdoor) W			90			90 ×2			-		
Moisture removal volume			L/h(Pt/h)	4.8	(10.1)	-			-		
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-	
	Heating	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			130 (4591)			-	-	
	Heating	m³/min (ft³/min)	-			110 (3885)			-	-	
Refrigerant type / amount (g(oz)			-			R410A 3.40k (119.9)			-		
Product dimension		Height mm(inch)	319	(12-9/16)			1416 (55-3/4)			-	
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-	
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-	
Packing dimension		Height mm(inch)	365	(14-3/8)			1556			-	
		Width mm(inch)	898	(35-3/8)			1055			-	
		Depth mm(inch)	898	(35-3/8)			485			-	
Weight		(NET) kg(lb)	25	(55)			98	(216)	-		
		(GROSS) kg(lb)	32	(71)			108	(238)	-		
		Panel (NET) kg(lb)	5	(11)			-			-	
Layers limit (actually)			11 (12)			1 (2)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)		30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-140PU2E5A / U-140PE1E5A

INDOOR			MODEL		S-140PU2E5A			-			-		
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL		-			U-140PE1E5A			-		
Branch pipe			MODEL		-			-			-		
Performance test condition					ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz					
			V		220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity		kW		14.0	14.0	14.0	-	-	-	3.3	15.5	
			BTU/h		47800	47800	47800	-	-	-	11300	52900	
	Current		A		0.97	0.94	0.91	19.3	18.6	18.0	-	-	
	Input power		W		120	120	120	4.120k	4.120k	4.120k	-	-	
			TOTAL W		-	-	-	4.240k	4.240k	4.240k	770	5.740k	
	Annual consumption		TOTAL kWh **		-	-	-	-	2120	-	-	-	
	EER/EER CLASS		TOTAL (W/W) ^{*5} ("A"-G)		-	-	-	3.30	3.30/A	3.30	4.29	2.70	
	Erp ^{*6}	Pdesign		kW		-	-	-	-	-	-	-	-
		SEER		(W/W)		-	-	-	-	-	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
		Class				-	-	-	-	-	-	-	-
	Power factor			%		-	-	-	97	96	95	-	-
	Noise indoor			dB-A (H/M/L) ^{*7}		47/40/34			-			-	-
				Power Level dB		62/55/49			-			-	-
Noise outdoor			dB-A (H/L)		-			54/-			-	-	
			Power Level dB		-			71/-			-	-	
H E A T I N G	Capacity		kW		16.0	16.0	16.0	-	-	-	4.1	18.0	
			BTU/h		54600	54600	54600	-	-	-	14000	61400	
	Current		A		0.96	0.93	0.90	16.9	16.3	15.8	-	-	
	Input power		W		115	115	115	3.605k	3.605k	3.605k	-	-	
			TOTAL W		-	-	-	3.720k	3.720k	3.720k	790	5.720k	
	COP/COP CLASS		TOTAL (W/W) ^{*5} ("A"-G)		-	-	-	4.30	4.30/A	4.30	5.19	3.15	
	Erp ^{*6}	Pdesign at -10°C		kW		-	-	-	-	-	-	-	-
		Tbivalent		°C		-	-	-	-	-	-	-	-
		SCOP		(W/W)		-	-	-	-	-	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
	Class				-	-	-	-	-	-	-	-	-
	Power factor			%		-	-	-	97	96	95	-	-
	Noise indoor			dB-A (H/M/L) ^{*7}		47/40/34			-			-	-
				Power Level dB		62/55/49			-			-	-
Noise outdoor			dB-A (H/L)		-			55/-			-	-	
			Power Level dB		-			71/-			-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-			
Max Current(A) / Max Input power(W)			0.97/120	0.94/120	0.91/120	30.0 / 6.45k	30.0 / 6.65k	30.0 / 6.85k	-				
Starting current(A) / Comp output(W)			-	-	-	19.3 / 3.0k	18.6 / 3.0k	18.0 / 3.0k	-				
Network Impedance(ΩMAX.)			-							-			
Fan motor output (Indoor/Outdoor) W			90				90 ×2			-			
Moisture removal volume			L/h(Pt/h)	6.0	(12.6)		-			-			
External static pressure			Pa	-							-		
Indoor Air flow ^{*7}	Cooling	m³/min (ft³/min)	38.0/29.0/20.0 (1342)/(1024)/(706)				-			-	-		
	Heating	m³/min (ft³/min)	38.0/29.0/20.0 (1342)/(1024)/(706)				-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				135 (4767)			-	-		
	Heating	m³/min (ft³/min)	-				120 (4238)			-	-		
Refrigerant type / amount g(oz)			-				R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	319	(12-9/16)			1416 (55-3/4)			-			
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-			
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-			
Packing dimension		Height mm(inch)	365	(14-3/8)			1556			-			
		Width mm(inch)	898	(35-3/8)			1055			-			
		Depth mm(inch)	898	(35-3/8)			485			-			
Weight		(NET) kg(lb)	25	(55)			98	(216)		-			
		(GROSS) kg(lb)	32	(71)			108	(238)		-			
		Panel (NET) kg(lb)	5	(11)			-			-			
Layers limit (actually)			11 (12)				1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C				-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C				-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)				flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~246.1)				-			-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)				-			-			
	Add gas amount g/m (oz/ft)		50g (0.538)				-			-			
Pipe length for additional gas m (ft)		30m (98.4)				-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×2 / U-71PE1E8A

INDOOR			MODEL	S-36PU2E5A×2			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-			
OUTDOOR			MODEL	-			U-71PE1E8A			-			
Branch pipe			MODEL	CZ-P224BK2									
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz						
			V	220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity	kW	7.1	7.1	7.1	-	-	-	3.2	8.0			
		BTU/h	24200	24200	24200	-	-	-	10900	27300			
	Current	A	0.23 ×2	0.23 ×2	0.22 ×2	2.85	2.70	2.60	-	-			
	Input power	W	24 ×2	24 ×2	24 ×2	1.762k	1.762k	1.762k	-	-			
		TOTAL W	-	-	-	1.810k	1.810k	1.810k	560	2.650k			
	Annual consumption	TOTAL kWh *4	-	-	-	-	905	-	-	-			
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.92	3.92/A	3.92	5.71	3.02			
	Erp *6	Pdesign	kW	-	-	-	-	7.1	-	-	-		
		SEER	(W/W)	-	-	-	-	7.1	-	-	-		
		Annual consumption	kWh	-	-	-	-	350	-	-	-		
		Class	-	-	-	-	-	A++	-	-	-		
	Power factor	%	-	-	-	-	94	94	94	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-			-	
		Power Level dB	45/43/42			-			-			-	
Noise outdoor	dB-A (H/L)	-			48/-			-			-		
	Power Level dB	-			65/-			-			-		
H E A T I N G	Capacity	kW	8.0	8.0	8.0	-	-	-	2.8	9.0			
		BTU/h	27300	27300	27300	-	-	-	9600	30700			
	Current	A	0.22 ×2	0.22 ×2	0.21 ×2	2.95	2.80	2.70	-	-			
	Input power	W	22 ×2	22 ×2	22 ×2	1.826k	1.826k	1.826k	-	-			
		TOTAL W	-	-	-	1.870k	1.870k	1.870k	500	2.850k			
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.28	4.28/A	4.28	5.60	3.16			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	7.1	-	-	-		
		Tbivalent	°C	-	-	-	-	-10	-	-	-		
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-		
		Annual consumption	kWh	-	-	-	-	2312	-	-	-		
	Power factor	%	-	-	-	-	94	94	94	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-			-	
		Power Level dB	45/43/42			-			-			-	
	Noise outdoor	dB-A (H/L)	-			50/-			-			-	
		Power Level dB	-			67/-			-			-	
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-	
Max Current(A) / Max Input power(W)			0.23×2/24×2	0.23×2/24×2	0.22×2/24×2	7.00 / 4.15k	7.00 / 4.36k	7.00 / 4.53k	-				
Starting current(A) / Comp output(W)			-	-	-	2.95 / 2.0k	2.80 / 2.0k	2.70 / 2.0k	-				
Network Impedance(ΩMAX.)			-								-		
Fan motor output (Indoor/Outdoor) W			60			90			-				
Moisture removal volume			L/h(Pt/h)	1.4	(0.7×2)	(2.9)	-			-			
External static pressure			Pa	-								-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	14.5×2/13.0×2/11.5×2 (512)×2/(459)×2/(406)×2			-			-				
	Heating	m³/min (ft³/min)	14.5×2/13.0×2/11.5×2 (512)×2/(459)×2/(406)×2			-			-				
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			60 (2119)			-				
	Heating	m³/min (ft³/min)	-			60 (2119)			-				
Refrigerant type / amount g(oz)			-			R410A 2.35k (82.9)			-				
Product dimension		Height mm(inch)	256		(10-5/64)		996 (39-7/32)		-				
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)		-				
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)		-				
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-		-				
Packing dimension		Height mm(inch)	302		(11-57/64)		1136		-				
		Width mm(inch)	898		(35-3/8)		1055		-				
		Depth mm(inch)	898		(35-3/8)		485		-				
Weight		(NET) kg(lb)	19		(42)		71 (157)		-				
		(GROSS) kg(lb)	26		(57)		79 (174)		-				
		Panel (NET) kg(lb)	5		(11)		-		-				
Layers limit (actually)			11 (12)			2 (3)			-				
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-				
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-				
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)			30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×3 / U-100PE1E8A

INDOOR			MODEL	S-36PU2E5A×3			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-			-	
OUTDOOR			MODEL	-			U-100PE1E8A			-	
Branch pipe			MODEL				CZ-P3HPC2				
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.3	12.5	
		BTU/h	34100	34100	34100	-	-	-	11300	42700	
		Current	A	0.23 ×3	0.23 ×3	0.22 ×3	3.65	3.50	3.40	-	-
	Input power	W	24 ×3	24 ×3	24 ×3	2.268k	2.268k	2.268k	-	-	
		TOTAL W	-			2.340k	2.340k	2.340k	770	3.700k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1170	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.27	4.27/A	4.27	4.29	3.38	
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-
		SEER	(W/W)	-	-	-	-	7.1	-	-	-
		Annual consumption	kWh	-	-	-	-	493	-	-	-
		Class	-	-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	94	94	93	-	-	-
	Noise indoor	dB-A (H/M/L) *7/	30/28/27			-			-	-	-
		Power Level dB	45/43/42			-			-	-	-
Noise outdoor		dB-A (H/L)	-			52/-			-	-	-
	Power Level dB	-			69/-			-	-	-	
H E A T I N G	Capacity	kW	11.2	11.2	11.2	-	-	-	4.1	14.0	
		BTU/h	38200	38200	38200	-	-	-	14000	47800	
	Current	A	0.22 ×3	0.22 ×3	0.21×3	3.50	3.35	3.25	-	-	
	Input power	W	22 ×3	22 ×3	22 ×3	2.174k	2.174k	2.174k	-	-	-
		TOTAL W	-			2.240k	2.240k	2.240k	790	4.400k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	5.00	5.00/A	5.00	5.19	3.18	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.8	-	-	-
		Annual consumption	kWh	-	-	-	-	2917	-	-	-
	Class	-	-	-	-	-	A++	-	-	-	
	Power factor	%	-	-	-	94	94	93	-	-	-
	Noise indoor	dB-A (H/M/L) *7/	30/28/27			-			-	-	-
		Power Level dB	45/43/42			-			-	-	-
Noise outdoor		dB-A (H/L)	-			52/-			-	-	-
	Power Level dB	-			69/-			-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP			-							-
Max Current(A) / Max Input power(W)			0.23×3/24×3	0.23×3/24×3	0.22×3/24×3	9.00 / 5.55k	9.00 / 5.85k	9.00 / 6.10k	-		
Starting current(A) / Comp output(W)			-	-	-	3.65 / 3.0k	3.50 / 3.0k	3.40 / 3.0k	-		
Network Impedance(ΩMAX.)			-							-	
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-		
Moisture removal volume			L/h(Pt/h)	2.1	(0.7×3)	(4.4)	-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7/	Cooling	m³/min (ft³/min)	14.5×3/13.0×3/11.5×3 (512)×3/(459)×3/(406)×3			-			-	-	
	Heating	m³/min (ft³/min)	14.5×3/13.0×3/11.5×3 (512)×3/(459)×3/(406)×3			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			110 (3885)			-	-	
	Heating	m³/min (ft³/min)	-			95 (3355)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-		
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)		-		
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)		-		
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)		-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-		-		
Packing dimension		Height mm(inch)	302		(11-57/64)		1556		-		
		Width mm(inch)	898		(35-3/8)		1055		-		
		Depth mm(inch)	898		(35-3/8)		485		-		
Weight		(NET) kg(lb)	19		(42)		98 (216)		-		
		(GROSS) kg(lb)	26		(57)		108 (238)		-		
		Panel (NET) kg(lb)	5		(11)		-		-		
Layers limit (actually)			11 (12)			1 (2)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)		50g (0.538)						-		
Pipe length for additional gas m (ft)		30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Double-Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-36PU2E5A×4 / U-125PE1E8A

INDOOR			MODEL	S-36PU2E5A×4			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×4 / ECONAVI type:CZ-KPU3A ×4			-			-			
OUTDOOR			MODEL	-			U-125PE1E8A			-			
Branch pipe			MODEL	CZ-P224BK2 (×3)									
Performance test condition				ISO5151 / EN14511 / EN12102									
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz						
			V	220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	14.0			
		BTU/h	42700	42700	42700	-	-	-	11300	47800			
	Current	A	0.23 ×4	0.23 ×4	0.22 ×4	5.30	5.05	4.85	-	-			
	Input power	W	24 ×4	24 ×4	24 ×4	3.274k	3.274k	3.274k	-	-			
		TOTAL W	-	-	-	3.370k	3.370k	3.370k	770	4.600k			
	Annual consumption	TOTAL kWh *4	-	-	-	-	1685	-	-	-			
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04			
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-		
		SEER	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
		Class	-	-	-	-	-	-	-	-	-		
	Power factor	%	-	-	-	-	94	94	94	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
Power Level dB		45/43/42			-			-	-	-			
Noise outdoor	dB-A (H/L)	-			53/-			-	-	-			
	Power Level dB	-			70/-			-	-	-			
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	4.1	16.0			
		BTU/h	47800	47800	47800	-	-	-	14000	54600			
	Current	A	0.22 ×4	0.22 ×4	0.21×4	4.75	4.55	4.35	-	-			
	Input power	W	22 ×4	22 ×4	22 ×4	2.952k	2.952k	2.952k	-	-			
		TOTAL W	-	-	-	3.040k	3.040k	3.040k	790	5.040k			
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-		
		Tbivalent	°C	-	-	-	-	-	-	-	-		
		SCOP	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
	Power factor	%	-	-	-	-	94	94	94	-	-		
	Noise indoor	dB-A (H/M/L) *7	30/28/27			-			-	-	-		
		Power Level dB	45/43/42			-			-	-	-		
	Noise outdoor	dB-A (H/L)	-			53/-			-	-	-		
		Power Level dB	-			70/-			-	-	-		
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-		
Max Current(A) / Max Input power(W)			0.23×4/24×4	0.23×4/24×4	0.22×4/24×4	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-				
Starting current(A) / Comp output(W)			-	-	-	5.30 / 3.0k	5.05 / 3.0k	4.85 / 3.0k	-				
Network Impedance(ΩMAX.)			-								-		
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-				
Moisture removal volume			L/h(Pt/h)	2.8	(0.7×4)	(5.9)	-			-			
External static pressure			Pa	-								-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	14.5×4/13.0×4/11.5×4 (512)×4/(459)×4/(406)×4			-			-	-			
	Heating	m³/min (ft³/min)	14.5×4/13.0×4/11.5×4 (512)×4/(459)×4/(406)×4			-			-	-			
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			130 (4591)			-	-			
	Heating	m³/min (ft³/min)	-			110 (3885)			-	-			
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-				
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)		-				
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)		-				
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)		-				
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-		-				
Packing dimension		Height mm(inch)	302		(11-57/64)		1556		-				
		Width mm(inch)	898		(35-3/8)		1055		-				
		Depth mm(inch)	898		(35-3/8)		485		-				
Weight		(NET) kg(lb)	19		(42)		98		(216)				
		(GROSS) kg(lb)	26		(57)		108		(238)				
		Panel (NET) kg(lb)	5		(11)		-		-				
Layers limit (actually)			11 (12)			1 (2)			-				
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-				
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-				
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)			30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-45PU2E5A×3 / U-125PE1E8A

INDOOR			MODEL	S-45PU2E5A×3			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-			-	
OUTDOOR			MODEL	-			U-125PE1E8A			-	
Branch pipe			MODEL	CZ-P3HPC2							
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW	12.5	12.5	12.5	-	-	-	3.3	14.0
			BTU/h	42700	42700	42700	-	-	-	11300	47800
	Current		A	0.25 ×3	0.25 ×3	0.24 ×3	5.30	5.05	4.85	-	-
			W	26 ×3	26 ×3	26 ×3	3.292k	3.292k	3.292k	-	-
	Input power		TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k
			Annual consumption		TOTAL kWh *4	-	-	-	-	1685	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/	31/28/27			-			-	-
			Power Level dB	46/43/42			-			-	-
Noise outdoor		dB-A (H/L)	-			53/-			-	-	
		Power Level dB	-			70/-			-	-	
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0
			BTU/h	47800	47800	47800	-	-	-	14000	54600
	Current		A	0.24 ×3	0.24 ×3	0.23×3	4.80	4.55	4.40	-	-
			W	24 ×3	24 ×3	24 ×3	2.968k	2.968k	2.968k	-	-
	Input power		TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k
			COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.60	4.60/A	4.60
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/	31/28/27			-			-	-
			Power Level dB	46/43/42			-			-	-
	Noise outdoor		dB-A (H/L)	-			53/-			-	-
Power Level dB			-			70/-			-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP				-						-	
Max Current(A) / Max Input power(W)				0.25×3/26×3	0.25×3/26×3	0.24×3/26×3	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-	
Starting current(A) / Comp output(W)				-	-	-	5.30 / 3.0k	5.05 / 3.0k	4.85 / 3.0k	-	
Network Impedance(ΩMAX.)				-							
Fan motor output (Indoor/Outdoor) W				60			90 ×2			-	
Moisture removal volume			L/h(Pt/h)	3.9	(1.3×3)	(8.2)	-			-	
External static pressure			Pa	-							
Indoor Air flow *7/	Cooling	m³/min (ft³/min)	15.5×3/13.0×3/11.5×3 (547)×3/(459)×3/(406)×3				-			-	
	Heating	m³/min (ft³/min)	15.5×3/13.0×3/11.5×3 (547)×3/(459)×3/(406)×3				-			-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	
	Heating	m³/min (ft³/min)	-				110 (3885)			-	
Refrigerant type / amount g(oz)				-			R410A 3.40k (119.9)			-	
Product dimension		Height mm(inch)	256	(10-5/64)			1416 (55-3/4)			-	
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-	
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-	
Packing dimension		Height mm(inch)	302	(11-57/64)			1556			-	
		Width mm(inch)	898	(35-3/8)			1055			-	
		Depth mm(inch)	898	(35-3/8)			485			-	
Weight		(NET) kg(lb)	19	(42)			98	(216)		-	
		(GROSS) kg(lb)	26	(57)			108	(238)		-	
		Panel (NET) kg(lb)	5	(11)			-			-	
Layers limit (actually)				11 (12)			1 (2)			-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)		50g (0.538)						-		
Pipe length for additional gas m (ft)		30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-50PU2E5A×2 / U-100PE1E8A

INDOOR			MODEL	S-50PU2E5A×2			-			-		
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-		
OUTDOOR			MODEL	-			U-100PE1E8A			-		
Branch pipe			MODEL	CZ-P224BK2								
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz					
			V	220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.3	12.5		
		BTU/h	34100	34100	34100	-	-	-	11300	42700		
	Current	A	0.27 ×2	0.26 ×2	0.25 ×2	3.70	3.50	3.40	-	-		
	Input power	W	29 ×2	29 ×2	29 ×2	2.282k	2.282k	2.282k	-	-		
		TOTAL W	-	-	-	2.340k	2.340k	2.340k	770	3.700k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	1170	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.27	4.27/A	4.27	4.29	3.38		
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-	
		SEER	(W/W)	-	-	-	-	7.2	-	-	-	
		Annual consumption	kWh	-	-	-	-	486	-	-	-	
		Class	-	-	-	-	-	A++	-	-	-	
	Power factor	%	-	-	-	-	94	94	93	-	-	
Noise indoor	dB-A (H/M/L) *7	32/29/27			-			-	-	-		
	Power Level dB	47/44/42			-			-	-	-		
Noise outdoor	dB-A (H/L)	-			52/-			-	-	-		
	Power Level dB	-			69/-			-	-	-		
H E A T I N G	Capacity	kW	11.2	11.2	11.2	-	-	-	4.1	14.0		
		BTU/h	38200	38200	38200	-	-	-	14000	47800		
	Current	A	0.26 ×2	0.25 ×2	0.24×2	3.55	3.35	3.25	-	-		
	Input power	W	27 ×2	27 ×2	27 ×2	2.186k	2.186k	2.186k	-	-		
		TOTAL W	-	-	-	2.240k	2.240k	2.240k	790	4.400k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	5.00	5.00/A	5.00	5.19	3.18		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.8	-	-	-	
		Annual consumption	kWh	-	-	-	-	2917	-	-	-	
	Class	-	-	-	-	-	A++	-	-	-		
	Power factor	%	-	-	-	-	94	94	94	-	-	
	Noise indoor	dB-A (H/M/L) *7	32/29/27			-			-	-	-	
		Power Level dB	47/44/42			-			-	-	-	
	Noise outdoor	dB-A (H/L)	-			52/-			-	-	-	
		Power Level dB	-			69/-			-	-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-			
Max Current(A) / Max Input power(W)			0.27×2/29×2	0.26×2/29×2	0.25×2/29×2	9.00 / 5.55k	9.00 / 5.85k	9.00 / 6.10k	-			
Starting current(A) / Comp output(W)			-	-	-	3.70 / 3.0k	3.50 / 3.0k	3.40 / 3.0k	-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-			
Moisture removal volume			L/h(Pt/h)	3.2	(1.6×2)	(6.7)	-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2			-			-	-	-	
	Heating	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2			-			-	-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			110 (3885)			-	-	-	
	Heating	m³/min (ft³/min)	-			95 (3355)			-	-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256		(10-5/64)	1416 (55-3/4)			-			
		Width mm(inch)	840		(33-5/64)	940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)	340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32	-			-			
Packing dimension		Height mm(inch)	302		(11-57/64)	1556			-			
		Width mm(inch)	898		(35-3/8)	1055			-			
		Depth mm(inch)	898		(35-3/8)	485			-			
Weight		(NET) kg(lb)	19		(42)	98		(216)	-			
		(GROSS) kg(lb)	26		(57)	108		(238)	-			
		Panel (NET) kg(lb)	5		(11)	-		-			-	
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-			
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-			
Pipe length for additional gas m (ft)			30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Triple) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-50PU2E5A×3 / U-140PE1E8A

INDOOR			MODEL		S-50PU2E5A×3			-			-		
PANEL			MODEL		Standard type:CZ-KPU3 ×3 / ECONAVI type:CZ-KPU3A ×3			-			-		
OUTDOOR			MODEL		-			U-140PE1E8A			-		
Branch pipe			MODEL					CZ-P3HPC2					
Performance test condition					ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz					
			V		220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity		kW		14.0	14.0	14.0	-	-	-	3.3	15.5	
			BTU/h		47800	47800	47800	-	-	-	11300	52900	
			A		0.27 ×3	0.26 ×3	0.25 ×3	6.70	6.35	6.15	-	-	
	Current		W		29 ×3	29 ×3	29 ×3	4.153k	4.153k	4.153k	-	-	
			TOTAL W		-			4.240k	4.240k	4.240k	770	5.740k	
	Annual consumption		TOTAL kWh *4		-	-	-	-	2120	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	3.30	3.30/A	3.30	4.29	2.70	
	Erp *6	Pdesign	kW		-	-	-	-	-	-	-	-	
		SEER	(W/W)		-	-	-	-	-	-	-	-	
		Annual consumption	kWh		-	-	-	-	-	-	-	-	
		Class	-		-	-	-	-	-	-	-	-	
	Power factor		%		-	-	-	94	94	94	-	-	
	Noise indoor		dB-A (H/M/L) *7/		32/29/27			-			-	-	
			Power Level dB		47/44/42			-			-	-	
Noise outdoor		dB-A (H/L)		-			54/-			-	-		
		Power Level dB		-			71/-			-	-		
H E A T I N G	Capacity		kW		16.0	16.0	16.0	-	-	-	4.1	18.0	
			BTU/h		54600	54600	54600	-	-	-	14000	61400	
	Current		A		0.26 ×3	0.25 ×3	0.24×3	5.90	5.60	5.40	-	-	
	Input power		W		27 ×3	27 ×3	27 ×3	3.639k	3.639k	3.639k	-	-	
			TOTAL W		-			3.720k	3.720k	3.720k	790	5.720k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.30	4.30/A	4.30	5.19	3.15	
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	-	-	-	-	
		Tbivalent	°C		-	-	-	-	-	-	-	-	
		SCOP	(W/W)		-	-	-	-	-	-	-	-	
		Annual consumption	kWh		-	-	-	-	-	-	-	-	
	Power factor		%		-	-	-	94	94	94	-	-	
			dB-A (H/M/L) *7/		32/29/27			-			-	-	
	Noise indoor		Power Level dB		47/44/42			-			-	-	
			dB-A (H/L)		-			55/-			-	-	
	Noise outdoor		Power Level dB		-			71/-			-	-	
			EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP										
Max Current(A) / Max Input power(W)					0.27×3/29×3	0.26×3/29×3	0.25×3/29×3	11.0 / 6.80k	11.0 / 7.15k	11.0 / 7.45k	-		
Starting current(A) / Comp output(W)					-	-	-	6.70 / 3.0k	6.35 / 3.0k	6.15 / 3.0k	-		
Network Impedance(ΩMAX.)					-			-			-		
Fan motor output (Indoor/Outdoor) W					60			90 ×2			-		
Moisture removal volume			L/h(Pt/h)		4.8	(1.6×3)	(10.1)	-			-		
External static pressure			Pa		-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)		16.5×3/13.5×3/11.5×3 (583)×3/(477)×3/(406)×3				-			-	-	
	Heating	m³/min (ft³/min)		16.5×3/13.5×3/11.5×3 (583)×3/(477)×3/(406)×3				-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)		-				135 (4767)			-	-	
	Heating	m³/min (ft³/min)		-				120 (4238)			-	-	
Refrigerant type / amount g(oz)					-			R410A 3.40k (119.9)			-		
Product dimension			Height	mm(inch)	256	(10-5/64)		1416 (55-3/4)			-		
			Width	mm(inch)	840	(33-5/64)		940 (37-1/32)			-		
			Depth	mm(inch)	840	(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)			H×W×D mm, inch		33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension			Height	mm(inch)	302	(11-57/64)		1556			-		
			Width	mm(inch)	898	(35-3/8)		1055			-		
			Depth	mm(inch)	898	(35-3/8)		485			-		
Weight			(NET)	kg(lb)	19	(42)		98	(216)		-		
			(GROSS)	kg(lb)	26	(57)		108	(238)		-		
			Panel (NET)	kg(lb)	5	(11)		-			-		
Layers limit (actually)					11 (12)			1 (2)			-		
Operation condition			Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
			Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)				(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)				flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)				5 ~ 75m (16.4 ~ 246.1)						-		
	Indoor unit & Outdoor unit height difference m (ft)				15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)				50g (0.538)						-		
Pipe length for additional gas m (ft)					30m (98.4)						-		

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-60PU2E5A×2 / U-125PE1E8A

INDOOR			MODEL	S-60PU2E5A×2			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-			
OUTDOOR			MODEL	-			U-125PE1E8A			-			
Branch pipe			MODEL	CZ-P224BK2									
Performance test condition				ISO5151 / EN14511 / EN12102									
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz						
			V	220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity		kW	12.5	12.5	12.5	-	-	-	3.3	14.0		
			BTU/h	42700	42700	42700	-	-	-	11300	47800		
	Current		A	0.36 ×2	0.35 ×2	0.34 ×2	5.30	5.05	4.85	-	-		
	Input power		W	38 ×2	38 ×2	38 ×2	3.294k	3.294k	3.294k	-	-		
			TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k		
	Annual consumption		TOTAL kWh *4	-	-	-	-	1685	-	-	-		
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-		
		SEER	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
		Class		-	-	-	-	-	-	-	-		
	Power factor		%	-	-	-	94	94	94	-	-		
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-		
			Power Level dB	51/46/43			-			-	-		
Noise outdoor		dB-A (H/L)	-			53/-			-	-			
		Power Level dB	-			70/-			-	-			
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0		
			BTU/h	47800	47800	47800	-	-	-	14000	54600		
	Current		A	0.35 ×2	0.34 ×2	0.33×2	4.80	4.55	4.40	-	-		
	Input power		W	36 ×2	36 ×2	36 ×2	2.968k	2.968k	2.968k	-	-		
			TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k		
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-		
		Tbivalent	°C	-	-	-	-	-	-	-	-		
		SCOP	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
	Power factor		%	-	-	-	94	94	94	-	-		
	Noise indoor		dB-A (H/M/L) *7	36/31/28			-			-	-		
			Power Level dB	51/46/43			-			-	-		
	Noise outdoor		dB-A (H/L)	-			53/-			-	-		
			Power Level dB	-			70/-			-	-		
	EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP			-						-		
Max Current(A) / Max Input power(W)				0.36×2/38×2	0.35×2/38×2	0.34×2/38×2	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-			
Starting current(A) / Comp output(W)				-	-	-	5.30 / 3.0k	5.05 / 3.0k	4.85 / 3.0k	-			
Network Impedance(ΩMAX.)				-			-			-			
Fan motor output (Indoor/Outdoor) W				60			90 ×2			-			
Moisture removal volume L/h(Pt/h)				3.4	(1.7×2)	(7.1)	-			-			
External static pressure Pa				-			-			-			
Indoor Air flow *7	Cooling	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2				-			-	-		
	Heating	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2				-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	-		
	Heating	m³/min (ft³/min)	-				110 (3885)			-	-		
Refrigerant type / amount (g/oz)				-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256		(10-5/64)		1416 (55-3/4)			-			
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-			
Packing dimension		Height mm(inch)	302		(11-57/64)		1556			-			
		Width mm(inch)	898		(35-3/8)		1055			-			
		Depth mm(inch)	898		(35-3/8)		485			-			
Weight		(NET) kg(lb)	20		(44)		98		(216)		-		
		(GROSS) kg(lb)	27		(60)		108		(238)		-		
		Panel (NET) kg(lb)	5		(11)		-		-		-		
Layers limit (actually)				11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-				
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-				
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)		30m (98.4)			-			-					

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-71PU2E5A / U-71PE1E8A

INDOOR			MODEL		S-71PU2E5A			-			-		
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL		-			U-71PE1E8A			-		
Branch pipe			MODEL		-			-			-		
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz					
			V		220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity		kW		7.1	7.1	7.1	-	-	-	3.2	8.0	
			BTU/h		24200	24200	24200	-	-	-	10900	27300	
			A		0.40	0.39	0.38	2.80	2.70	2.60	-	-	
	Input power		W		42	42	42	1.758k	1.758k	1.758k	-	-	
			TOTAL W		-			1.800k	1.800k	1.800k	560	2.650k	
	Annual consumption		TOTAL kWh *4		-	-	-	-	900	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.94	3.94/A	3.94	5.71	3.02	
	Erp *6	Pdesign	kW		-	-	-	-	7.1	-	-	-	
		SEER	(W/W)		-	-	-	-	7.3	-	-	-	
		Annual consumption	kWh		-	-	-	-	340	-	-	-	
		Class			-	-	-	-	A++	-	-	-	
	Power factor		%		-	-	-	95	94	94	-	-	
	Noise indoor		dB-A (H/M/L) *7		37/31/28			-			-	-	
			Power Level dB		52/46/43			-			-	-	
	Noise outdoor		dB-A (H/L)		-			48/-			-	-	
Power Level dB			-			65/-			-	-			
H E A T I N G	Capacity		kW		8.0	8.0	8.0	-	-	-	2.8	9.0	
			BTU/h		27300	27300	27300	-	-	-	9600	30700	
	Current		A		0.39	0.38	0.37	2.90	2.80	2.70	-	-	
	Input power		W		40	40	40	1.820k	1.820k	1.820k	-	-	
			TOTAL W		-			1.860k	1.860k	1.860k	500	2.850k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.30	4.30/A	4.30	5.60	3.16	
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	7.1	-	-	-	
		Tbivalent	°C		-	-	-	-	-10	-	-	-	
		SCOP	(W/W)		-	-	-	-	4.3	-	-	-	
		Annual consumption	kWh		-	-	-	-	2312	-	-	-	
	Power factor		%		-	-	-	95	94	94	-	-	
			dB-A (H/M/L) *7		37/31/28			-			-	-	
	Noise indoor		Power Level dB		52/46/43			-			-	-	
			dB-A (H/L)		-			50/-			-	-	
	Noise outdoor		Power Level dB		-			67/-			-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP													
Max Current(A) / Max Input power(W)					0.40/42	0.39/42	0.38/42	7.00 / 4.15k	7.00 / 4.36k	7.00 / 4.53k	-		
Starting current(A) / Comp output(W)					-	-	-	2.90 / 2.0k	2.80 / 2.0k	2.70 / 2.0k	-		
Network Impedance(ΩMAX.)					-							-	
Fan motor output (Indoor/Outdoor) W					60			90			-		
Moisture removal volume			L/h(Pt/h)		2.5	(5.3)			-			-	
External static pressure			Pa		-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)		22.0/16.0/13.0 (777)/(565)/(459)			-			-	-		
	Heating	m³/min (ft³/min)		22.0/16.0/13.0 (777)/(565)/(459)			-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			60 (2119)			-	-		
	Heating	m³/min (ft³/min)		-			60 (2119)			-	-		
Refrigerant type / amount g(oz)					-			R410A 2.35k (82.9)			-		
Product dimension			Height	mm(inch)	256	(10-5/64)			996 (39-7/32)			-	
			Width	mm(inch)	840	(33-5/64)			940 (37-1/32)			-	
			Depth	mm(inch)	840	(33-5/64)			340 (13-13/32)			-	
Product dimension (Panel)					H×W×D mm, inch		33.5×950×950 1-11/32 × 37-13/32 × 37-13/32		-				
Packing dimension			Height	mm(inch)	302	(11-57/64)			1136			-	
			Width	mm(inch)	898	(35-3/8)			1055			-	
			Depth	mm(inch)	898	(35-3/8)			485			-	
Weight			(NET)	kg(lb)	20	(44)			71	(157)		-	
			(GROSS)	kg(lb)	27	(60)			79	(174)		-	
			Panel (NET)	kg(lb)	5	(11)			-			-	
Layers limit (actually)					11 (12)			2 (3)			-		
Operation condition			Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
			Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)				flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)				5 ~ 50m (16.4 ~164)							-	
	Indoor unit & Outdoor unit height difference m (ft)				15m(OD located lower)/30m(OD located higher) (49.2/98.4)							-	
	Add gas amount g/m (oz/ft)				50g (0.538)							-	
Pipe length for additional gas m (ft)					30m (98.4)							-	

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-71PU2E5A×2 / U-140PE1E8A

INDOOR			MODEL	S-71PU2E5A×2			-			-		
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-		
OUTDOOR			MODEL	-			U-140PE1E8A			-		
Branch pipe			MODEL	CZ-P224BK2								
Performance test condition				ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz					
			V	220V	230V	240V	380V	400V	415V	Min	Max	
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3	15.5		
		BTU/h	47800	47800	47800	-	-	-	11300	52900		
	Current	A	0.40 ×2	0.39 ×2	0.38 ×2	6.70	6.35	6.15	-	-		
	Input power	W	42 ×2	42 ×2	42 ×2	4.156k	4.156k	4.156k	-	-		
		TOTAL W	-	-	-	4.240k	4.240k	4.240k	770	5.740k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	2120	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.30	3.30/A	3.30	4.29	2.70		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-	
		SEER	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
		Class	-	-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	94	94	94	-	-	
Noise indoor	dB-A (H/M/L) *7	37/31/28			-			-			-	
	Power Level dB	52/46/43			-			-			-	
Noise outdoor	dB-A (H/L)	-			54/-			-			-	
	Power Level dB	-			71/-			-			-	
H E A T I N G	Capacity	kW	16.0	16.0	16.0	-	-	-	4.1	18.0		
		BTU/h	54600	54600	54600	-	-	-	14000	61400		
	Current	A	0.39 ×2	0.38 ×2	0.37×2	5.90	5.60	5.40	-	-		
	Input power	W	40 ×2	40 ×2	40 ×2	3.640k	3.640k	3.640k	-	-		
		TOTAL W	-	-	-	3.720k	3.720k	3.720k	790	5.720k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.30	4.30/A	4.30	5.19	3.15		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-	
		Tbivalent	°C	-	-	-	-	-	-	-	-	
		SCOP	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	94	94	94	-	-	
	Noise indoor	dB-A (H/M/L) *7	37/31/28			-			-			-
		Power Level dB	52/46/43			-			-			-
	Noise outdoor	dB-A (H/L)	-			55/-			-			-
		Power Level dB	-			71/-			-			-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-	
Max Current(A) / Max Input power(W)			0.40×2/42×2	0.39×2/42×2	0.38×2/42×2	11.0 / 6.80k	11.0 / 7.15k	11.0 / 7.45k	-			
Starting current(A) / Comp output(W)			-	-	-	6.70 / 3.0k	6.35 / 3.0k	6.15 / 3.0k	-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-			
Moisture removal volume			L/h(Pt/h)	5.0	(2.5×2)	(10.5)	-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-			
	Heating	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-			
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			135 (4767)			-			
	Heating	m³/min (ft³/min)	-			120 (4238)			-			
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height mm(inch)	256		(10-5/64)	1416 (55-3/4)			-			
		Width mm(inch)	840		(33-5/64)	940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)	340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32	-			-			
Packing dimension		Height mm(inch)	302		(11-57/64)	1556			-			
		Width mm(inch)	898		(35-3/8)	1055			-			
		Depth mm(inch)	898		(35-3/8)	485			-			
Weight		(NET) kg(lb)	20		(44)	98		(216)	-			
		(GROSS) kg(lb)	27		(60)	108		(238)	-			
		Panel (NET) kg(lb)	5		(11)	-		-				
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)			-			-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-			
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-			
Pipe length for additional gas m (ft)		30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-100PU2E5A / U-100PE1E8A

INDOOR			MODEL		S-100PU2E5A			-			-	
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL		-			U-100PE1E8A			-	
Branch pipe			MODEL		-			-			-	
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz				
			V		220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	3.3	12.5
			BTU/h		34100	34100	34100	-	-	-	11300	42700
			A		0.82	0.79	0.76	3.60	3.45	3.35	-	-
	Current		W		100	100	100	2.240k	2.240k	2.240k	-	-
			TOTAL W		-			2.340k	2.340k	2.340k	770	3.700k
	Annual consumption		TOTAL kWh *4		-	-	-	-	1170	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.27	4.27/A	4.27	4.29	3.38
	Erp *6	Pdesign	kW		-	-	-	-	10.0	-	-	-
		SEER	(W/W)		-	-	-	-	7.4	-	-	-
		Annual consumption	kWh		-	-	-	-	473	-	-	-
		Class			-	-	-	-	A++	-	-	-
	Power factor		%		-	-	-	95	94	93	-	-
	Noise indoor		dB-A (H/M/L) *7/		45/38/32			-			-	-
			Power Level dB		60/53/47			-			-	-
	Noise outdoor		dB-A (H/L)		-			52/-			-	-
Power Level dB			-			69/-			-	-		
H E A T I N G	Capacity		kW		11.2	11.2	11.2	-	-	-	4.1	14.0
			BTU/h		38200	38200	38200	-	-	-	14000	47800
	Current		A		0.81	0.78	0.75	3.45	3.30	3.20	-	-
	Input power		W		95	95	95	2.145k	2.145k	2.145k	-	-
			TOTAL W		-			2.240k	2.240k	2.240k	790	4.400k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	5.00	5.00/A	5.00	5.19	3.18
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	10.0	-	-	-
		Tbivalent	°C		-	-	-	-	-10	-	-	-
		SCOP	(W/W)		-	-	-	-	4.8	-	-	-
		Annual consumption	kWh		-	-	-	-	2917	-	-	-
	Power factor		%		-	-	-	94	94	93	-	-
					-	-	-	-	-	-	-	-
	Noise indoor		dB-A (H/M/L) *7/		45/38/32			-			-	-
			Power Level dB		60/53/47			-			-	-
	Noise outdoor		dB-A (H/L)		-			52/-			-	-
			Power Level dB		-			69/-			-	-
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP						-			-		
Max Current(A) / Max Input power(W)			0.82/100		0.79/100	0.76/100	9.00 / 5.55k	9.00 / 5.85k	9.00 / 6.10k	-		
Starting current(A) / Comp output(W)			-		-	-	3.60 / 3.0k	3.45 / 3.0k	3.35 / 3.0k	-		
Network Impedance(ΩMAX.)						-	-			-		
Fan motor output (Indoor/Outdoor) W			90			90 ×2			-			
Moisture removal volume			L/h(Pt/h)		2.7	(5.7)		-			-	
External static pressure			Pa		-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	
	Heating	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			110 (3885)			-	-	
	Heating	m³/min (ft³/min)		-			95 (3355)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-			
Product dimension		Height	mm(inch)		319	(12-9/16)		1416 (55-3/4)		-		
		Width	mm(inch)		840	(33-5/64)		940 (37-1/32)		-		
		Depth	mm(inch)		840	(33-5/64)		340 (13-13/32)		-		
Product dimension (Panel)			H×W×D mm, inch		33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-		-		
Packing dimension		Height	mm(inch)		365	(14-3/8)		1556		-		
		Width	mm(inch)		898	(35-3/8)		1055		-		
		Depth	mm(inch)		898	(35-3/8)		485		-		
Weight		(NET)	kg(lb)		25	(55)		98	(216)		-	
		(GROSS)	kg(lb)		32	(71)		108	(238)		-	
		Panel (NET)	kg(lb)		5	(11)		-		-		
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~ 246.1)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)			30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-125PU2E5A / U-125PE1E8A

INDOOR			MODEL	S-125PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-125PE1E8A			-	
Branch pipe			MODEL	-							
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW	12.5	12.5	12.5	-	-	-	3.3	14.0
			BTU/h	42700	42700	42700	-	-	-	11300	47800
	Current		A	0.91	0.88	0.85	5.25	5.00	4.80	-	-
	Input power		W	110	110	110	3.260k	3.260k	3.260k	-	-
			TOTAL W	-			3.370k	3.370k	3.370k	770	4.600k
	Annual consumption		TOTAL kWh *4	-	-	-	-	1685	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.70	3.70/A	3.70	4.29	3.04
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	95	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7	46/39/33			-			-	-
			Power Level dB	61/54/48			-			-	-
Noise outdoor		dB-A (H/L)	-			53/-			-	-	
		Power Level dB	-			70/-			-	-	
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0
			BTU/h	47800	47800	47800	-	-	-	14000	54600
	Current		A	0.90	0.87	0.84	4.75	4.50	4.35	-	-
	Input power		W	105	105	105	2.935k	2.935k	2.935k	-	-
			TOTAL W	-			3.040k	3.040k	3.040k	790	5.040k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.60	4.60/A	4.60	5.19	3.17
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7	46/39/33			-			-	-
			Power Level dB	61/54/48			-			-	-
	Noise outdoor		dB-A (H/L)	-			53/-			-	-
			Power Level dB	-			70/-			-	-
	EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP			-						-
Max Current(A) / Max Input power(W)			0.91/110	0.88/110	0.85/110	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-		
Starting current(A) / Comp output(W)			-	-	-	5.25 / 3.0k	5.00 / 3.0k	4.80 / 3.0k	-		
Network Impedance(ΩMAX.)			-			-			-		
Fan motor output (Indoor/Outdoor) W			90			90 ×2			-		
Moisture removal volume L/h(Pt/h)			4.8	(10.1)			-			-	
External static pressure Pa			-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)				-			-	-
	Heating	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)				-			-	-
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				130 (4591)			-	-
	Heating	m³/min (ft³/min)	-				110 (3885)			-	-
Refrigerant type / amount (g(oz))			-			R410A 3.40k (119.9)			-		
Product dimension		Height mm(inch)	319	(12-9/16)			1416 (55-3/4)			-	
		Width mm(inch)	840	(33-5/64)			940 (37-1/32)			-	
		Depth mm(inch)	840	(33-5/64)			340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32			-			-	
Packing dimension		Height mm(inch)	365	(14-3/8)			1556			-	
		Width mm(inch)	898	(35-3/8)			1055			-	
		Depth mm(inch)	898	(35-3/8)			485			-	
Weight		(NET) kg(lb)	25	(55)			98	(216)		-	
		(GROSS) kg(lb)	32	(71)			108	(238)		-	
		Panel (NET) kg(lb)	5	(11)			-			-	
Layers limit (actually)			11 (12)			1 (2)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-		
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 75m (16.4 ~246.1)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)			30m (98.4)			-			-		

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single-Type

1-1. Unit Specifications

PE1

1. 4-Way Cassette Type S-140PU2E5A / U-140PE1E8A

INDOOR			MODEL		S-140PU2E5A			-				
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-				
OUTDOOR			MODEL		-			U-140PE1E8A				
Branch pipe			MODEL		-			-				
Performance test condition					ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz				
			V		220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW		14.0	14.0	14.0	-	-	-	3.3	15.5
			BTU/h		47800	47800	47800	-	-	-	11300	52900
			A		0.97	0.94	0.91	6.65	6.30	6.10	-	-
	Current		W		120	120	120	4.120k	4.120k	4.120k	-	-
			TOTAL W		-			4.240k	4.240k	4.240k	770	5.740k
	Annual consumption		TOTAL kWh *4		-	-	-	-	2120	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"-G")		-	-	-	3.30	3.30/A	3.30	4.29	2.70
	Erp *6	Pdesign	kW		-	-	-	-	-	-	-	-
		SEER	(W/W)		-	-	-	-	-	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
		Class			-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/		47/40/34			-			-	-
			Power Level dB		62/55/49			-			-	-
Noise outdoor		dB-A (H/L)		-			54/-			-	-	
		Power Level dB		-			71/-			-	-	
H E A T I N G	Capacity		kW		16.0	16.0	16.0	-	-	-	4.1	18.0
			BTU/h		54600	54600	54600	-	-	-	14000	61400
	Current		A		0.96	0.93	0.90	5.80	5.55	5.35	-	-
	Input power		W		115	115	115	3.605k	3.605k	3.605k	-	-
			TOTAL W		-			3.720k	3.720k	3.720k	790	5.720k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"-G")		-	-	-	4.30	4.30/A	4.30	5.19	3.15
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	-	-	-	-
		Tbivalent	°C		-	-	-	-	-	-	-	-
		SCOP	(W/W)		-	-	-	-	-	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/		47/40/34			-			-	-
			Power Level dB		62/55/49			-			-	-
	Noise outdoor		dB-A (H/L)		-			55/-			-	-
Power Level dB			-			71/-			-	-		
EXTRA LOW TEMP			Total capacity(kW) / Input power(W) / COP		-					-		
Max Current(A) / Max Input power(W)			0.97/120		0.94/120	0.91/120	11.0 / 6.80k	11.0 / 7.15k	11.0 / 7.45k	-		
Starting current(A) / Comp output(W)			-		-	-	6.65 / 3.0k	6.30 / 3.0k	6.10 / 3.0k	-		
Network Impedance(ΩMAX.)			-		-	-	-			-		
Fan motor output (Indoor/Outdoor) W			90		90 ×2			-				
Moisture removal volume			L/h(Pt/h)	6.0	(12.6)		-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	38.0 /29.0/20.0 (1342)/(1024)/(706)			-			-	-		
	Heating	m³/min (ft³/min)	38.0 /29.0/20.0 (1342)/(1024)/(706)			-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			135 (4767)			-	-		
	Heating	m³/min (ft³/min)	-			120 (4238)			-	-		
Refrigerant type / amount g(oz)			-		R410A 3.40k (119.9)			-				
Product dimension		Height mm(inch)	319	(12-9/16)		1416 (55-3/4)			-			
		Width mm(inch)	840	(33-5/64)		940 (37-1/32)			-			
		Depth mm(inch)	840	(33-5/64)		340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×95.0×95.0	1-11/32 × 37-13/32 × 37-13/32		-			-			
Packing dimension		Height mm(inch)	365	(14-3/8)		1556			-			
		Width mm(inch)	898	(35-3/8)		1055			-			
		Depth mm(inch)	898	(35-3/8)		485			-			
Weight		(NET) kg(lb)	25	(55)		98	(216)		-			
		(GROSS) kg(lb)	32	(71)		108	(238)		-			
		Panel (NET) kg(lb)	5	(11)		-			-			
Layers limit (actually)			11 (12)			1 (2)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-15°C ~ 46°C			-			
		Heat (DBT)	16°C ~ 30°C			-20°C ~ 24°C			-			
P I P E N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 75m (16.4 ~246.1)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)		30m (98.4)						-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-50PU2E5A×2 / U-100PEY1E5

INDOOR			MODEL	S-50PU2E5A ×2			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-	
OUTDOOR			MODEL	-			U-100PEY1E5			-	
Branch pipe			MODEL	CZ-P224BK2							
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity		kW	10.0	10.0	10.0	-	-	-	2.7	11.5
			BTU/h	34100	34100	34100	-	-	-	9200	39200
	Current		A	0.27 ×2	0.26 ×2	0.25 ×2	15.0	14.3	13.7	-	-
	Input power		W	29 ×2	29 ×2	29 ×2	3.102k	3.102k	3.102k	-	-
			TOTAL W	-			3.160k	3.160k	3.160k	530	4.200k
	Annual consumption		TOTAL kWh *4	-	-	-	-	1580	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.16	3.16/B	3.16	5.09	2.74
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.6	-	-	-
		Annual consumption	kWh	-	-	-	-	530	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7	32/29/27			-			-	-
Power Level dB			47/44/42			-			-	-	
Noise outdoor		dB-A (H/L)	-			54/-			-	-	
		Power Level dB	-			70/-			-	-	
H E A T I N G	Capacity		kW	10.0	10.0	10.0	-	-	-	2.1	13.8
			BTU/h	34100	34100	34100	-	-	-	7200	47100
	Current		A	0.26 ×2	0.25 ×2	0.24 ×2	11.2	10.8	10.3	-	-
	Input power		W	27 ×2	27 ×2	27 ×2	2.356k	2.356k	2.356k	-	-
			TOTAL W	-			2.410k	2.410k	2.410k	410	4.000k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.15	4.15/A	4.15	5.12	3.45
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-
		Tbivalent	°C	-	-	-	-	-8	-	-	-
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-
		Annual consumption	kWh	-	-	-	-	3256	-	-	-
			Class	-	-	-	-	A+	-	-	-
	Power factor		%	-	-	-	96	95	95	-	-
	Noise indoor		dB-A (H/M/L) *7	32/29/27			-			-	-
			Power Level dB	47/44/42			-			-	-
	Noise outdoor		dB-A (H/L)	-			54/-			-	-
			Power Level dB	-			70/-			-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP				-					-		
Max Current(A) / Max Input power(W)				0.27 ×2/29 ×2	0.26 ×2/29 ×2	0.25 ×2/29 ×2	25.0 / 5.30k	25.0 / 5.50k	25.0 / 5.70k	-	
Starting current(A) / Comp output(W)				-	-	-	15.0 / 1.7k	14.3 / 1.7k	13.7 / 1.7k	-	
Network Impedance(ΩMAX.)				-			-			-	
Fan motor output (Indoor/Outdoor) W				60			90			-	
Moisture removal volume			L/h(Pt/h)	3.2	(1.6×2)	(6.7)	-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2				-			-	-
	Heating	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2				-			-	-
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				76 (2684)			-	-
	Heating	m³/min (ft³/min)	-				67 (2366)			-	-
Refrigerant type / amount g(oz)				-			R410A 2.60k (91.7)			-	
Product dimension		Height mm(inch)	256		(10-5/64)		996 (39-7/32)			-	
		Width mm(inch)	840		(33-5/64)		940 (37-1/32)			-	
		Depth mm(inch)	840		(33-5/64)		340 (13-13/32)			-	
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-	
Packing dimension		Height mm(inch)	302		(11-57/64)		1136			-	
		Width mm(inch)	898		(35-3/8)		1055			-	
		Depth mm(inch)	898		(35-3/8)		485			-	
Weight		(NET) kg(lb)	19		(42)		73		(161)		-
		(GROSS) kg(lb)	26		(57)		81		(179)		-
		Panel (NET) kg(lb)	5		(11)		-		-		-
Layers limit (actually)				11 (12)			2 (3)			-	
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-		
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)		30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY2

1. 4-Way Cassette Type S-60PU2E5A / U-60PEY2E5A

INDOOR			MODEL	S-60PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 / ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-60PEY2E5			-	
Branch pipe			MODEL	-			-			-	
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz				
			V	220V	230V	240V	220V	230V	240V	Min	Max
C O O L I N G	Capacity	kW	6.0	6.0	6.0	-	-	-	2.0	7.1	
		BTU/h	20500	20500	20500	-	-	-	6800	24200	
		Current	A	0.36	0.35	0.34	8.00	7.60	7.30	-	-
	Input power	W	38	38	38	1.582k	1.582k	1.582k	-	-	
		TOTAL W				1.620k	1.620k	1.620k	250	2.200k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	810	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.70	3.70/A	3.70	8.00	3.23	
	Erp *6	Pdesign	kW	-	-	-	-	6.0	-	-	-
		SEER	(W/W)	-	-	-	-	7.0	-	-	-
		Annual consumption	kWh	-	-	-	-	300	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	90	90	90	-	-	-
	Noise indoor	dB-A (H/M/L) *7	36/31/28			-			-	-	-
		Power Level dB	51/46/43			-			-	-	-
Noise outdoor		dB-A (H/L)	-			46/-			-	-	-
	Power Level dB	-			65/-			-	-	-	
H E A T I N G	Capacity	kW	6.0	6.0	6.0	-	-	-	1.8	7.0	
		BTU/h	20500	20500	20500	-	-	-	6100	23900	
	Current	A	0.35	0.34	0.33	7.05	6.75	6.45	-	-	
	Input power	W	36	36	36	1.394k	1.394k	1.394k	-	-	-
		TOTAL W				1.430k	1.430k	1.430k	200	1.650k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.20	4.20/A	4.20	9.00	4.24	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	6.0	-	-	-
		Tbivalent	°C	-	-	-	-	-8	-	-	-
		SCOP	(W/W)	-	-	-	-	4.1	-	-	-
		Annual consumption	kWh	-	-	-	-	2047	-	-	-
	Class		-	-	-	-	A+	-	-	-	
	Power factor	%	-	-	-	90	90	90	-	-	-
	Noise indoor	dB-A (H/M/L) *7	36/31/28			-			-	-	-
		Power Level dB	51/46/43			-			-	-	-
Noise outdoor		dB-A (H/L)	-			48/-			-	-	-
	Power Level dB	-			68/-			-	-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-	
Max Current(A) / Max Input power(W)			0.36/38	0.35/38	0.34/38	16.5 / 3.27k	16.5 / 3.42k	16.5 / 3.57k	-		
Starting current(A) / Comp output(W)			-	-	-	8.00 / 1.7k	7.60 / 1.7k	7.30 / 1.7k	-		
Network Impedance(ΩMAX.)			-							-	
Fan motor output (Indoor/Outdoor) W			60			60			-		
Moisture removal volume L/h(Pt/h)			1.7	(3.6)			-			-	
External static pressure Pa			-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	21.0 / 16.0 / 13.0 (742) / (565) / (459)			-			-	-	
	Heating	m³/min (ft³/min)	21.0 / 16.0 / 13.0 (742) / (565) / (459)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			38 (1342)			-	-	
	Heating	m³/min (ft³/min)	-			41 (1448)			-	-	
Refrigerant type / amount g(oz)			-			R410A 1.95k (68.8)			-		
Product dimension		Height mm(inch)	256	(10-5/64)		619	(24-3/8)		-		
		Width mm(inch)	840	(33-5/64)		799	(31-29/64)		-		
		Depth mm(inch)	840	(33-5/64)		299	(11-49/64)		-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-		-			
Packing dimension		Height mm(inch)	302	(11-57/64)		688		-			
		Width mm(inch)	898	(35-3/8)		931		-			
		Depth mm(inch)	898	(35-3/8)		422		-			
Weight		(NET) kg(lb)	20	(44)		40	(88)		-		
		(GROSS) kg(lb)	27	(60)		45	(99)		-		
		Panel (NET) kg(lb)	5	(11)		-		-		-	
Layers limit (actually)			11 (12)			5 (6)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-		
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		3 ~ 40m (9.8 ~131.2)						-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-		
	Add gas amount g/m (oz/ft)		40g (0.430)						-		
Pipe length for additional gas m (ft)		30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-60PU2E5A×2 / U-125PEY1E5

INDOOR			MODEL	S-60PU2E5A ×2			-			-		
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-		
OUTDOOR			MODEL	-			U-125PEY1E5			-		
Branch pipe			MODEL	CZ-P224BK2								
Performance test condition				ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz					
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.8	13.5		
		BTU/h	42700	42700	42700	-	-	-	13000	46100		
	Current	A	0.36 ×2	0.35 ×2	0.34 ×2	19.0	18.2	17.4	-	-		
	Input power	W	38 ×2	38 ×2	38 ×2	3.884k	3.884k	3.884k	-	-		
		TOTAL W	-	-	-	3.960k	3.960k	3.960k	900	4.880k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	1980	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.16	3.16/B	3.16	4.22	2.77		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-	
		SEER	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
		Class	-	-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	93	93	93	-	-	
	Noise indoor	dB-A (H/M/L) *7	36/31/28			-			-	-	-	
		Power Level dB	51/46/43			-			-	-	-	
Noise outdoor	dB-A (H/L)	-			56/-			-	-	-		
	Power Level dB	-			73/-			-	-	-		
H E A T I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.4	15.0		
		BTU/h	42700	42700	42700	-	-	-	11600	51200		
	Current	A	0.35 ×2	0.34 ×2	0.33×2	14.4	13.8	13.2	-	-		
	Input power	W	36 ×2	36 ×2	36 ×2	2.978k	2.978k	2.978k	-	-		
		TOTAL W	-	-	-	3.050k	3.050k	3.050k	730	4.400k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.10	4.10/A	4.10	4.66	3.41		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-	
		Tbivalent	°C	-	-	-	-	-	-	-	-	
		SCOP	(W/W)	-	-	-	-	-	-	-	-	
		Annual consumption	kWh	-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	94	94	94	-	-	
	Noise indoor	dB-A (H/M/L) *7	36/31/28			-			-	-	-	
		Power Level dB	51/46/43			-			-	-	-	
	Noise outdoor	dB-A (H/L)	-			56/-			-	-	-	
		Power Level dB	-			73/-			-	-	-	
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-
Max Current(A) / Max Input power(W)			0.36×2/38×2	0.35×2/38×2	0.34×2/38×2	29.0 / 6.00k	29.0 / 6.30k	29.0 / 6.60k	-			
Starting current(A) / Comp output(W)			-	-	-	19.0 / 3.0k	18.2 / 3.0k	17.4 / 3.0k	-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			60			90			-			
Moisture removal volume			L/h(Pt/h)	3.4	(1.7×2)	(7.1)	-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2			-			-	-		
	Heating	m³/min (ft³/min)	21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2			-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			80 (2825)			-	-		
	Heating	m³/min (ft³/min)	-			73 (2578)			-	-		
Refrigerant type / amount (g(oz))			-			R410A 3.20k (112.9)			-			
Product dimension		Height mm(inch)	256	(10-5/64)		996 (39-7/32)			-			
		Width mm(inch)	840	(33-5/64)		940 (37-1/32)			-			
		Depth mm(inch)	840	(33-5/64)		340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-			
Packing dimension		Height mm(inch)	302	(11-57/64)		1136			-			
		Width mm(inch)	898	(35-3/8)		1055			-			
		Depth mm(inch)	898	(35-3/8)		485			-			
Weight		(NET) kg(lb)	20	(44)		85	(187)		-			
		(GROSS) kg(lb)	27	(60)		93	(205)		-			
		Panel (NET) kg(lb)	5	(11)		-			-			
Layers limit (actually)			11 (12)			2 (3)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-			
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-			
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-			
Pipe length for additional gas m (ft)		30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY2

1. 4-Way Cassette Type S-71PU2E5A / U-71PEY2E5

INDOOR			MODEL	S-71PU2E5A			-			-		
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL	-			U-71PEY2E5			-		
Branch pipe			MODEL	-			-			-		
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz					
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity		kW	7.1	7.1	7.1	-	-	-	2.0	7.7	
			BTU/h	24200	24200	24200	-	-	-	6800	26300	
			Current	A	0.40	0.39	0.38	10.7	10.3	9.85	-	-
	Input power		W	42	42	42	2.148k	2.148k	2.148k	-	-	
			TOTAL W	-			2.190k	2.190k	2.190k	250	2.650k	
	Annual consumption		TOTAL kWh *4	-	-	-	-	1095	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.24	3.24/A	3.24	8.00	2.91	
	Erp *6	Pdesign	kW	-	-	-	-	7.1	-	-	-	
		SEER	(W/W)	-	-	-	-	6.5	-	-	-	
		Annual consumption	kWh	-	-	-	-	382	-	-	-	
		Class	-	-	-	-	-	A++	-	-	-	
	Power factor		%	-	-	-	91	91	91	-	-	
	Noise indoor		dB-A (H/M/L) *7	37/31/28			-			-	-	
			Power Level dB	52/46/43			-			-	-	
	Noise outdoor		dB-A (H/L)	-			49/-			-	-	
			Power Level dB	-			69/-			-	-	
	H E A T I N G	Capacity		kW	7.1	7.1	7.1	-	-	-	1.8	8.1
				BTU/h	24200	24200	24200	-	-	-	6100	27600
Current		A	0.39	0.38	0.37	8.50	8.10	7.80	-	-		
Input power		W	40	40	40	1.680k	1.680k	1.680k	-	-		
		TOTAL W	-			1.720k	1.720k	1.720k	200	2.200k		
COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.13	4.13/A	4.13	9.00	3.68		
Erp *6		Pdesign at -10°C	kW	-	-	-	-	6.0	-	-	-	
		Tbivalent	°C	-	-	-	-	-8	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.2	-	-	-	
		Annual consumption	kWh	-	-	-	-	2002	-	-	-	
Power factor		%	-	-	-	90	90	90	-	-		
		dB-A (H/M/L) *7	37/31/28			-			-	-		
Noise indoor		Power Level dB	52/46/43			-			-	-		
		dB-A (H/L)	-			49/-			-	-		
Noise outdoor		Power Level dB	-			69/-			-	-		
		EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-	
Max Current(A) / Max Input power(W)			0.40/42	0.39/42	0.38/42	16.5/3.27k	16.5/3.42k	16.5/3.57k	-			
Starting current(A) / Comp output(W)			-	-	-	10.7/2.0k	10.3/2.0k	9.85/2.0k	-			
Network Impedance(ΩMAX.)			-									
Fan motor output (Indoor/Outdoor) W			60			60			-			
Moisture removal volume			L/h(Pt/h)	2.5	(5.3)			-				
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	22.0/16.0/13.0 (777)/(565)/(459)			-			-	-		
	Heating	m³/min (ft³/min)	22.0/16.0/13.0 (777)/(565)/(459)			-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			44 (1554)			-	-		
	Heating	m³/min (ft³/min)	-			41 (1448)			-	-		
Refrigerant type / amount g(oz)			-			R410A 1.95k (68.8)			-			
Product dimension		Height mm(inch)	256	(10-5/64)		619	(24-3/8)		-			
		Width mm(inch)	840	(33-5/64)		799	(31-29/64)		-			
		Depth mm(inch)	840	(33-5/64)		299	(11-49/64)		-			
Product dimension (Panel)			H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-		-			
Packing dimension		Height mm(inch)	302	(11-57/64)		688		-				
		Width mm(inch)	898	(35-3/8)		931		-				
		Depth mm(inch)	898	(35-3/8)		422		-				
Weight		(NET) kg(lb)	20	(44)		40	(88)		-			
		(GROSS) kg(lb)	27	(60)		45	(99)		-			
		Panel (NET) kg(lb)	5	(11)		-		-		-		
Layers limit (actually)			11 (12)			5 (6)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-			
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-			
P I P E N I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		3 ~ 40m (9.8 ~131.2)									
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)									
	Add gas amount g/m (oz/ft)		40g (0.430)									
Pipe length for additional gas m (ft)			30m (98.4)									

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-100PU2E5A / U-100PEY1E5

INDOOR			MODEL	S-100PU2E5A			-			-		
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL	-			U-100PEY1E5			-		
Branch pipe			MODEL	-								
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz	1Ø 50Hz			1Ø 50Hz					
			V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	2.7	11.5		
		BTU/h	34100	34100	34100	-	-	-	9200	39200		
	Current	A	0.82	0.79	0.76	14.8	14.2	13.6	-	-		
	Input power	W	100	100	100	3.060k	3.060k	3.060k	-	-		
		TOTAL W	-			3.160k	3.160k	3.160k	530	4.200k		
	Annual consumption	TOTAL kWh *4	-	-	-	-	1580	-	-	-		
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.16	3.16/B	3.16	5.09	2.74		
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-	
		SEER	(W/W)	-	-	-	-	6.7	-	-	-	
		Annual consumption	kWh	-	-	-	-	522	-	-	-	
		Class	-	-	-	-	-	A++	-	-	-	
	Power factor	%	-	-	-	94	94	94	-	-	-	
	Noise indoor	dB-A (H/M/L) *7	45/38/32			-			-	-	-	
		Power Level dB	60/53/47			-			-	-	-	
Noise outdoor	dB-A (H/L)	-			54/-			-	-	-		
	Power Level dB	-			70/-			-	-	-		
H E A T I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	2.1	13.8		
		BTU/h	34100	34100	34100	-	-	-	7200	47100		
	Current	A	0.81	0.78	0.75	11.0	10.6	10.2	-	-		
	Input power	W	95	95	95	2.315k	2.315k	2.315k	-	-		
		TOTAL W	-			2.410k	2.410k	2.410k	410	4.000k		
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.15	4.15/A	4.15	5.12	3.45		
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-	
		Tbivalent	°C	-	-	-	-	-8	-	-	-	
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-	
		Annual consumption	kWh	-	-	-	-	3256	-	-	-	
	Class	-	-	-	-	-	A+	-	-	-		
	Power factor	%	-	-	-	96	95	95	-	-	-	
	Noise indoor	dB-A (H/M/L) *7	45/38/32			-			-	-	-	
		Power Level dB	60/53/47			-			-	-	-	
	Noise outdoor	dB-A (H/L)	-			54/-			-	-	-	
		Power Level dB	-			70/-			-	-	-	
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-			
Max Current(A) / Max Input power(W)			0.82/100	0.79/100	0.76/100	25.0 / 5.30k	25.0 / 5.50k	25.0 / 5.70k	-			
Starting current(A) / Comp output(W)			-	-	-	14.8 / 1.7k	14.2 / 1.7k	13.6 / 1.7k	-			
Network Impedance(ΩMAX.)			-			-			-			
Fan motor output (Indoor/Outdoor) W			90			90			-			
Moisture removal volume			L/h(Pt/h)	(5.7)			-			-		
External static pressure			Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)	36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	-	
	Heating	m³/min (ft³/min)	36.0/26.0/18.0 (1271)/(918)/(636)			-			-	-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			76 (2684)			-	-	-	
	Heating	m³/min (ft³/min)	-			67 (2366)			-	-	-	
Refrigerant type / amount g(oz)			-			R410A 2.60k (91.7)			-			
Product dimension		Height mm(inch)	319		(12-9/16)	996 (39-7/32)			-			
		Width mm(inch)	840		(33-5/64)	940 (37-1/32)			-			
		Depth mm(inch)	840		(33-5/64)	340 (13-13/32)			-			
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32	-			-			
Packing dimension		Height mm(inch)	365		(14-3/8)	1136			-			
		Width mm(inch)	898		(35-3/8)	1055			-			
		Depth mm(inch)	898		(35-3/8)	485			-			
Weight		(NET) kg(lb)	25		(44)	73		(161)	-			
		(GROSS) kg(lb)	32		(71)	81		(179)	-			
		Panel (NET) kg(lb)	5		(11)	-		-	-			
Layers limit (actually)			11 (12)			2 (3)			-			
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-			
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-			
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-			
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-			
Pipe length for additional gas m (ft)			30m (98.4)			-			-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-125PU2E5A / U-125PEY1E5

INDOOR			MODEL		S-125PU2E5A			-			-		
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-		
OUTDOOR			MODEL		-			U-125PEY1E5			-		
Branch pipe			MODEL					-					
Performance test condition					ISO5151 / EN14511 / EN12102								
Power supply			Ø, Hz		1Ø 50Hz			1Ø 50Hz					
			V		220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity		kW		12.5	12.5	12.5	-	-	-	3.8	13.5	
			BTU/h		42700	42700	42700	-	-	-	13000	46100	
	Current		A		0.91	0.88	0.85	18.8	18.0	17.2	-	-	
	Input power		W		110	110	110	3.850k	3.850k	3.850k	-	-	
			TOTAL W		-			3.960k	3.960k	3.960k	900	4.880k	
	Annual consumption		TOTAL kWh *4		-	-	-	-	1980	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.16	3.16/B	3.16	4.22	2.77	
	Erp *6	Pdesign		kW		-	-	-	-	-	-	-	-
		SEER		(W/W)		-	-	-	-	-	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
		Class				-	-	-	-	-	-	-	-
	Power factor			%		-	-	-	93	93	93	-	-
	Noise indoor			dB-A (H/M/L) *7		46/39/33			-			-	-
				Power Level dB		61/54/48			-			-	-
	Noise outdoor			dB-A (H/L)		-			56/-			-	-
Power Level dB				-			73/-			-	-		
H E A T I N G	Capacity		kW		12.5	12.5	12.5	-	-	-	3.4	15.0	
			BTU/h		42700	42700	42700	-	-	-	11600	51200	
	Current		A		0.90	0.87	0.84	14.3	13.6	13.1	-	-	
	Input power		W		105	105	105	2.945k	2.945k	2.945k	-	-	
			TOTAL W		-			3.050k	3.050k	3.050k	730	4.400k	
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.10	4.10/A	4.10	4.66	3.41	
	Erp *6	Pdesign at -10°C		kW		-	-	-	-	-	-	-	-
		Tbivalent °C				-	-	-	-	-	-	-	-
		SCOP		(W/W)		-	-	-	-	-	-	-	-
		Annual consumption		kWh		-	-	-	-	-	-	-	-
	Class				-	-	-	-	-	-	-	-	-
	Power factor			%		-	-	-	94	94	94	-	-
	Noise indoor			dB-A (H/M/L) *7		46/39/33			-			-	-
				Power Level dB		61/54/48			-			-	-
	Noise outdoor			dB-A (H/L)		-			56/-			-	-
Power Level dB				-			73/-			-	-		
EXTRA LOW TEMP			Total capacity(kW) / Input power(W) / COP			-			-				
Max Current(A) / Max Input power(W)			0.91/110		0.88/110	0.85/110	29.0 / 6.00k	29.0 / 6.30k	29.0 / 6.60k	-			
Starting current(A) / Comp output(W)			-		-	-	18.8 / 3.0k	18.0 / 3.0k	17.2 / 3.0k	-			
Network Impedance(ΩMAX.)			-		-	-	-			-			
Fan motor output (Indoor/Outdoor) W			90		90			90			-		
Moisture removal volume			L/h(Pt/h)		4.8	(10.1)			-			-	
External static pressure			Pa		-			-			-		
Indoor Air flow *7	Cooling	m³/min (ft³/min)		37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-		
	Heating	m³/min (ft³/min)		37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			80 (2825)			-	-		
	Heating	m³/min (ft³/min)		-			73 (2578)			-	-		
Refrigerant type / amount g(oz)			-		-			R410A 3.20k (112.9)			-		
Product dimension			Height	mm(inch)	319	(12-9/16)		996 (39-7/32)			-		
			Width	mm(inch)	840	(33-5/64)		940 (37-1/32)			-		
			Depth	mm(inch)	840	(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)			H×W×D mm, inch		33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension			Height	mm(inch)	365	(14-3/8)		1136			-		
			Width	mm(inch)	898	(35-3/8)		1055			-		
			Depth	mm(inch)	898	(35-3/8)		485			-		
Weight			(NET)	kg(lb)	25	(55)		85	(187)		-		
			(GROSS)	kg(lb)	32	(71)		93	(205)		-		
			Panel (NET)	kg(lb)	5	(11)		-		-		-	
Layers limit (actually)			11 (12)		2 (3)		-			-			
Operation condition			Cool (DBT)		18°C ~ 32°C			-10°C ~ 43°C			-		
			Heat (DBT)		16°C ~ 30°C			-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)			30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-50PU2E5A×2 / U-100PEY1E8

INDOOR			MODEL	S-50PU2E5A ×2			-			-	
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-	
OUTDOOR			MODEL	-			U-100PEY1E8			-	
Branch pipe			MODEL	CZ-P224BK2							
Performance test condition				ISO5151 / EN14511 / EN12102 / EN14825							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	2.7	11.5	
		BTU/h	34100	34100	34100	-	-	-	9200	39200	
	Current	A	0.27 ×2	0.26 ×2	0.25 ×2	5.05	4.80	4.65	-	-	
	Input power	W	29 ×2	29 ×2	29 ×2	3.102k	3.102k	3.102k	-	-	
		TOTAL W				3.160k	3.160k	3.160k	530	4.200k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1580	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.16	3.16/B	3.16	5.09	2.74	
	Erp *6	Pdesign	kW	-	-	-	-	10.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.5	-	-	-
		Annual consumption	kWh	-	-	-	-	538	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor		%	-	-	-	93	93	93	-	-
	Noise indoor	dB-A (H/M/L) *7	32/29/27						-	-	-
		Power Level dB	47/44/42						-	-	-
Noise outdoor	dB-A (H/L)				54/-			-	-	-	
	Power Level dB				70/-			-	-	-	
H E A T I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	2.1	13.8	
		BTU/h	34100	34100	34100	-	-	-	7200	47100	
	Current	A	0.26 ×2	0.25 ×2	0.24 ×2	3.85	3.65	3.55	-	-	
	Input power	W	27 ×2	27 ×2	27 ×2	2.356k	2.356k	2.356k	-	-	
		TOTAL W				2.410k	2.410k	2.410k	410	4.000k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.15	4.15/A	4.15	5.12	3.45	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	-
		Tbivalent	°C	-	-	-	-	-8	-	-	-
		SCOP	(W/W)	-	-	-	-	4.3	-	-	-
		Annual consumption	kWh	-	-	-	-	3256	-	-	-
	Class		-	-	-	-	A+	-	-	-	
	Power factor		%	-	-	-	93	93	92	-	-
	Noise indoor	dB-A (H/M/L) *7	32/29/27						-	-	-
		Power Level dB	47/44/42						-	-	-
	Noise outdoor	dB-A (H/L)				54/-			-	-	-
		Power Level dB				70/-			-	-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP											-
Max Current(A) / Max Input power(W)			0.27 ×2/29 ×2	0.26 ×2/29 ×2	0.25 ×2/29 ×2	9.00 / 5.55k	9.00 / 5.80k	9.00 / 6.05k			
Starting current(A) / Comp output(W)			-	-	-	5.05 / 1.7k	4.80 / 1.7k	4.65 / 1.7k			
Network Impedance(ΩMAX.)											-
Fan motor output (Indoor/Outdoor) W			60			90					
Moisture removal volume			L/h(Pt/h)	3.2	(1.6×2)	(6.7)				-	
External static pressure			Pa							-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2						-	-	
	Heating	m³/min (ft³/min)	16.5×2/13.5×2/11.5×2 (583)×2/(477)×2/(406)×2						-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)				76 (2684)			-	-	
	Heating	m³/min (ft³/min)				67 (2366)			-	-	
Refrigerant type / amount g(oz)						R410A 2.60k (91.7)					
Product dimension		Height mm(inch)	256		(10-5/64)	996 (39-7/32)					
		Width mm(inch)	840		(33-5/64)	940 (37-1/32)					
		Depth mm(inch)	840		(33-5/64)	340 (13-13/32)					
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32						
Packing dimension		Height mm(inch)	302		(11-57/64)	1136					
		Width mm(inch)	898		(35-3/8)	1055					
		Depth mm(inch)	898		(35-3/8)	485					
Weight		(NET) kg(lb)	19		(42)	73		(161)			
		(GROSS) kg(lb)	26		(57)	81		(179)			
		Panel (NET) kg(lb)	5		(11)			-			
Layers limit (actually)			11 (12)			2 (3)					
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C					
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C					
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)					
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)					
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)								
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)								
	Add gas amount g/m (oz/ft)		50g (0.538)								
Pipe length for additional gas m (ft)		30m (98.4)									

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-60PU2E5A×2 / U-125PEY1E8

INDOOR			MODEL		S-60PU2E5A ×2			-			-	
PANEL			MODEL		Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-	
OUTDOOR			MODEL		-			U-125PEY1E8			-	
Branch pipe			MODEL					CZ-P224BK2				
Performance test condition					ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz				
			V		220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW		12.5	12.5	12.5	-	-	-	3.8	13.5
			BTU/h		42700	42700	42700	-	-	-	13000	46100
			A		0.36 ×2	0.35 ×2	0.34 ×2	6.25	5.95	5.75	-	-
	Input power		W		38 ×2	38 ×2	38 ×2	3.884k	3.884k	3.884k	-	-
			TOTAL W		-			3.960k	3.960k	3.960k	900	4.880k
	Annual consumption		TOTAL kWh *4		-	-	-	-	1980	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	3.16	3.16/B	3.16	4.22	2.77
	Erp *6	Pdesign	kW		-	-	-	-	-	-	-	-
		SEER	(W/W)		-	-	-	-	-	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
		Class			-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/		36/31/28			-			-	-
			Power Level dB		51/46/43			-			-	-
	Noise outdoor		dB-A (H/L)		-			56/-			-	-
Power Level dB			-			73/-			-	-		
H E A T I N G	Capacity		kW		12.5	12.5	12.5	-	-	-	3.4	15.0
			BTU/h		42700	42700	42700	-	-	-	11600	51200
	Current		A		0.35 ×2	0.34 ×2	0.33×2	4.80	4.55	4.40	-	-
	Input power		W		36 ×2	36 ×2	36 ×2	2.978k	2.978k	2.978k	-	-
			TOTAL W		-			3.050k	3.050k	3.050k	730	4.400k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"- "G")		-	-	-	4.10	4.10/A	4.10	4.66	3.41
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	-	-	-	-
		Tbivalent °C	°C		-	-	-	-	-	-	-	-
		SCOP	(W/W)		-	-	-	-	-	-	-	-
		Annual consumption	kWh		-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/		36/31/28			-			-	-
			Power Level dB		51/46/43			-			-	-
	Noise outdoor		dB-A (H/L)		-			56/-			-	-
			Power Level dB		-			73/-			-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP						-			-			
Max Current(A) / Max Input power(W)			0.36×2/38×2		0.35×2/38×2	0.34×2/38×2	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-		
Starting current(A) / Comp output(W)			-		-	-	6.25 / 3.0k	5.95 / 3.0k	5.75 / 3.0k	-		
Network Impedance(ΩMAX.)					-	-	-			-		
Fan motor output (Indoor/Outdoor) W			60			90			-			
Moisture removal volume			L/h(Pt/h)		3.4	(1.7×2)	(7.1)	-			-	
External static pressure			Pa		-			-			-	
Indoor Air flow *7/	Cooling	m³/min (ft³/min)		21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2			-			-	-	
	Heating	m³/min (ft³/min)		21.0×2/16.0×2/13.0×2 (742)×2/(565)×2/(459)×2			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)		-			80 (2825)			-	-	
	Heating	m³/min (ft³/min)		-			73 (2578)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.20k (112.9)			-			
Product dimension			Height	mm(inch)	256	(10-5/64)	996 (39-7/32)			-		
			Width	mm(inch)	840	(33-5/64)	940 (37-1/32)			-		
			Depth	mm(inch)	840	(33-5/64)	340 (13-13/32)			-		
Product dimension (Panel)			H×W×D mm, inch		33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			
Packing dimension			Height	mm(inch)	302	(11-57/64)	1136			-		
			Width	mm(inch)	898	(35-3/8)	1055			-		
			Depth	mm(inch)	898	(35-3/8)	485			-		
Weight			(NET)	kg(lb)	20	(44)	85	(187)	-			
			(GROSS)	kg(lb)	27	(60)	93	(205)	-			
			Panel (NET)	kg(lb)	5	(11)	-			-		
Layers limit (actually)			11 (12)			2 (3)			-			
Operation condition			Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-		
			Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-			
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-			
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)						-			
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)						-			
	Add gas amount g/m (oz/ft)		50g (0.538)						-			
Pipe length for additional gas m (ft)			30m (98.4)						-			

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Simultaneous (Twin) -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-71PU2E5A×2 / U-140PEY1E8

INDOOR			MODEL	S-71PU2E5A×2			-			-			
PANEL			MODEL	Standard type:CZ-KPU3 ×2 / ECONAVI type:CZ-KPU3A ×2			-			-			
OUTDOOR			MODEL	-			U-140PEY1E8			-			
Branch pipe			MODEL	CZ-P224BK2									
Performance test condition				ISO5151 / EN14511 / EN12102									
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz						
			V	220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3	15.5			
		BTU/h	47800	47800	47800	-	-	-	11300	52900			
	Current	A	0.40 ×2	0.39 ×2	0.38 ×2	6.80	6.50	6.25	-	-			
		W	42 ×2	42 ×2	42 ×2	4.226k	4.226k	4.226k	-	-			
	Input power	TOTAL W	-			4.310k	4.310k	4.310k	840	5.810k			
		TOTAL kWh *4	-	-	-	-	2155	-	-	-			
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"-G")	-	-	-	3.25	3.25/A	3.25	3.93	2.67		
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-		
		SEER	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
		Class		-	-	-	-	-	-	-	-		
	Power factor		%	-	-	-	94	94	94	-	-		
	Noise indoor	dB-A (H/M/L) *7	37/31/28			-			-	-	-		
Power Level dB		52/46/43			-			-	-	-			
Noise outdoor	dB-A (H/L)	-			54/-			-	-	-			
	Power Level dB	-			71/-			-	-	-			
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	4.1	16.0			
		BTU/h	47800	47800	47800	-	-	-	14000	54600			
	Current	A	0.39 ×2	0.38 ×2	0.37×2	5.30	5.05	4.85	-	-			
		W	40 ×2	40 ×2	40 ×2	3.290k	3.290k	3.290k	-	-			
	Input power	TOTAL W	-			3.370k	3.370k	3.370k	900	5.200k			
		TOTAL (W/W) *5/ ("A"-G")	-	-	-	4.15	4.15/A	4.15	4.56	3.08			
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-		
		Tbivalent	°C	-	-	-	-	-	-	-	-		
		SCOP	(W/W)	-	-	-	-	-	-	-	-		
		Annual consumption	kWh	-	-	-	-	-	-	-	-		
	Power factor	%	-	-	-	94	94	94	-	-	-		
		Noise indoor	dB-A (H/M/L) *7	37/31/28			-			-	-	-	
	Power Level dB		52/46/43			-			-	-	-		
	Noise outdoor	dB-A (H/L)	-			53/-			-	-	-		
		Power Level dB	-			70/-			-	-	-		
	EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-								-	
	Max Current(A) / Max Input power(W)			0.40×2/42×2	0.39×2/42×2	0.38×2/42×2	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-			
Starting current(A) / Comp output(W)			-	-	-	6.80 / 3.0k	6.50 / 3.0k	6.25 / 3.0k	-				
Network Impedance(ΩMAX.)			-			-			-				
Fan motor output (Indoor/Outdoor) W			60			90 ×2			-				
Moisture removal volume			L/h(Pt/h)	5.0	(2.5×2)	(10.5)	-			-			
External static pressure			Pa	-			-			-			
Indoor Air flow *7	Cooling	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-	-			
	Heating	m³/min (ft³/min)	22.0×2/16.0×2/13.0×2 (777)×2/(565)×2/(459)×2			-			-	-			
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			135 (4767)			-	-			
	Heating	m³/min (ft³/min)	-			120 (4238)			-	-			
Refrigerant type / amount g(oz)			-			R410A 3.40k (119.9)			-				
Product dimension		Height mm(inch)	256		(10-5/64)	1416 (55-3/4)			-				
		Width mm(inch)	840		(33-5/64)	940 (37-1/32)			-				
		Depth mm(inch)	840		(33-5/64)	340 (13-13/32)			-				
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950		1-11/32 × 37-13/32 × 37-13/32	-			-				
Packing dimension		Height mm(inch)	302		(11-57/64)	1556			-				
		Width mm(inch)	898		(35-3/8)	1055			-				
		Depth mm(inch)	898		(35-3/8)	485			-				
Weight		(NET) kg(lb)	20		(44)	98		(216)	-				
		(GROSS) kg(lb)	27		(60)	108		(238)	-				
		Panel (NET) kg(lb)	5		(11)	-		-		-			
Layers limit (actually)			11 (12)			1 (2)			-				
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-				
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-				
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-				
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-				
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-				
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-				
Pipe length for additional gas m (ft)			30m (98.4)			-			-				

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-100PU2E5A / U-100PEY1E8

INDOOR			MODEL		S-100PU2E5A			-			-			
PANEL			MODEL		Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-			
OUTDOOR			MODEL		-			U-100PEY1E8			-			
Branch pipe			MODEL		-			-			-			
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825									
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz						
			V		220V	230V	240V	380V	400V	415V	Min	Max		
C O O L I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	2.7	11.5		
			BTU/h		34100	34100	34100	-	-	-	9200	39200		
	Current		A		0.82	0.79	0.76	5.00	4.75	4.60	-	-		
			W		100	100	100	3.060k	3.060k	3.060k	-	-		
	Input power		TOTAL W		-			3.160k	3.160k	3.160k	530	4.200k		
			TOTAL kWh *4		-	-	-	-	1580	-	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5 / ("A"- "G")		-	-	-	3.16	3.16/B	3.16	5.09	2.74		
	Erp *6	Pdesign	kW		-	-	-	-	10.0	-	-	-	-	
		SEER	(W/W)		-	-	-	-	6.6	-	-	-	-	
		Annual consumption	kWh		-	-	-	-	530	-	-	-	-	
		Class			-	-	-	-	A++	-	-	-	-	
	Power factor		%		-	-	-	93	93	93	-	-	-	
	Noise indoor		dB-A (H/M/L) *7		45/38/32			-			-	-	-	
			Power Level dB		60/53/47			-			-	-	-	
Noise outdoor		dB-A (H/L)		-			54/-			-	-	-		
		Power Level dB		-			70/-			-	-	-		
H E A T I N G	Capacity		kW		10.0	10.0	10.0	-	-	-	2.1	13.8		
			BTU/h		34100	34100	34100	-	-	-	7200	47100		
	Current		A		0.81	0.78	0.75	3.80	3.60	3.50	-	-		
			W		95	95	95	2.315k	2.315k	2.315k	-	-		
	Input power		TOTAL W		-			2.410k	2.410k	2.410k	410	4.000k		
			TOTAL (W/W) *5 / ("A"- "G")		-	-	-	4.15	4.15/A	4.15	5.12	3.45		
	Erp *6	Pdesign at -10°C	kW		-	-	-	-	10.0	-	-	-	-	
		Tbivalent	°C		-	-	-	-	-8	-	-	-	-	
		SCOP	(W/W)		-	-	-	-	4.3	-	-	-	-	
		Annual consumption	kWh		-	-	-	-	3256	-	-	-	-	
	Power factor		%		-	-	-	93	93	92	-	-	-	
			dB-A (H/M/L) *7		45/38/32			-			-	-	-	
	Noise indoor		Power Level dB		60/53/47			-			-	-	-	
			dB-A (H/L)		-			54/-			-	-	-	
Noise outdoor		Power Level dB		-			70/-			-	-	-		
		EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP												
Max Current(A) / Max Input power(W)					0.82/100	0.79/100	0.76/100	9.00 / 5.55k	9.00 / 5.80k	9.00 / 6.05k	-			
Starting current(A) / Comp output(W)					-	-	-	5.00 / 1.7k	4.75 / 1.7k	4.55 / 1.7k	-			
Network Impedance(ΩMAX.)					-							-		
Fan motor output (Indoor/Outdoor) W					90							-		
Moisture removal volume			L/h(Pt/h)		2.7	(5.7)		-			-			
External static pressure					Pa		-							
Indoor Air flow *7	Cooling	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)				-			-	-		
	Heating	m³/min (ft³/min)		36.0/26.0/18.0 (1271)/(918)/(636)				-			-	-		
Outdoor Air flow	Cooling	m³/min (ft³/min)		-				76 (2684)			-	-		
	Heating	m³/min (ft³/min)		-				67 (2366)			-	-		
Refrigerant type / amount g(oz)					-				R410A 2.60k (91.7)			-		
Product dimension		Height	mm(inch)		319		(12-9/16)		996 (39-7/32)			-		
		Width	mm(inch)		840		(33-5/64)		940 (37-1/32)			-		
		Depth	mm(inch)		840		(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)			H×W×D mm, inch		33.5×950×950		1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height	mm(inch)		365		(14-3/8)		1136			-		
		Width	mm(inch)		898		(35-3/8)		1055			-		
		Depth	mm(inch)		898		(35-3/8)		485			-		
Weight		(NET)	kg(lb)		25		(55)		73		(161)			
		(GROSS)	kg(lb)		32		(71)		81		(179)			
		Panel (NET)	kg(lb)		5		(11)		-		-			
Layers limit (actually)					11 (12)				2 (3)			-		
Operation condition			Cool (DBT)		18°C ~ 32°C				-10°C ~ 43°C			-		
			Heat (DBT)		16°C ~ 30°C				-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				-	
	Connecting method, Standard length m(ft)				flared type, 5.0(16.4)				flared type, 5.0(16.4)				-	
	Pipe length range m (ft)				5 ~ 50m (16.4 ~164)				-				-	
	Indoor unit & Outdoor unit height difference m (ft)				15m(OD located lower)/30m(OD located higher) (49.2/98.4)				-				-	
	Add gas amount g/m (oz/ft)				50g (0.538)				-				-	
Pipe length for additional gas m (ft)					30m (98.4)				-				-	

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-125PU2E5A / U-125PEY1E8

INDOOR			MODEL	S-125PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-125PEY1E8			-	
Branch pipe			MODEL	-							
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.8	13.5	
		BTU/h	42700	42700	42700	-	-	-	13000	46100	
	Current	A	0.91	0.88	0.85	6.20	5.90	5.70	-	-	
	Input power	W	110	110	110	3.850k	3.850k	3.850k	-	-	
		TOTAL W	-			3.960k	3.960k	3.960k	900	4.880k	
	Annual consumption	TOTAL kWh *4	-	-	-	-	1980	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.16	3.16/B	3.16	4.22	2.77	
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class		-	-	-	-	-	-	-	-
	Power factor	%	-	-	-	-	94	94	94	-	-
	Noise indoor	dB-A (H/M/L) *7	46/39/33			-			-	-	-
		Power Level dB	61/54/48			-			-	-	-
Noise outdoor	dB-A (H/L)	-			56/-			-	-	-	
	Power Level dB	-			73/-			-	-	-	
H E A T I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.4	15.0	
		BTU/h	42700	42700	42700	-	-	-	11600	51200	
	Current	A	0.90	0.87	0.84	4.75	4.50	4.35	-	-	
	Input power	W	105	105	105	2.945k	2.945k	2.945k	-	-	
		TOTAL W	-			3.050k	3.050k	3.050k	730	4.400k	
	COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	4.10	4.10/A	4.10	4.66	3.41	
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent	°C	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Class		-	-	-	-	-	-	-	-	
	Power factor	%	-	-	-	-	94	94	94	-	-
	Noise indoor	dB-A (H/M/L) *7	46/39/33			-			-	-	-
		Power Level dB	61/54/48			-			-	-	-
	Noise outdoor	dB-A (H/L)	-			56/-			-	-	-
		Power Level dB	-			73/-			-	-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-						-		
Max Current(A) / Max Input power(W)			0.91/110	0.88/110	0.85/110	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-		
Starting current(A) / Comp output(W)			-	-	-	6.20 / 3.0k	5.90 / 3.0k	5.70 / 3.0k	-		
Network Impedance(ΩMAX.)			-			-			-		
Fan motor output (Indoor/Outdoor) W			90			90			-		
Moisture removal volume			L/h(Pt/h)	4.8	(10.1)	-			-		
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-	
	Heating	m³/min (ft³/min)	37.0/27.0/19.0 (1307)/(953)/(671)			-			-	-	
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			80 (2825)			-	-	
	Heating	m³/min (ft³/min)	-			73 (2578)			-	-	
Refrigerant type / amount g(oz)			-			R410A 3.20k (112.9)			-		
Product dimension		Height mm(inch)	319	(12-9/16)		996 (39-7/32)			-		
		Width mm(inch)	840	(33-5/64)		940 (37-1/32)			-		
		Depth mm(inch)	840	(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)		H×W×D mm, inch	33.5×950×950	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height mm(inch)	365	(14-3/8)		1136			-		
		Width mm(inch)	898	(35-3/8)		1055			-		
		Depth mm(inch)	898	(35-3/8)		485			-		
Weight		(NET) kg(lb)	25	(55)		85	(187)		-		
		(GROSS) kg(lb)	32	(71)		93	(205)		-		
		Panel (NET) kg(lb)	5	(11)		-			-		
Layers limit (actually)			11 (12)			2 (3)			-		
Operation condition		Cool (DBT)	18°C ~ 32°C			-10°C ~ 43°C			-		
		Heat (DBT)	16°C ~ 30°C			-15°C ~ 24°C			-		
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-		
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)			flared type, 5.0(16.4)			-		
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)			-			-		
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)			-			-		
	Add gas amount g/m (oz/ft)		50g (0.538)			-			-		
Pipe length for additional gas m (ft)			30m (98.4)			-			-		

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

Single -Type

1-1. Unit Specifications

PEY1

1. 4-Way Cassette Type S-140PU2E5A / U-140PEY1E8

INDOOR			MODEL	S-140PU2E5A			-			-	
PANEL			MODEL	Standard type:CZ-KPU3:ECONAVI type:CZ-KPU3A			-			-	
OUTDOOR			MODEL	-			U-140PEY1E8			-	
Branch pipe			MODEL	-			-			-	
Performance test condition				ISO5151 / EN14511 / EN12102							
Power supply			Ø, Hz	1Ø 50Hz			3Ø 50Hz				
			V	220V	230V	240V	380V	400V	415V	Min	Max
C O O L I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	3.3	15.5
			BTU/h	47800	47800	47800	-	-	-	11300	52900
			Current	A	0.97	0.94	0.91	6.75	6.40	6.20	-
	Input power		W	120	120	120	4.190k	4.190k	4.190k	-	-
			TOTAL W	-			4.310k	4.310k	4.310k	840	5.810k
	Annual consumption		TOTAL kWh *4	-	-	-	-	2155	-	-	-
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	3.25	3.25/A	3.25	3.93	2.67
	Erp *6	Pdesign	kW	-	-	-	-	-	-	-	-
		SEER	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
		Class	-	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/	47/40/34			-			-	-
			Power Level dB	62/55/49			-			-	-
Noise outdoor		dB-A (H/L)	-			54/-			-	-	
		Power Level dB	-			71/-			-	-	
H E A T I N G	Capacity		kW	14.0	14.0	14.0	-	-	-	4.1	16.0
			BTU/h	47800	47800	47800	-	-	-	14000	54600
	Current		A	0.96	0.93	0.90	5.25	5.00	4.80	-	-
	Input power		W	115	115	115	3.255k	3.255k	3.255k	-	-
			TOTAL W	-			3.370k	3.370k	3.370k	900	5.200k
	COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.15	4.15/A	4.15	4.56	3.08
	Erp *6	Pdesign at -10°C	kW	-	-	-	-	-	-	-	-
		Tbivalent °C	-	-	-	-	-	-	-	-	-
		SCOP	(W/W)	-	-	-	-	-	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	94	94	94	-	-
	Noise indoor		dB-A (H/M/L) *7/	47/40/34			-			-	-
			Power Level dB	62/55/49			-			-	-
	Noise outdoor		dB-A (H/L)	-			53/-			-	-
			Power Level dB	-			70/-			-	-
EXTRA LOW TEMP Total capacity(kW) / Input power(W) / COP			-							-	
Max Current(A) / Max Input power(W)			0.97/120	0.94/120	0.91/120	10.0 / 6.20k	10.0 / 6.50k	10.0 / 6.75k	-		
Starting current(A) / Comp output(W)			-	-	-	6.75 / 3.0k	6.40 / 3.0k	6.20 / 3.0k	-		
Network Impedance(ΩMAX.)			-							-	
Fan motor output (Indoor/Outdoor) W			90				90 ×2			-	
Moisture removal volume			L/h(Pt/h)	6.0	(12.6)		-			-	
External static pressure			Pa	-			-			-	
Indoor Air flow *7	Cooling	m³/min (ft³/min)	38.0/29.0/20.0 (1342)/(1024)/(706)				-			-	-
	Heating	m³/min (ft³/min)	38.0/29.0/20.0 (1342)/(1024)/(706)				-			-	-
Outdoor Air flow	Cooling	m³/min (ft³/min)	-				135 (4767)			-	-
	Heating	m³/min (ft³/min)	-				120 (4238)			-	-
Refrigerant type / amount g(oz)			-				R410A 3.40k (119.9)			-	
Product dimension		Height mm(inch)	319	(12-9/16)		1416 (55-3/4)			-		
		Width mm(inch)	840	(33-5/64)		940 (37-1/32)			-		
		Depth mm(inch)	840	(33-5/64)		340 (13-13/32)			-		
Product dimension (Panel)		H×W×D mm, inch	33.5×95.0×95.0	1-11/32 × 37-13/32 × 37-13/32		-			-		
Packing dimension		Height mm(inch)	365	(14-3/8)		1556			-		
		Width mm(inch)	898	(35-3/8)		1055			-		
		Depth mm(inch)	898	(35-3/8)		485			-		
Weight		(NET) kg(lb)	25	(55)		98	(216)		-		
		(GROSS) kg(lb)	32	(71)		108	(238)		-		
		Panel (NET) kg(lb)	5	(11)		-			-		
Layers limit (actually)			11 (12)				1 (2)			-	
Operation condition		Cool (DBT)	18°C ~ 32°C				-10°C ~ 43°C			-	
		Heat (DBT)	16°C ~ 30°C				-15°C ~ 24°C			-	
P I P I N G	Pipe diameter mm (inch)		(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)				-
	Connecting method, Standard length m(ft)		flared type, 5.0(16.4)				flared type, 5.0(16.4)				-
	Pipe length range m (ft)		5 ~ 50m (16.4 ~164)				-				
	Indoor unit & Outdoor unit height difference m (ft)		15m(OD located lower)/30m(OD located higher) (49.2/98.4)				-				
	Add gas amount g/m (oz/ft)		50g (0.538)				-				
Pipe length for additional gas m (ft)		30m (98.4)				-					

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low"temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

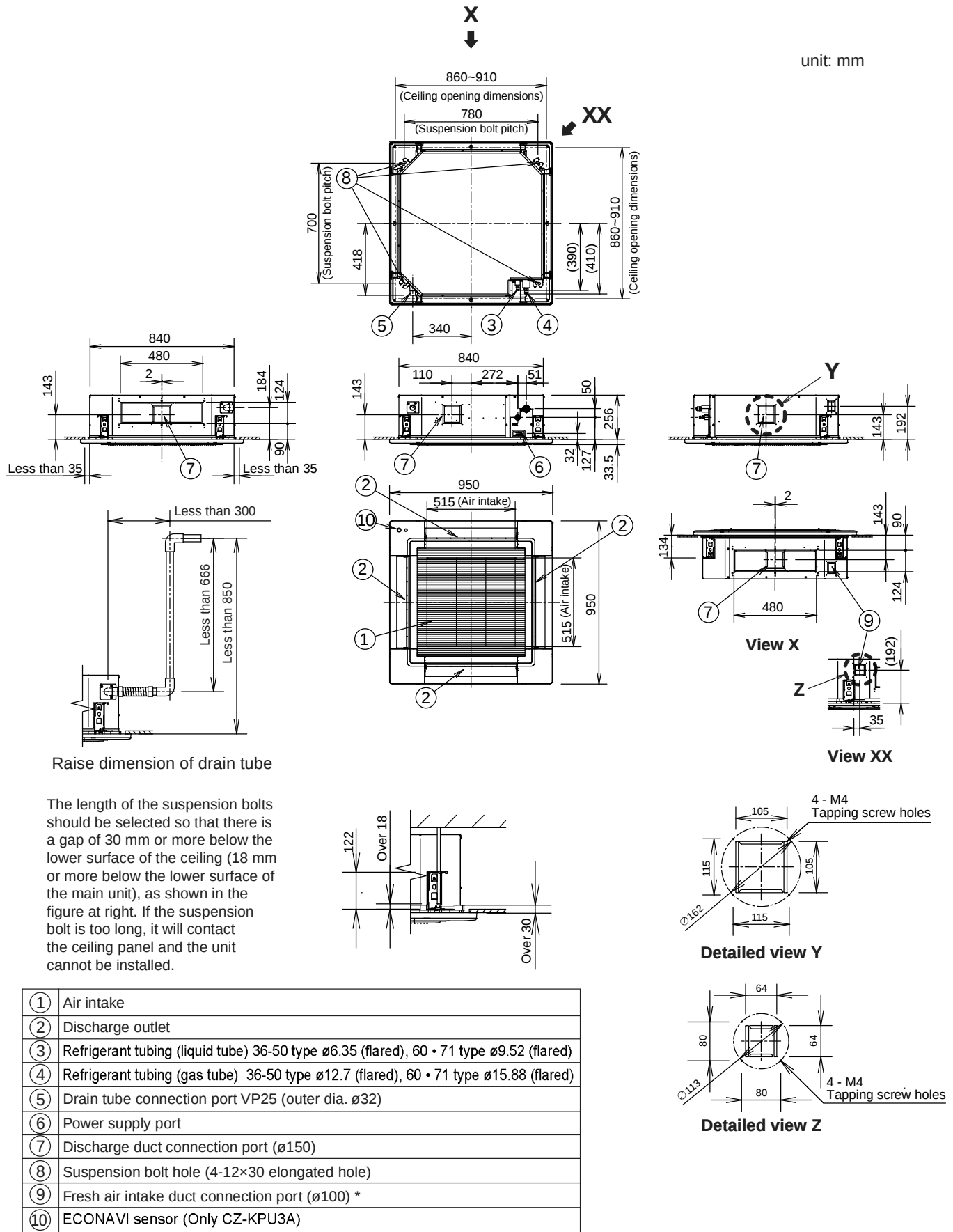
*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet

*7 H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

1-2. Dimensional Data

(A) Indoor Units: S-36PU2E5A / S-45PU2E5A / S-50PU2E5A / S-60PU2E5A / S-71PU2E5A

unit: mm



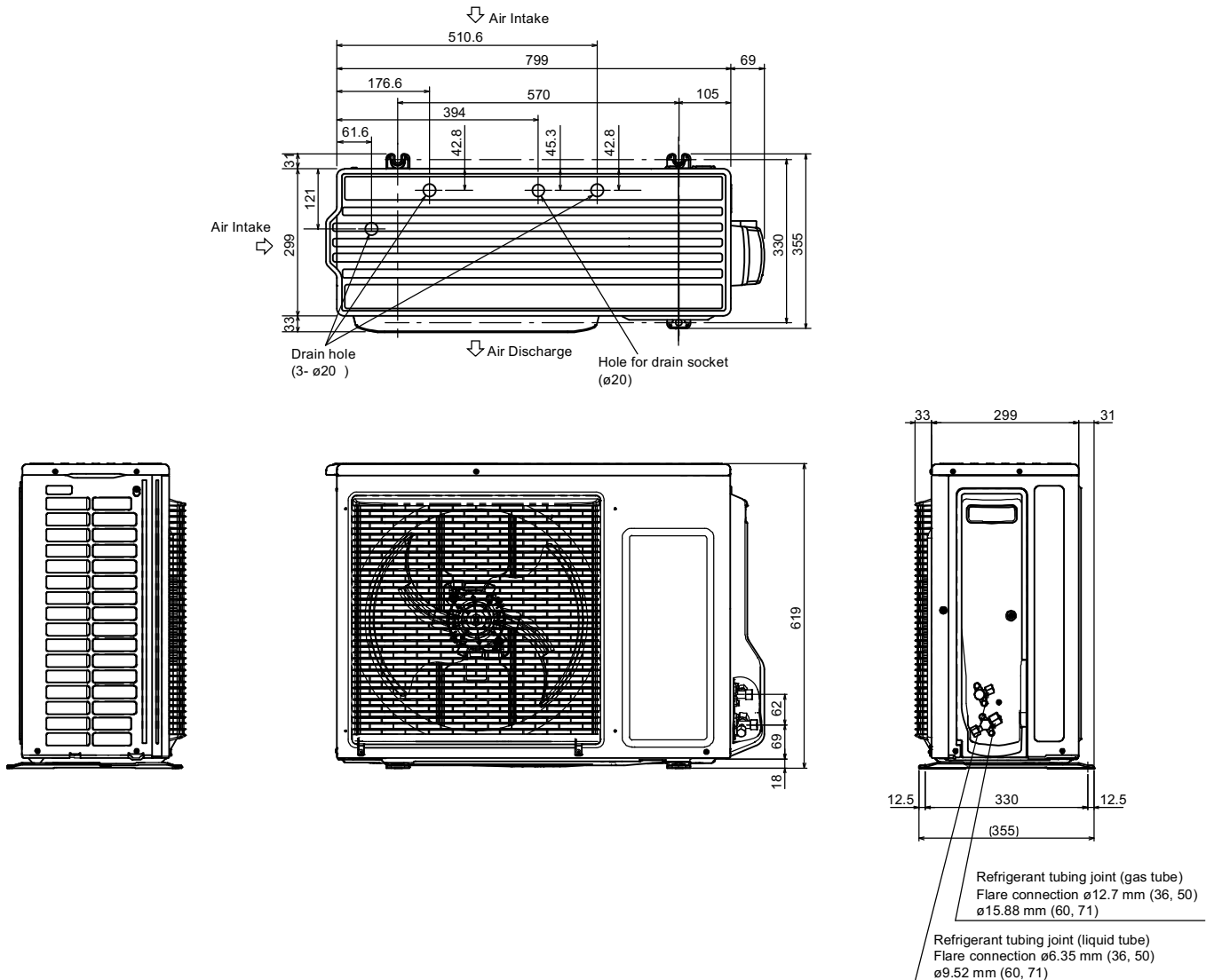
* Necessary to attach duct connecting flange(field supplied).

<Filter dimension>

520 x 520 x 15

1-2. Dimensional Data

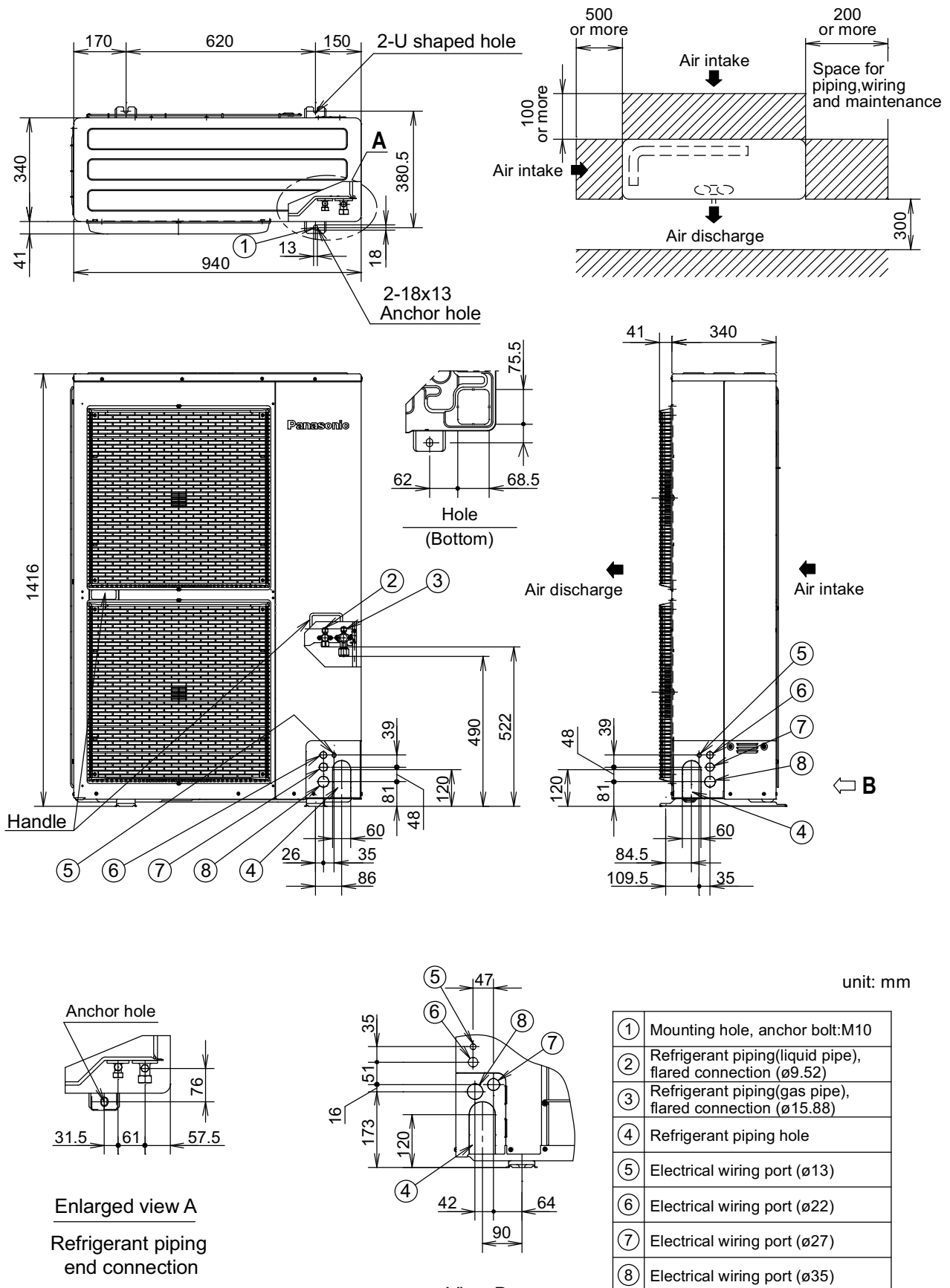
(B) Outdoor Unit: U-36PE2E5A / U-50PE2E5A / U-60PE2E5A
U-60PEY2E5 / U-71PEY2E5



1-2. Dimensional Data

(B) Outdoor Units: U-100PE1E5A / U-125PE1E5A / U-140PE1E5A

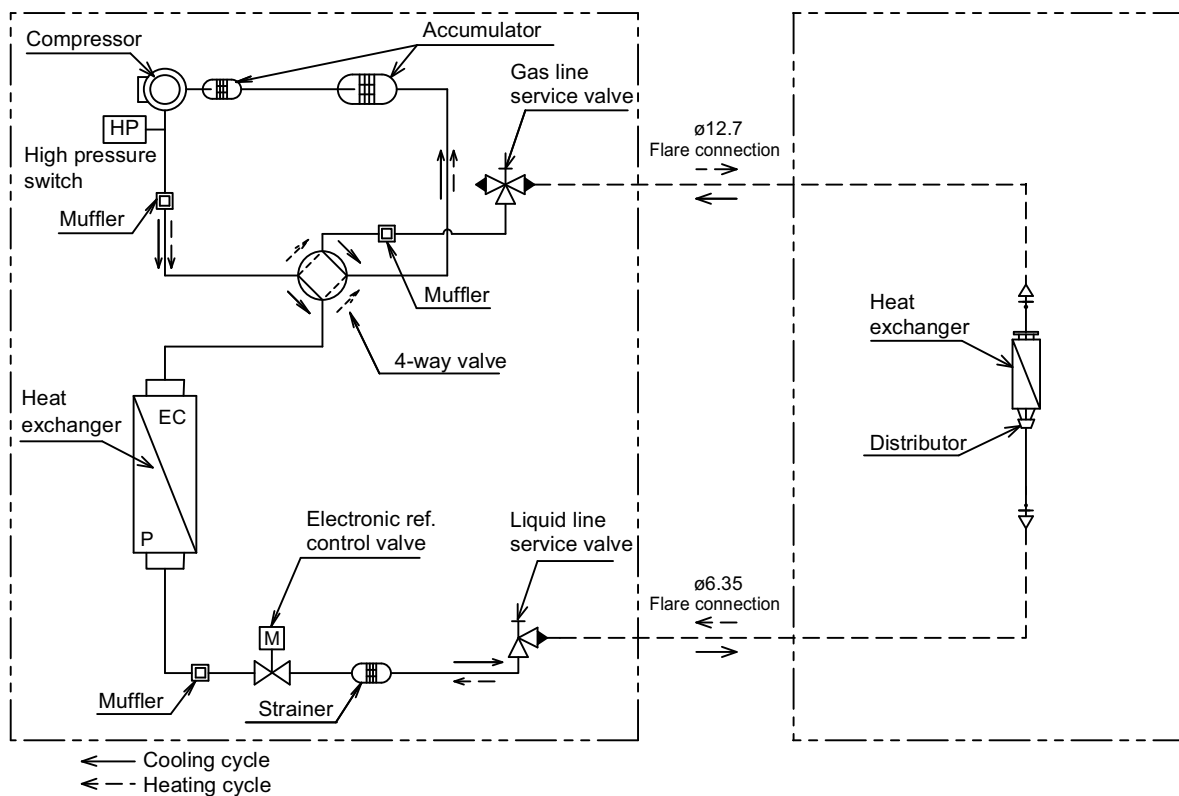
U-100PE1E8A / U-125PE1E8A / U-140PE1E8A / U-140PEY1E8



1-3. Refrigerant Flow Diagram

Outdoor Unit: U-36PE2E5A / U-50PE2E5A

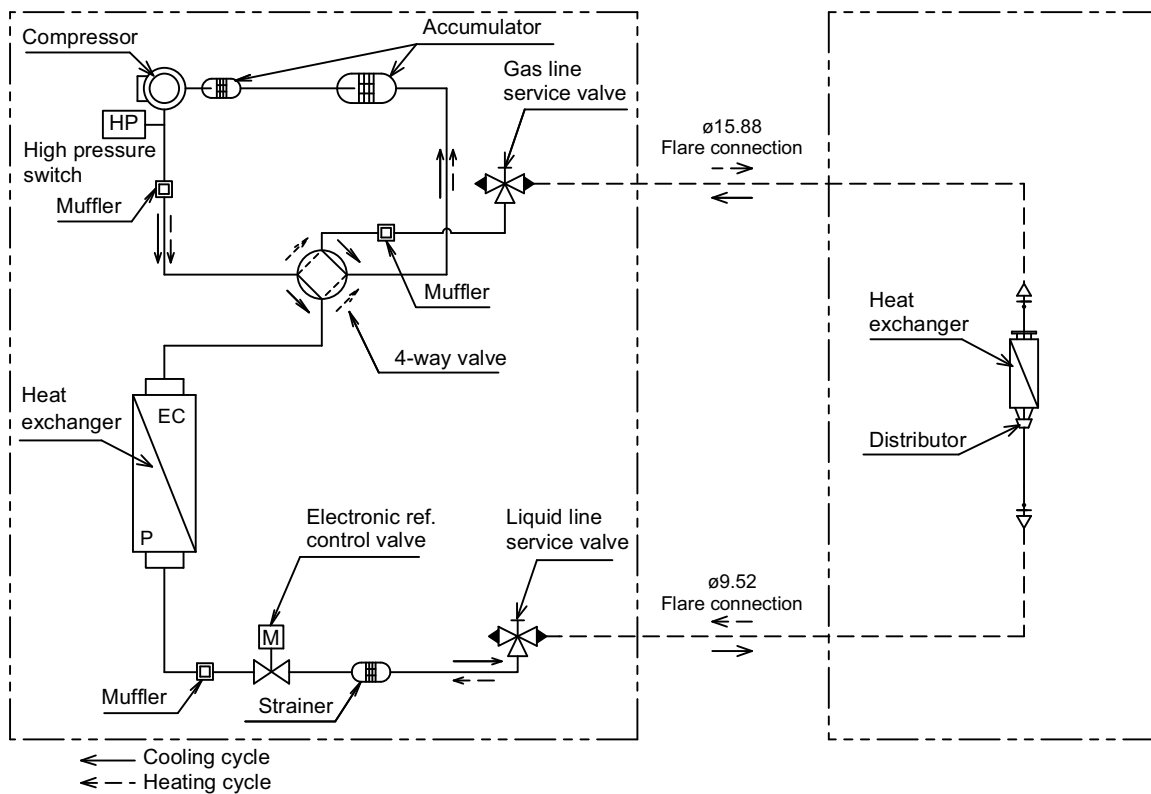
Indoor Unit:



Outdoor Unit : U-60PE2E5A

U-60PEY2E5 / U-71PEY2E5

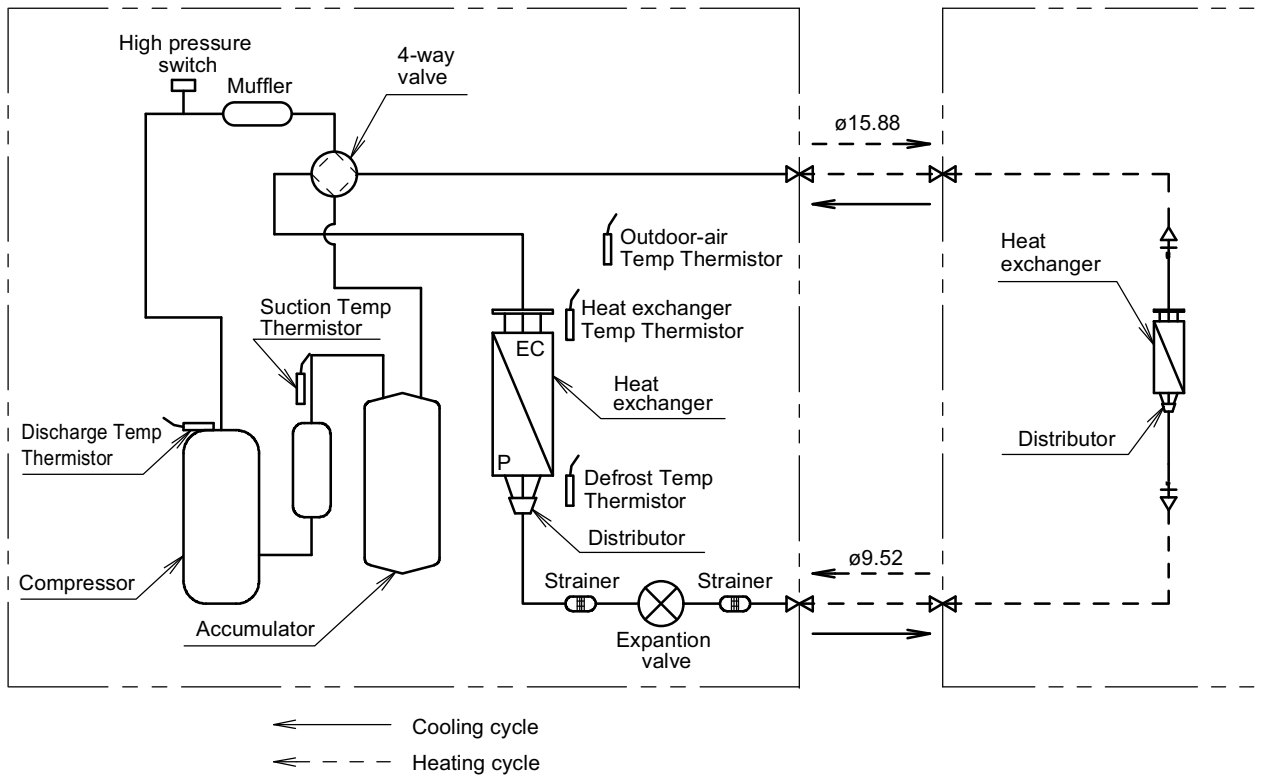
Indoor Unit:



1-3. Refrigerant Flow Diagram

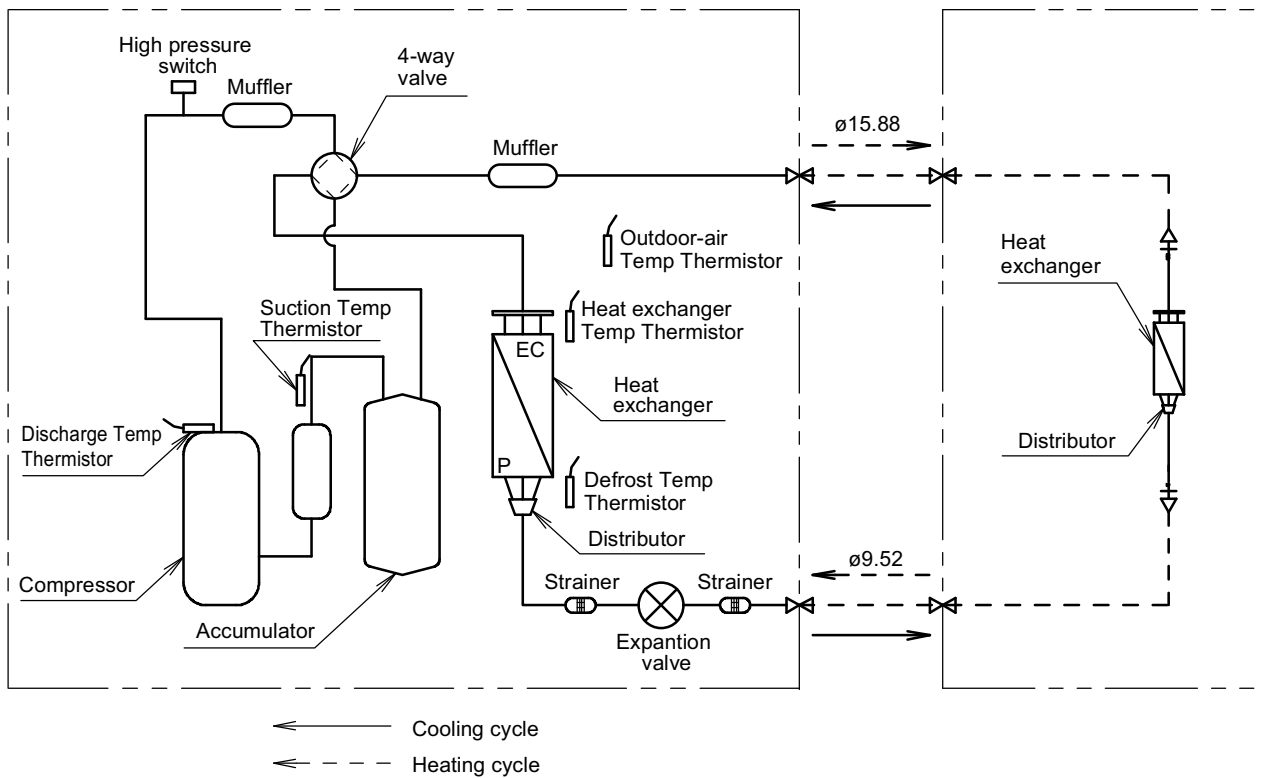
Outdoor Units: U-71PE1E5A
U-71PE1E8A

Indoor Unit



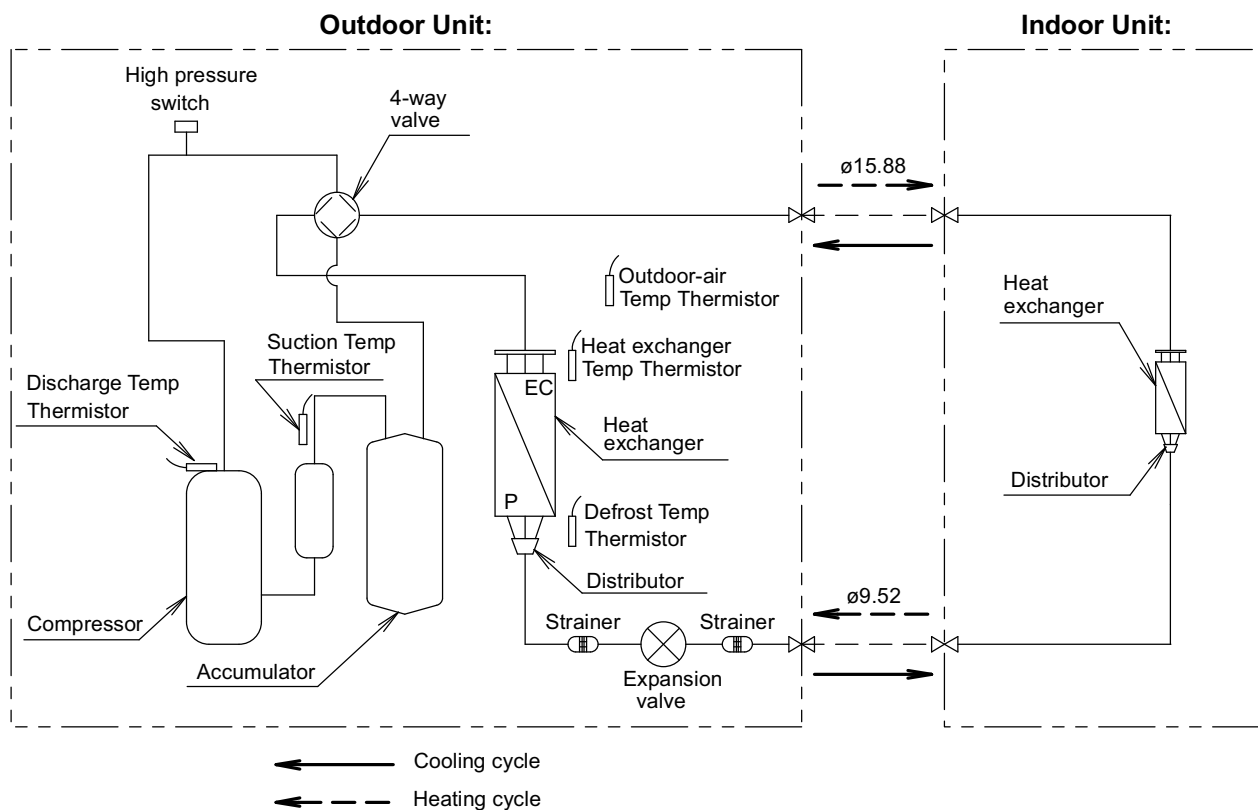
Outdoor Units: U-100PE1E5A / U-125PE1E5A / U-140PE1E5A
U-100PE1E8A / U-125PE1E8A / U-140PE1E8A / U-140PEY1E8

Indoor Unit

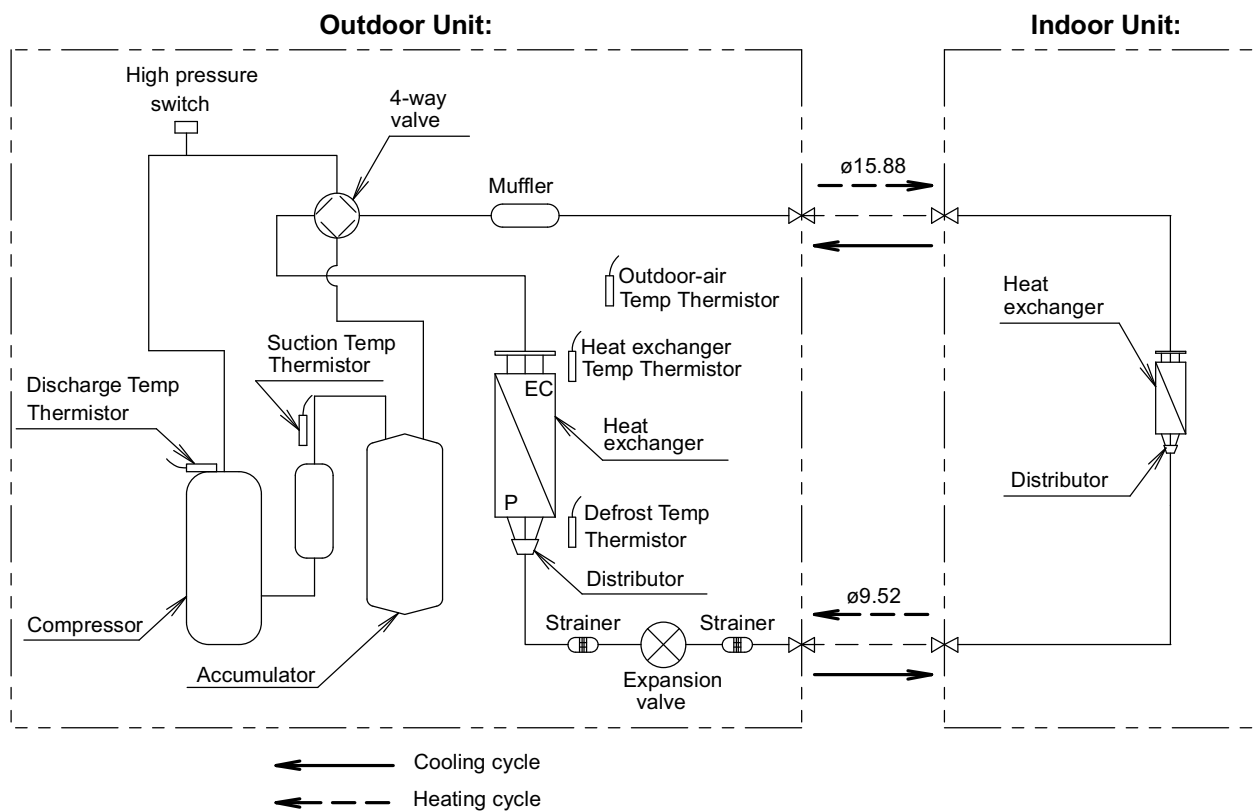


1-3. Refrigerant Flow Diagram

Outdoor Units: U-100PEY1E5 / U-100PEY1E8



Outdoor Units: U-125PEY1E5 / U-125PEY1E8



1-4. Operating Range

Type PE1

	Temperature	Indoor air intake temp.	Outdoor air intake temp.
Cooling	Maximum	32°C DB / 25°C WB	46°C DB
	Minimum	18°C DB / 14°C WB	-15°C DB
Heating	Maximum	30°C DB / – WB	24°C DB / 18°C WB
	Minimum	16°C DB / – WB	-20°C DB / -20°C WB

Type PEY1

	Temperature	Indoor air intake temp.	Outdoor air intake temp.
Cooling	Maximum	32°C DB / 25°C WB	43°C DB
	Minimum	18°C DB / 14°C WB	-10°C DB
Heating	Maximum	30°C DB / – WB	24°C DB / 18°C WB
	Minimum	16°C DB / – WB	-15°C DB / -15°C WB

Type PE2

	Temperature	Indoor air intake temp.	Outdoor air intake temp.
Cooling	Maximum	32°C DB / 25°C WB	46°C DB
	Minimum	18°C DB / 14°C WB	-15°C DB
Heating	Maximum	30°C DB / – WB	24°C DB / 18°C WB
	Minimum	16°C DB / – WB	-20°C DB / -20°C WB

Type PEY2

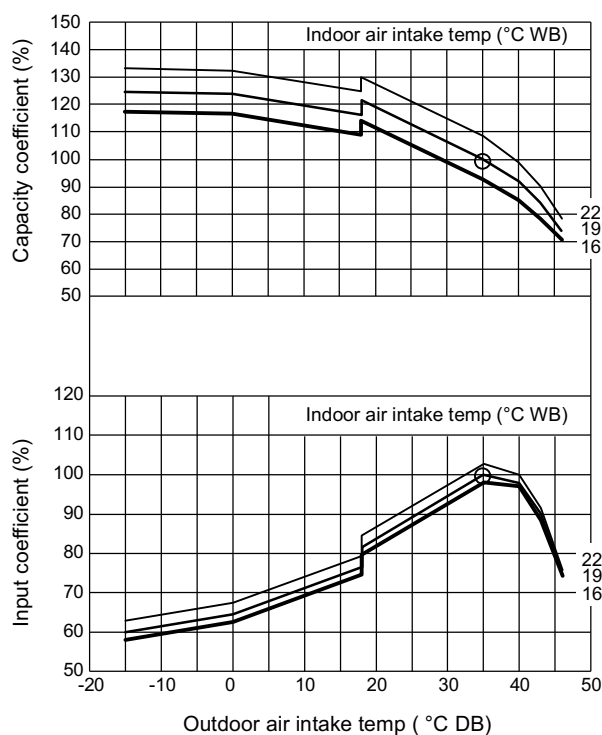
	Temperature	Indoor air intake temp.	Outdoor air intake temp.
Cooling	Maximum	32°C DB / 25°C WB	43°C DB
	Minimum	18°C DB / 14°C WB	-10°C DB
Heating	Maximum	30°C DB / – WB	24°C DB / 18°C WB
	Minimum		-15°C DB / -15°C WB

1-5. Capacity Correction Graph According to Temperature Condition

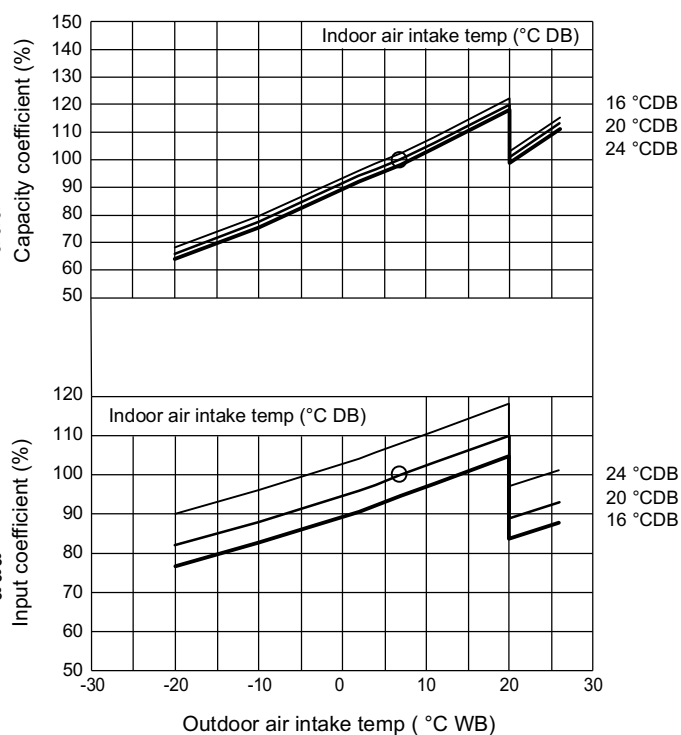
PE2

U-36PE2E5A (For 50 Hz)

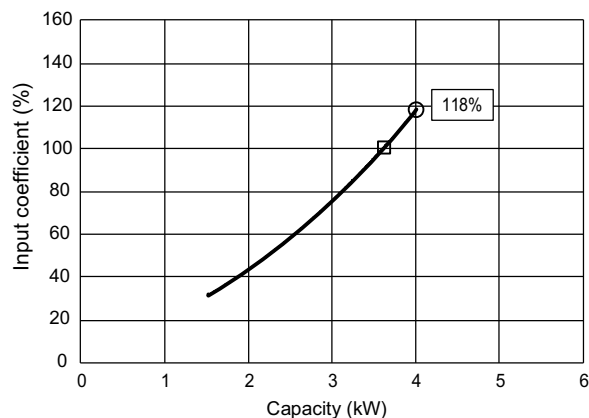
Cooling capacity ratio (maximum capacity)



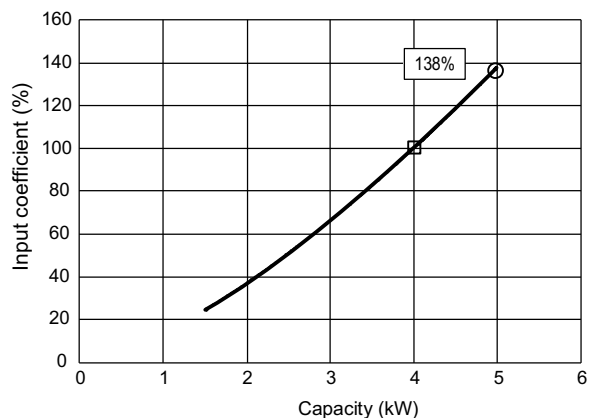
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0
Correction coefficient	0.966	0.966	0.962	0.958	0.954	0.946	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.915	0.905	0.900	0.895	0.890	0.874

Outdoor intake air temperature °C WB	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Correction coefficient	0.888	0.902	0.916	0.930	0.944	0.958	0.972	0.986	1.000

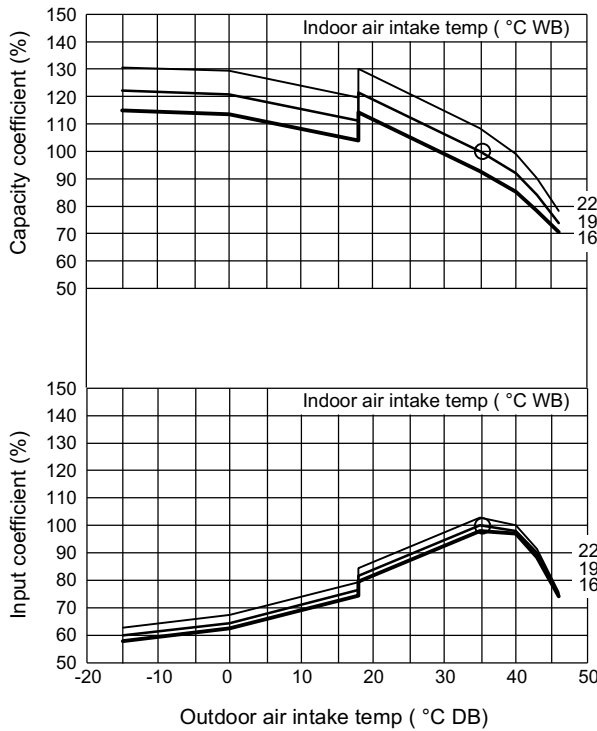
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

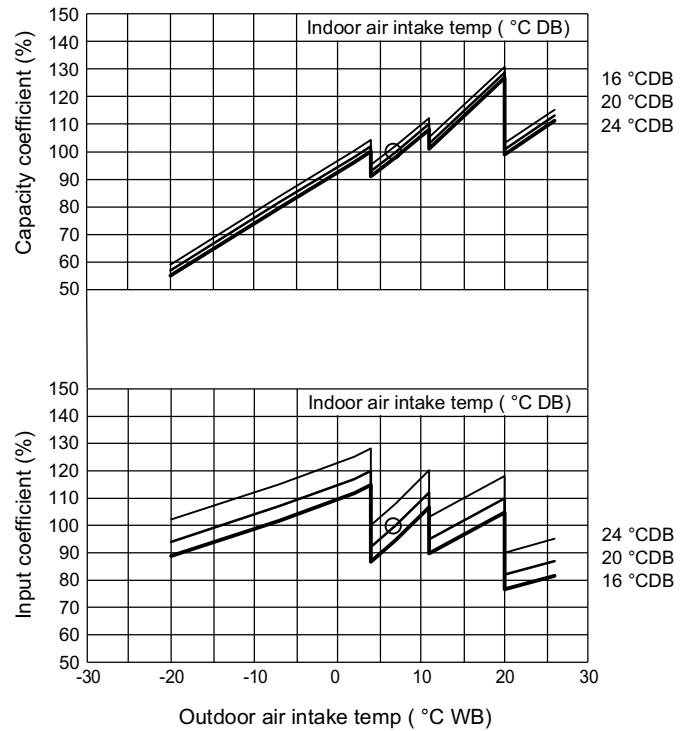
PE2

U-50PE2E5A (For 50 Hz)

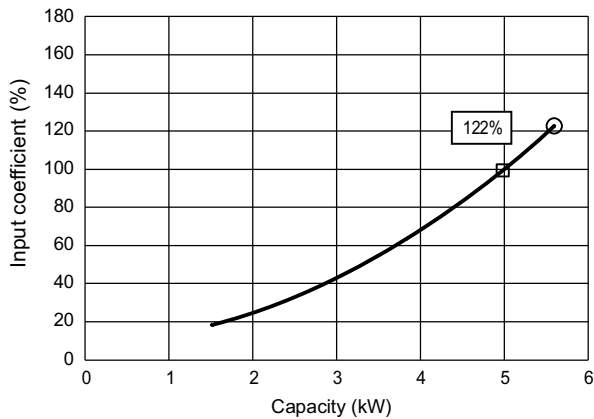
Cooling capacity ratio (maximum capacity)



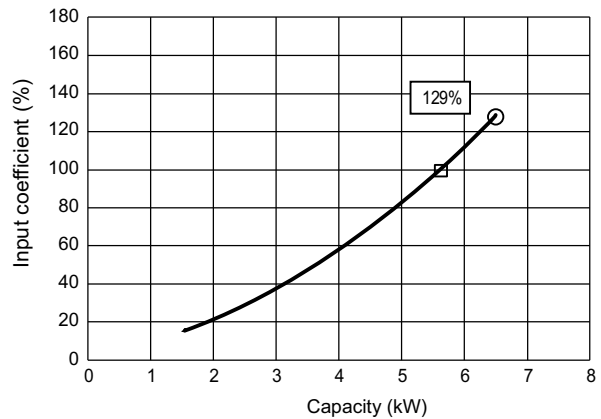
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0
Correction coefficient	0.966	0.966	0.962	0.958	0.954	0.946	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.915	0.905	0.900	0.895	0.890	0.874

Outdoor intake air temperature °C WB	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Correction coefficient	0.888	0.902	0.916	0.930	0.944	0.958	0.972	0.986	1.000

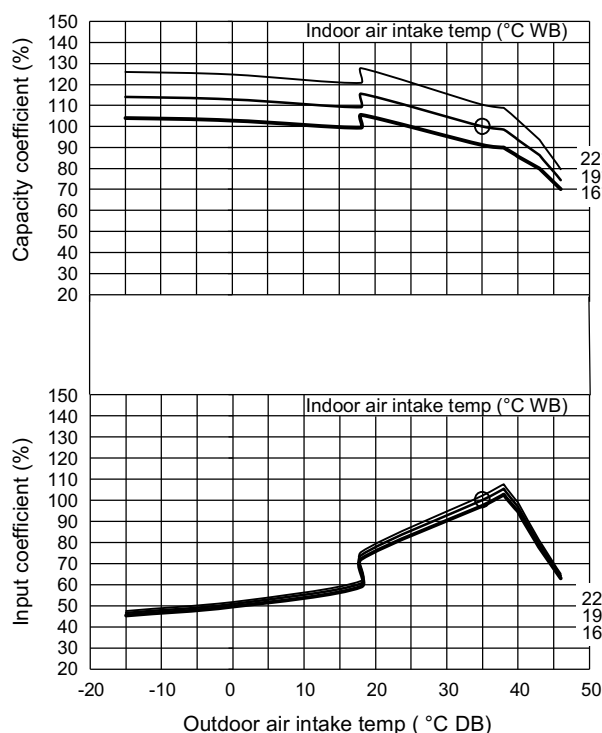
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

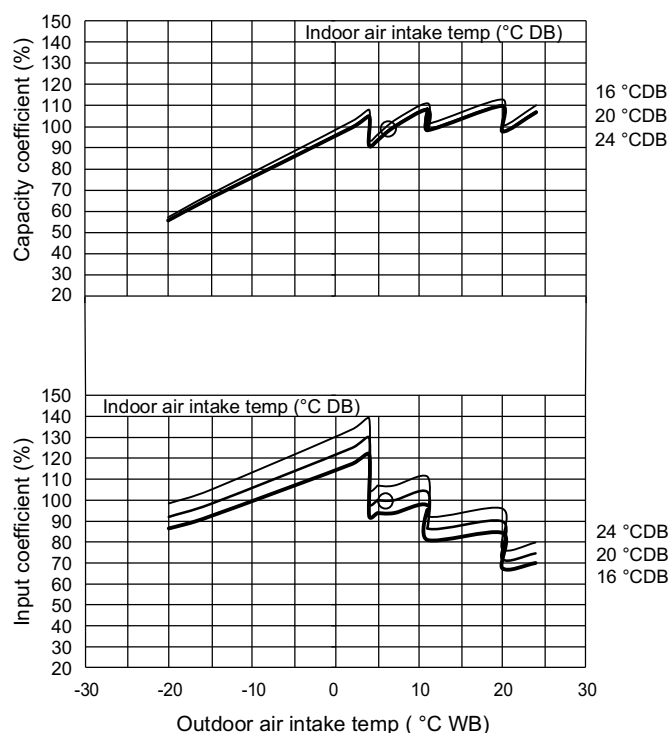
PE2

U-60PE2E5A (For 50 Hz)

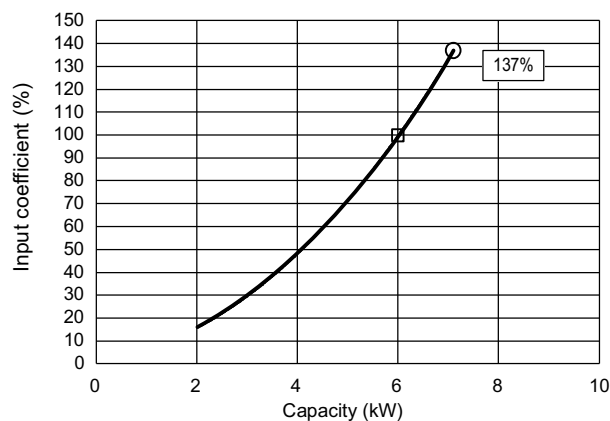
Cooling capacity ratio (maximum capacity)



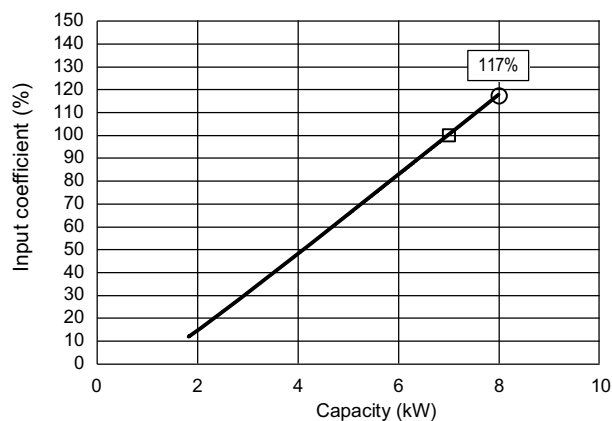
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0
Correction coefficient	0.966	0.966	0.962	0.958	0.954	0.946	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.915	0.905	0.900	0.895	0.890	0.874

Outdoor intake air temperature °C WB	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Correction coefficient	0.888	0.902	0.916	0.930	0.944	0.958	0.972	0.986	1.000

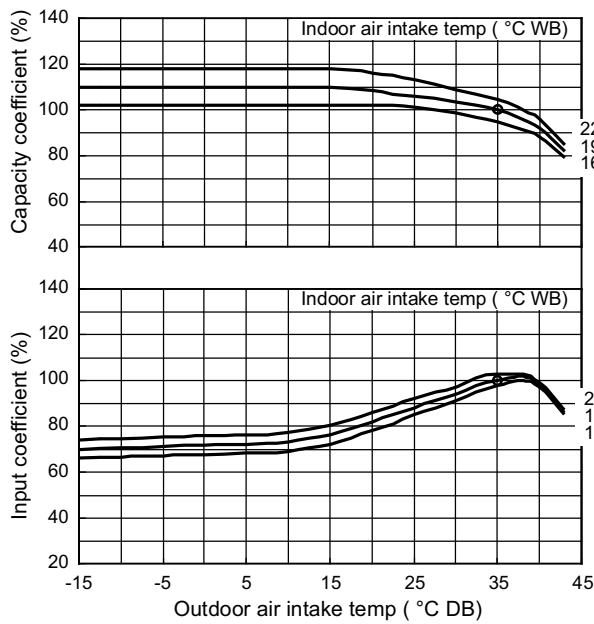
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

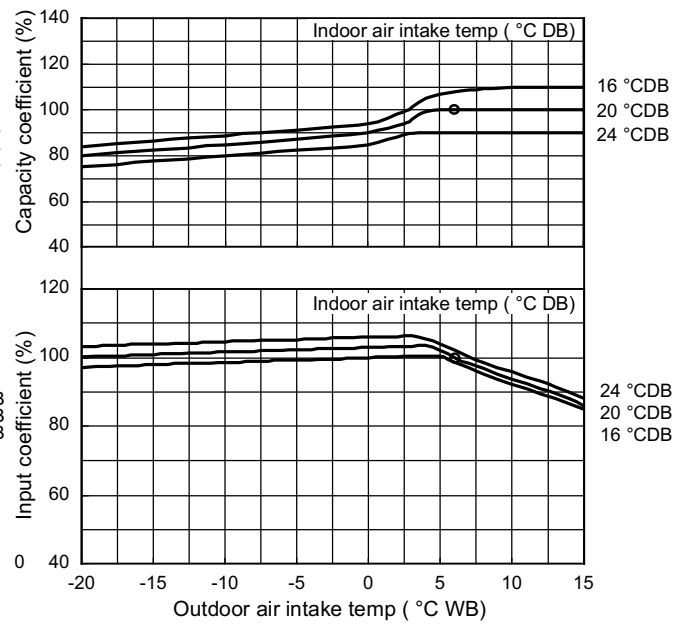
PE1

■ U-71PE1E5A (For 50 Hz) / U-71PE1E8A (For 50 Hz)

Cooling capacity ratio (maximum capacity)

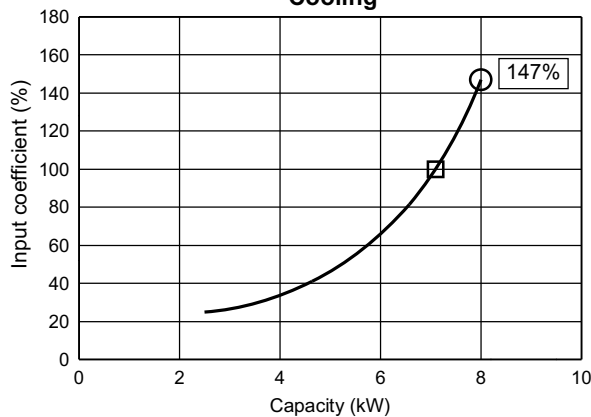


Heating capacity ratio (maximum capacity)

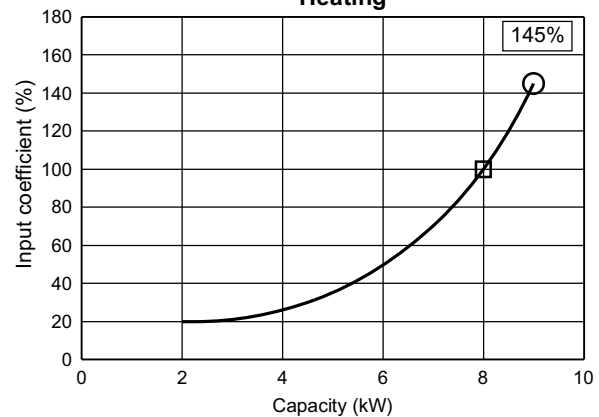


■ U-71PE1E5A (For 50 Hz)

Cooling

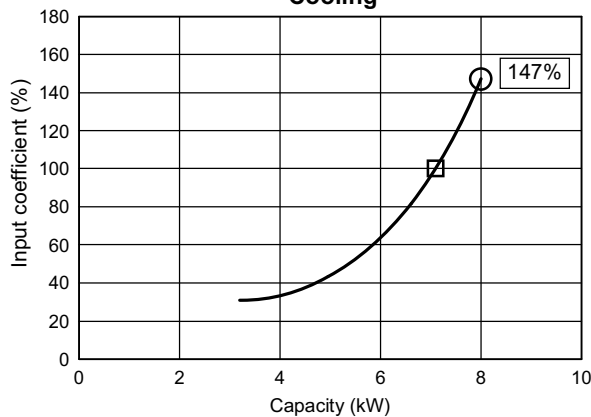


Heating

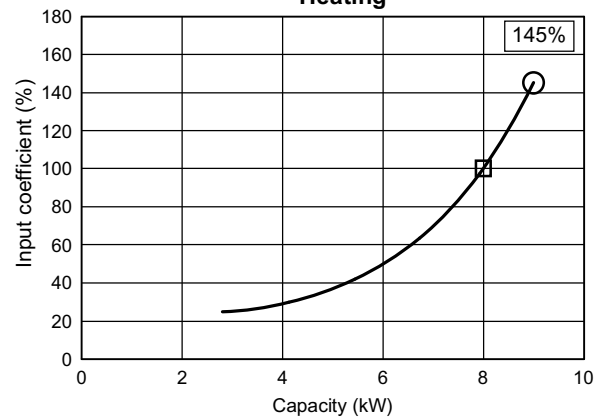


■ U-71PE1E8A (For 50 Hz)

Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6
Correction coefficient	1.0	1.0	0.97	0.96	0.96	0.95	0.94	0.91	0.89	0.88	0.87	0.87	0.87	0.88	0.89	0.91	0.92	0.95	1.0

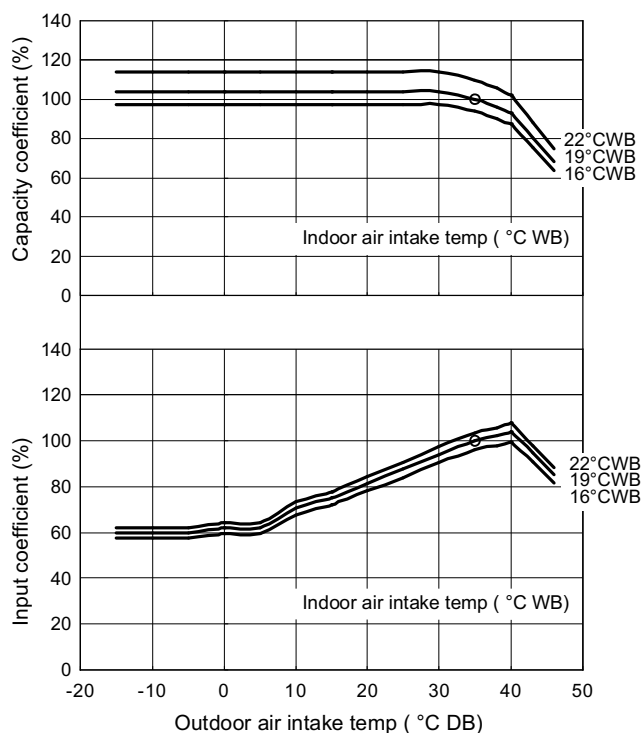
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

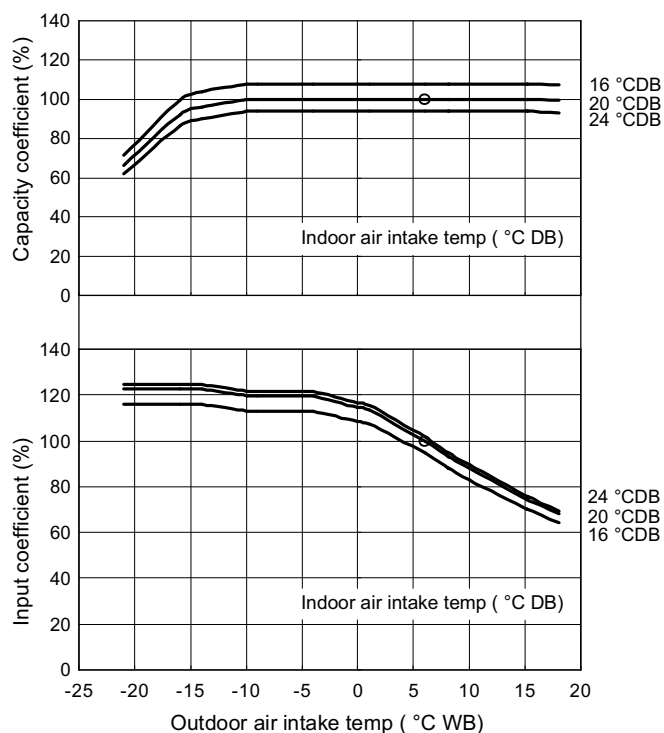
PE1

U-100PE1E5A (For 50 Hz) / U-100PE1E8A (For 50 Hz)

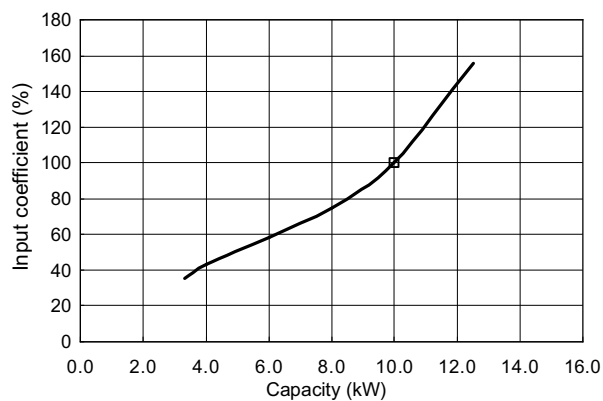
Cooling capacity ratio (maximum capacity)



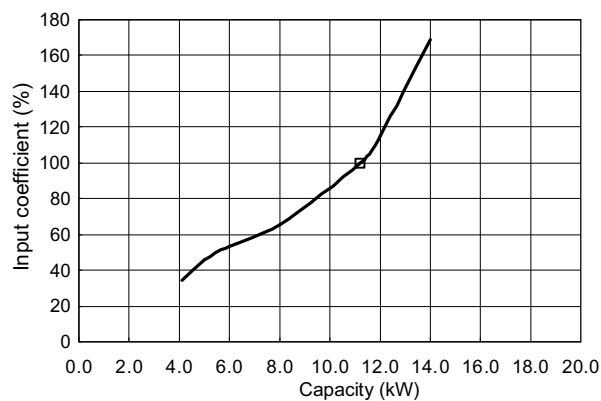
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

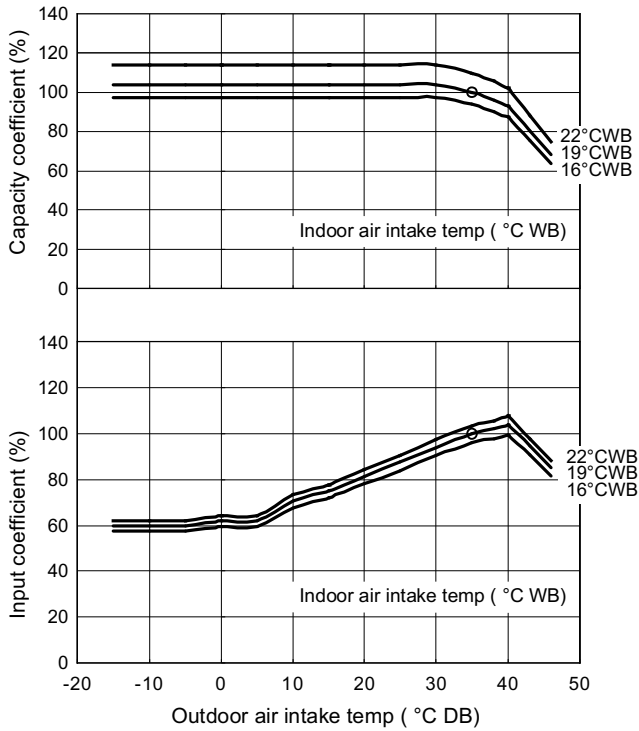
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

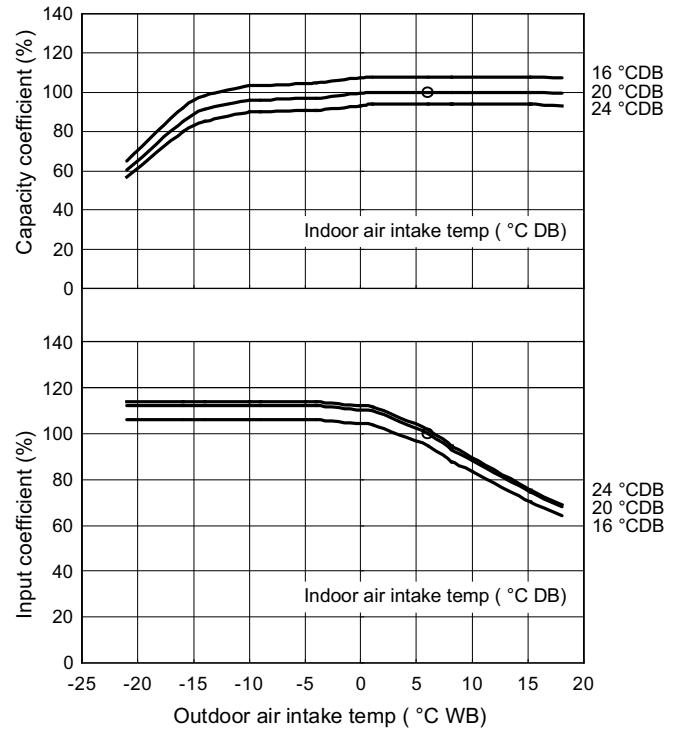
PE1

U-125PE1E5A (For 50 Hz) / U-125PE1E8A (For 50 Hz)

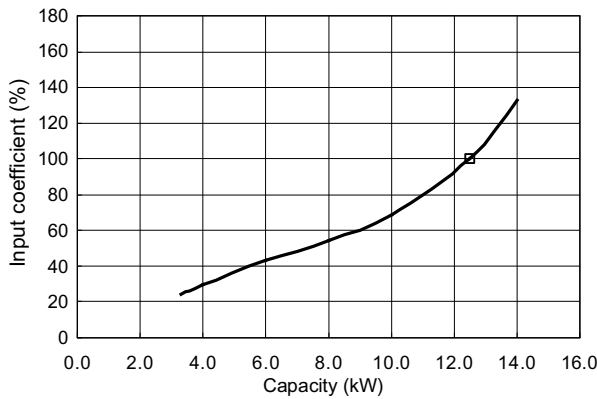
Cooling capacity ratio (maximum capacity)



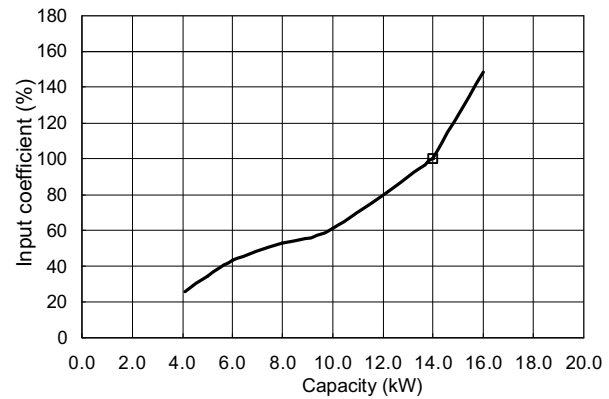
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

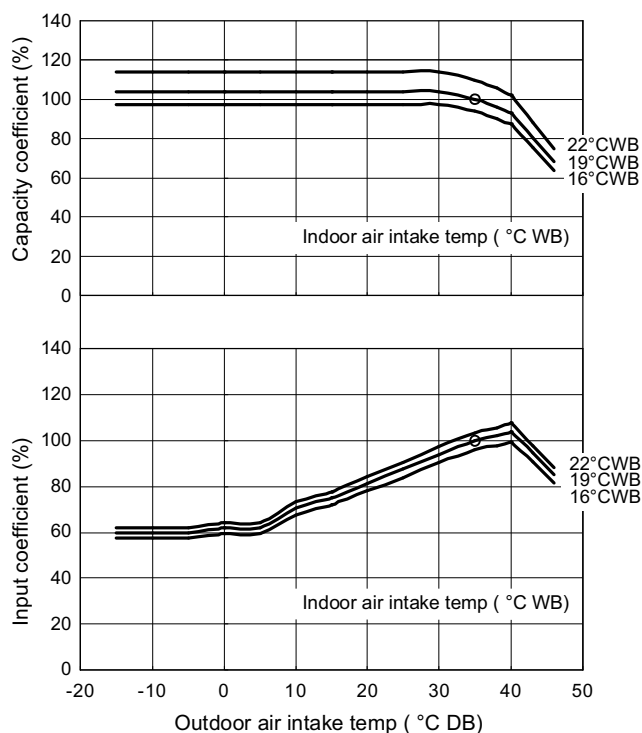
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

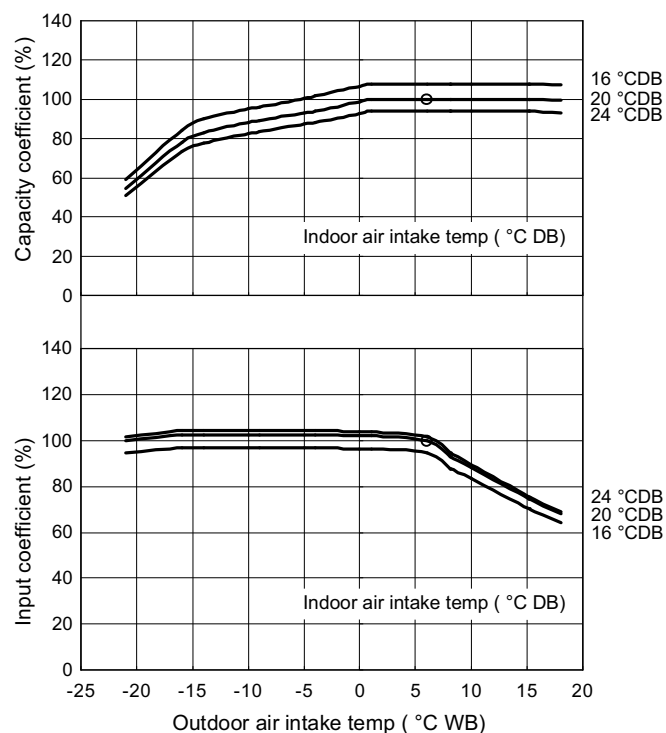
PE1

U-140PE1E5A (For 50 Hz) / U-140PE1E8A (For 50 Hz)

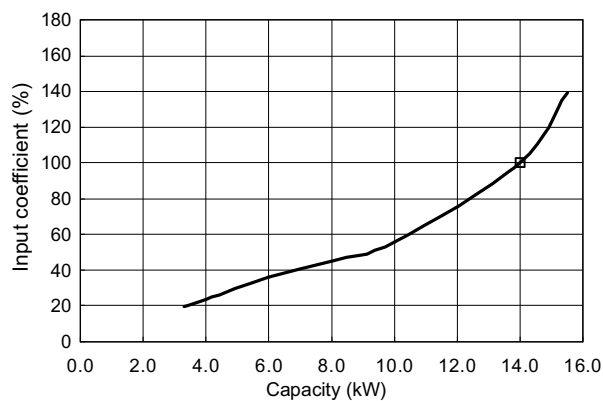
Cooling capacity ratio (maximum capacity)



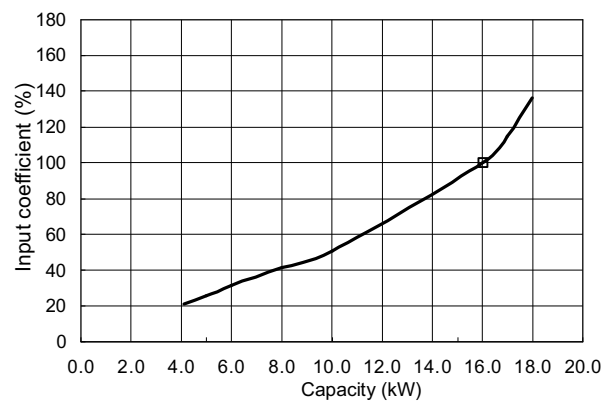
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

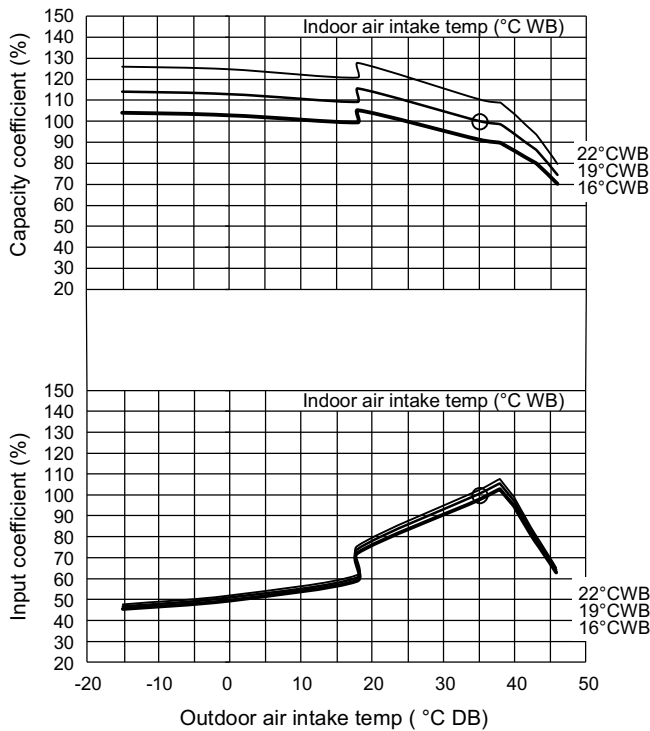
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

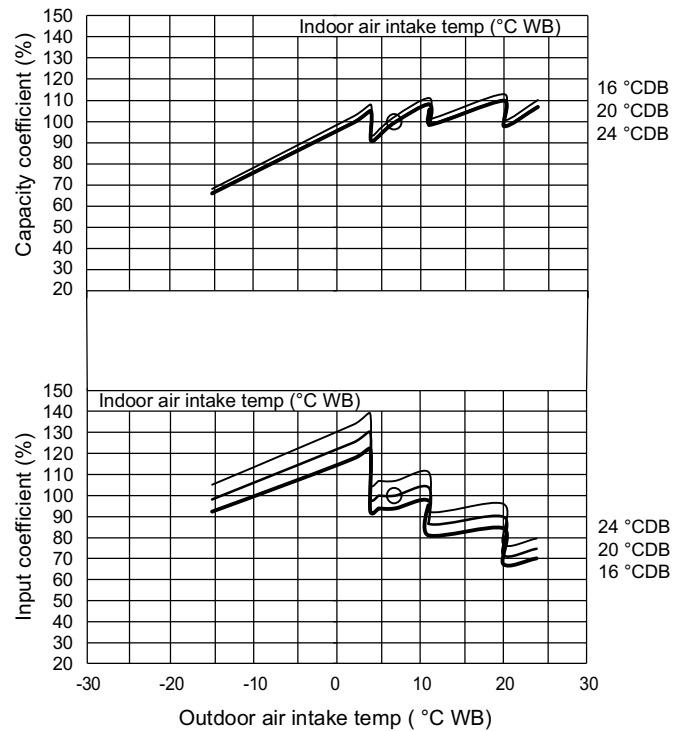
PEY2

U-60PEY2E5 (For 50 Hz)

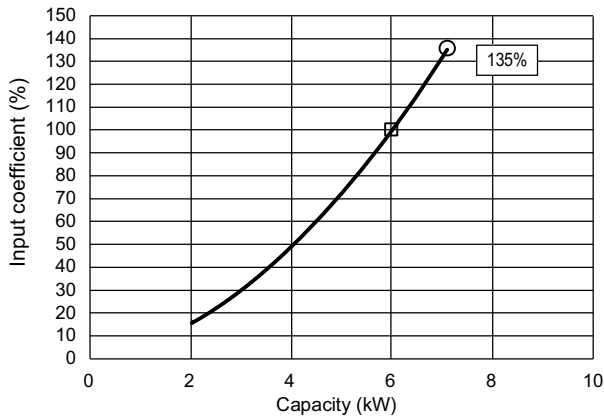
Cooling capacity ratio (maximum capacity)



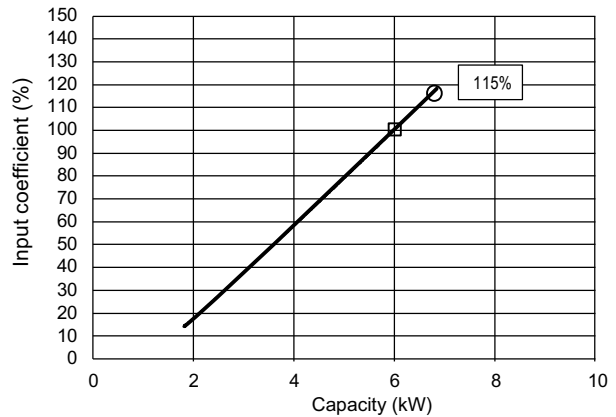
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0
Correction coefficient	0.966	0.966	0.962	0.958	0.954	0.946	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.915	0.905	0.900	0.895	0.890	0.874

Outdoor intake air temperature °C WB	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Correction coefficient	0.888	0.902	0.916	0.930	0.944	0.958	0.972	0.986	1.000

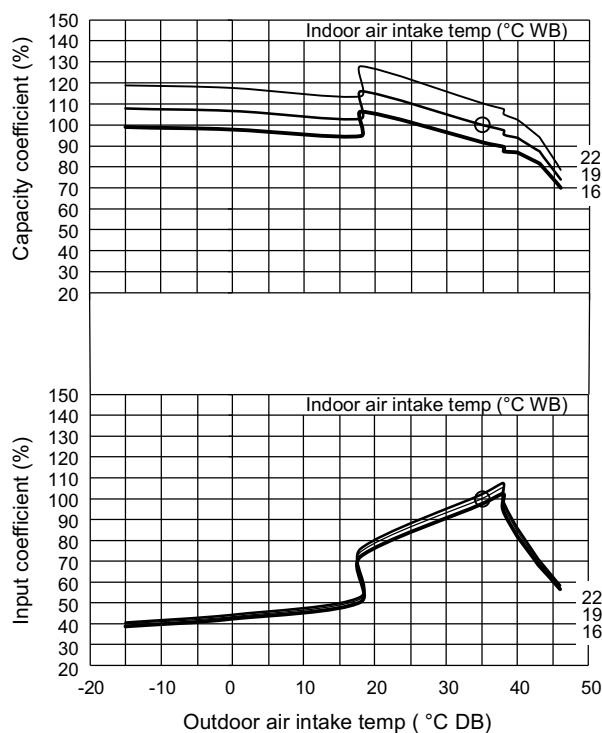
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

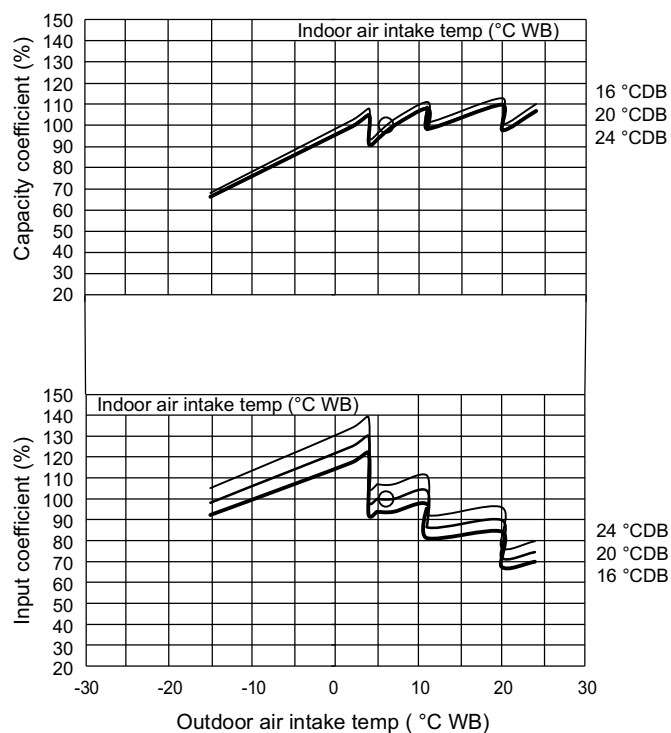
PEY2

U-71PEY2E5 (For 50 Hz)

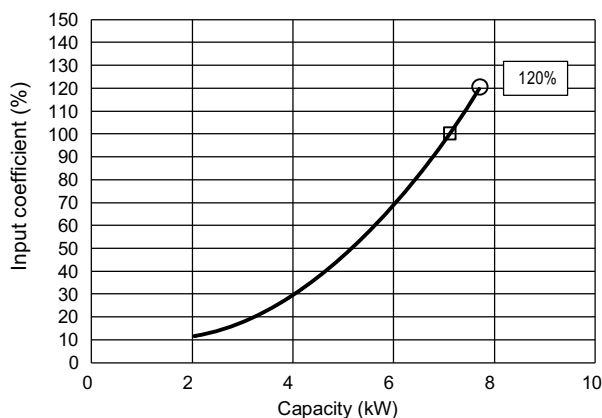
Cooling capacity ratio (maximum capacity)



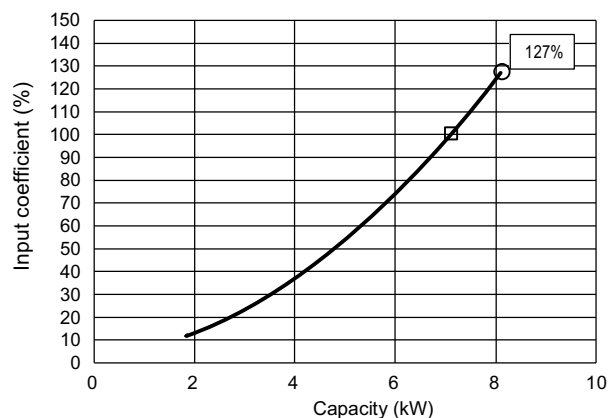
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20.0	-19.0	-18.0	-17.0	-16.0	-15.0	-14.0	-13.0	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0
Correction coefficient	0.966	0.966	0.962	0.958	0.954	0.946	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.915	0.905	0.900	0.895	0.890	0.874

Outdoor intake air temperature °C WB	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Correction coefficient	0.888	0.902	0.916	0.930	0.944	0.958	0.972	0.986	1.000

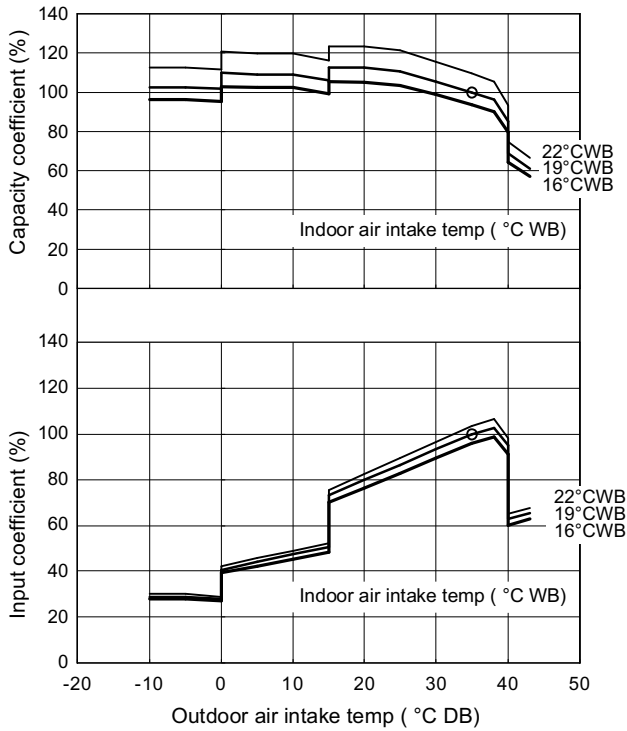
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

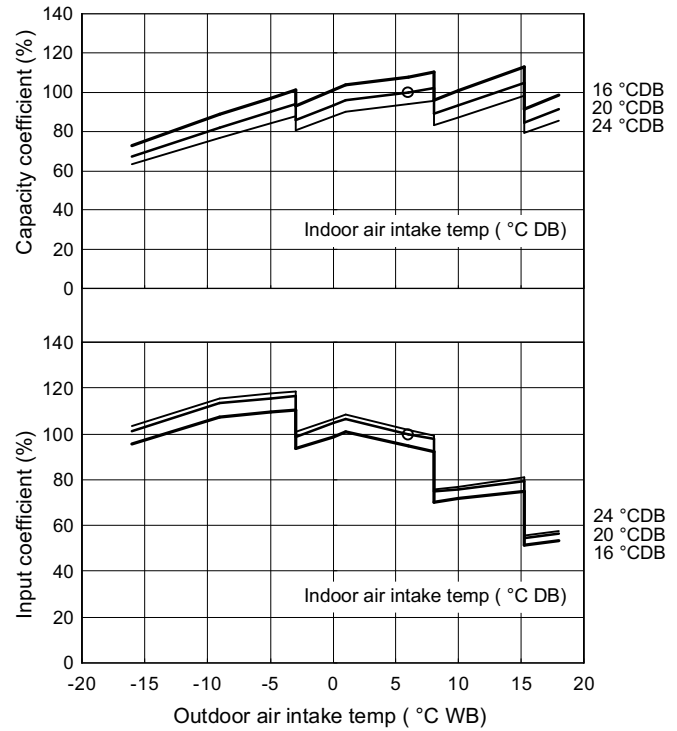
PEY1

U-100PEY1E5 (For 50 Hz) / U-100PEY1E8 (For 50 Hz)

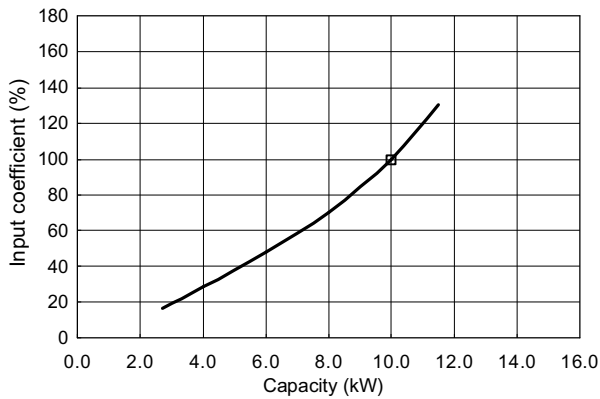
Cooling capacity ratio (maximum capacity)



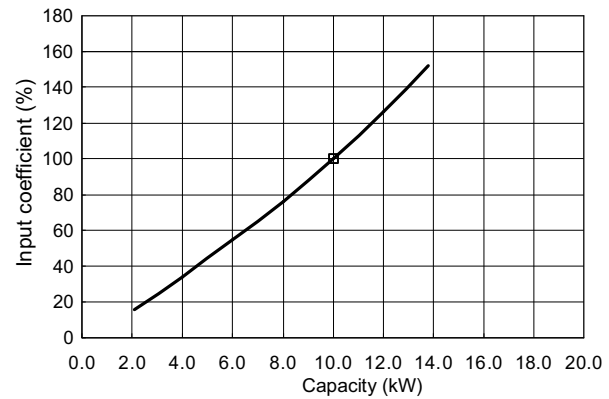
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

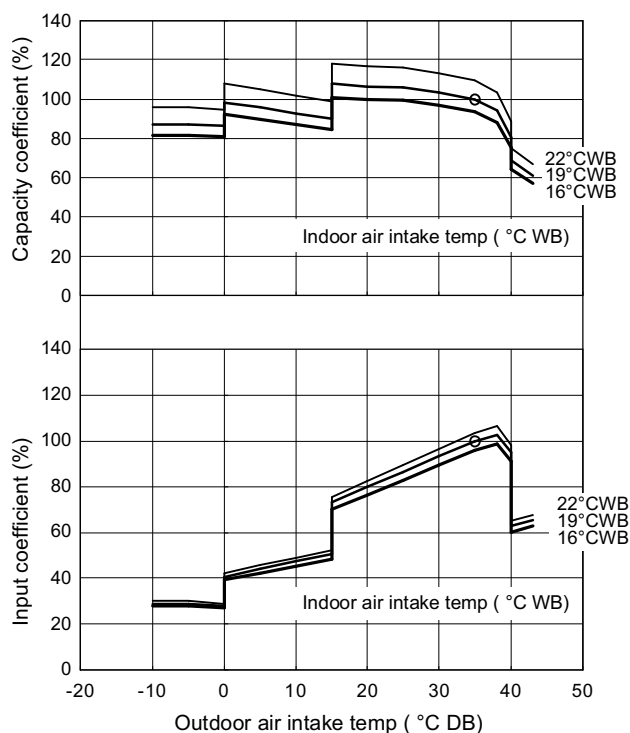
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

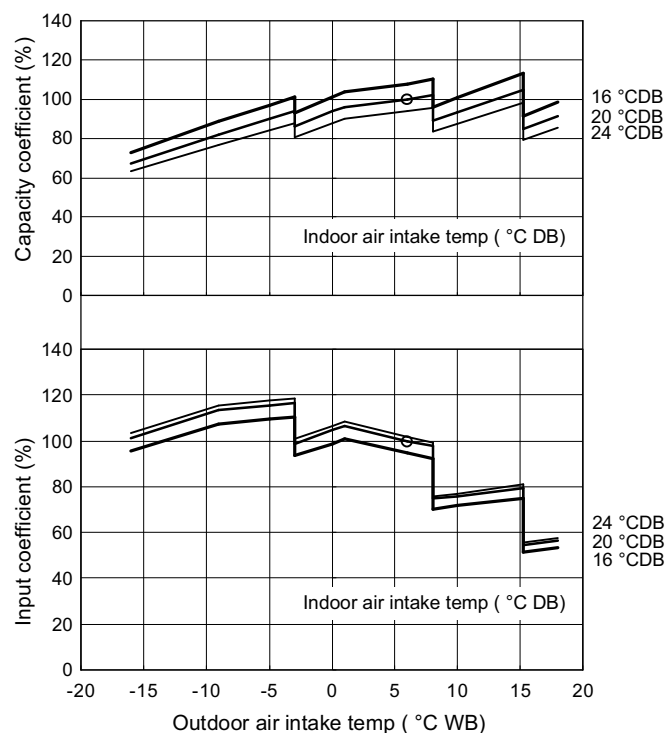
PEY1

U-125PEY1E5 (For 50 Hz) / U-125PEY1E8 (For 50 Hz)

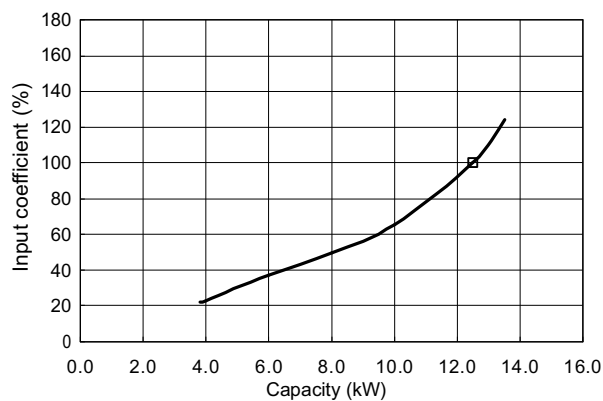
Cooling capacity ratio (maximum capacity)



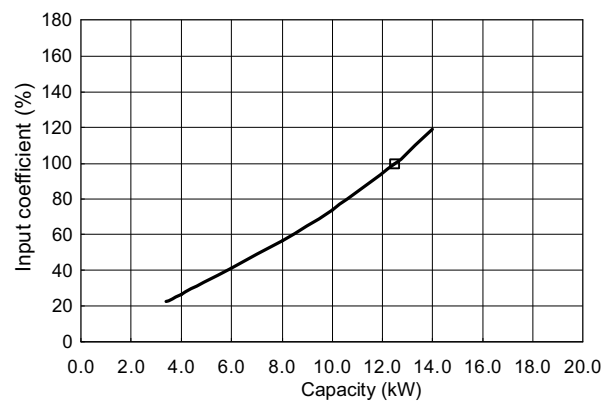
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

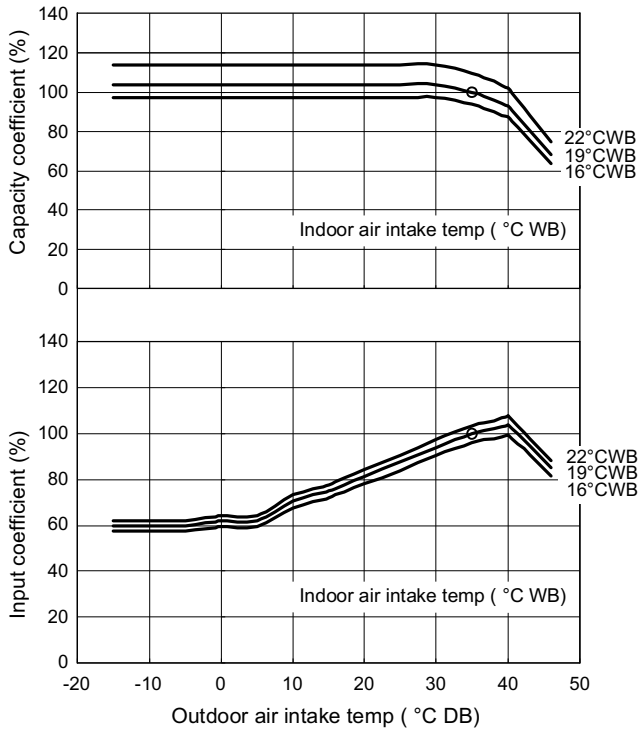
To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-5. Capacity Correction Graph According to Temperature Condition

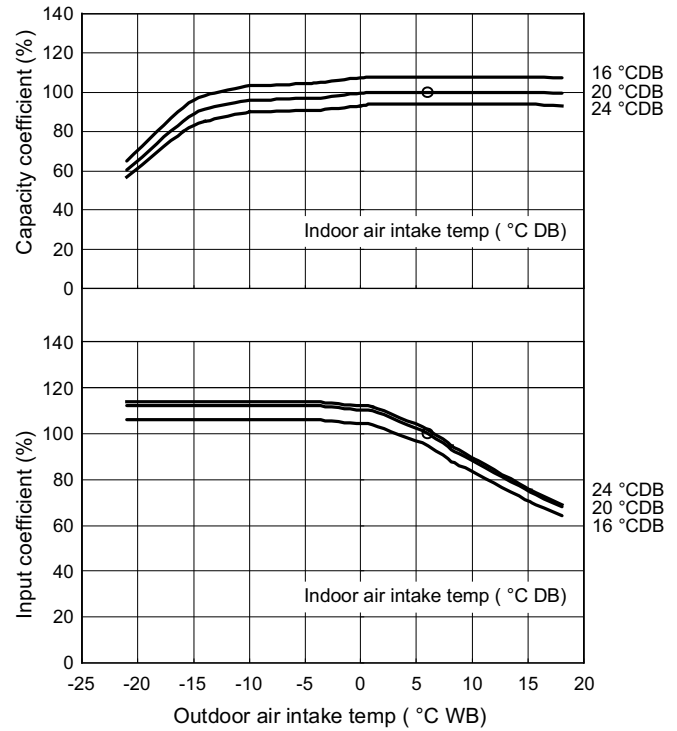
PEY1

U-140PEY1E8 (For 50 Hz)

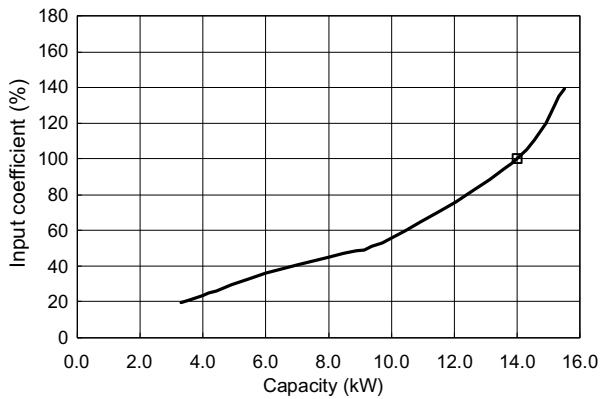
Cooling capacity ratio (maximum capacity)



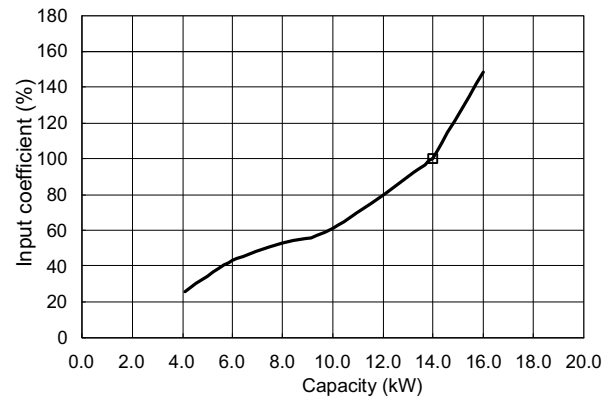
Heating capacity ratio (maximum capacity)



Cooling



Heating



Outdoor unit heating capacity correction coefficient during of frosting/defrosting

(RH approximately 85%)

Outdoor intake air temperature °C WB	-20	-15	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Correction coefficient	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.84	0.84	0.82	0.8	0.8	0.82	0.84	0.86	0.88	0.88	1.0	1.0

To calculate the heating capacity with consideration for frosting/defrosting operation, multiply the heating capacity found from the capacity graph by the correction coefficient from the table above.

1-6. Noise Criterion Curves

(A) Indoor Units:

4-Way Cassette Type

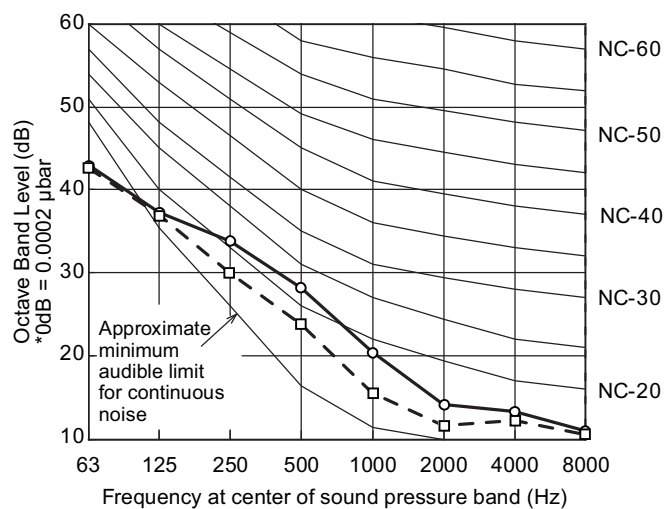
MODEL : S-36PU2E5A

SOUND LEVEL : High 30 dB(A)

Low 27 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz



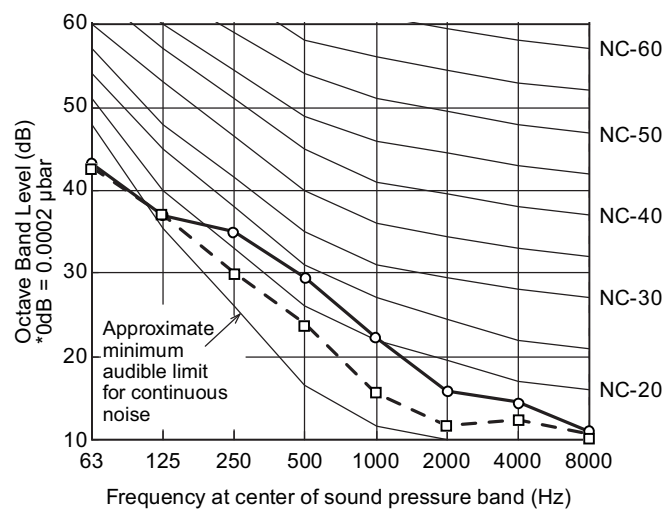
MODEL : S-45PU2E5A

SOUND LEVEL : High 31 dB(A)

Low 27 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz



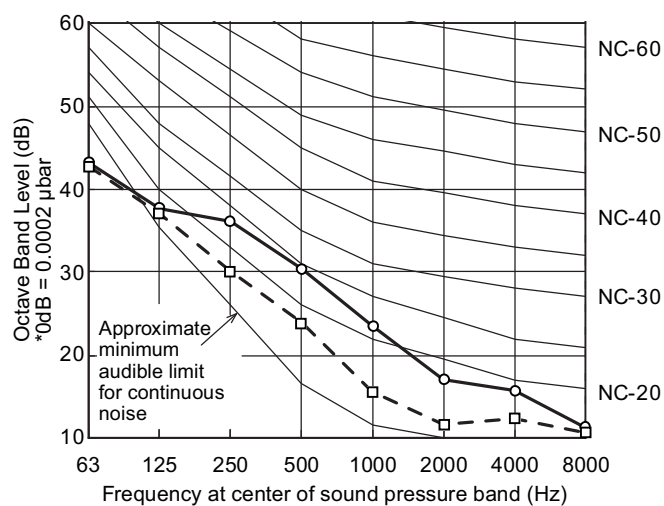
MODEL : S-50PU2E5A

SOUND LEVEL : High 32 dB(A)

Low 27 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz



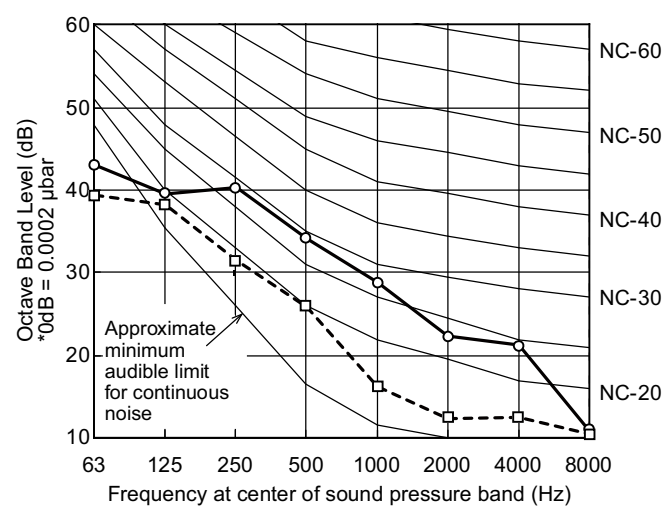
MODEL : S-60PU2E5A

SOUND LEVEL : High 36 dB(A)

Low 28 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz



1-6. Noise Criterion Curves

(A) Indoor Units:

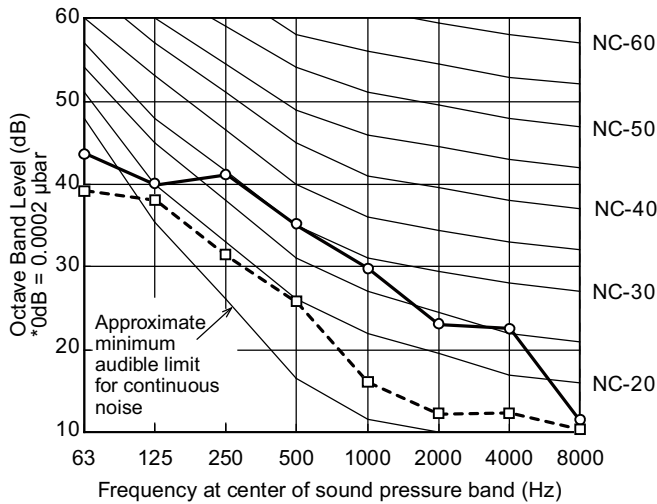
4-Way Cassette Type

MODEL : S-71PU2E5A

SOUND LEVEL : High 37 dB(A)
Low 28 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz

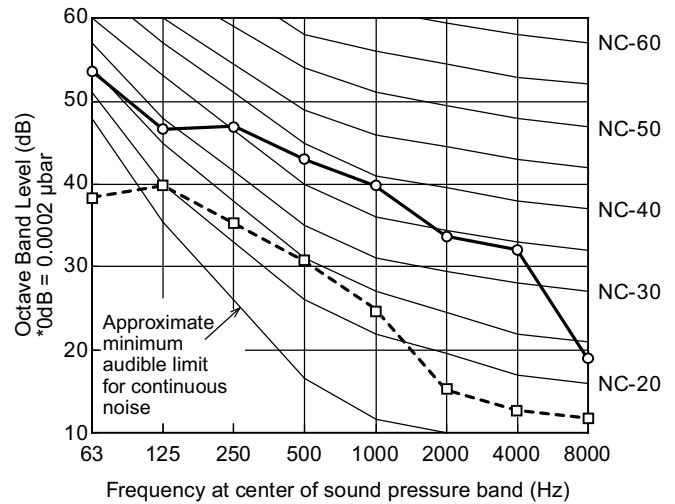


MODEL : S-100PU2E5A

SOUND LEVEL : High 45 dB(A)
Low 32 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz

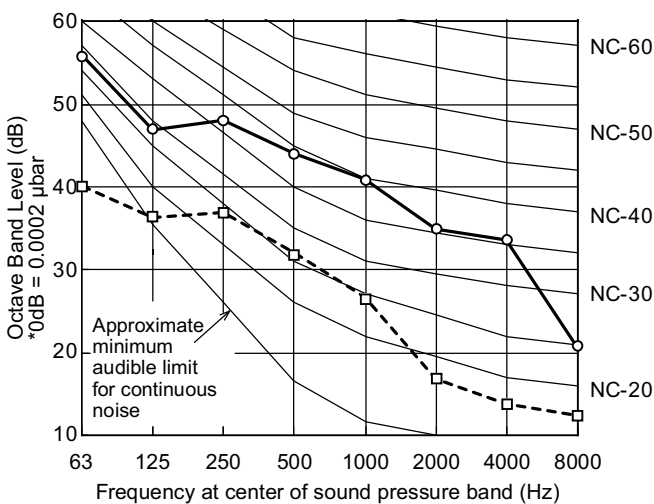


MODEL : S-125PU2E5A

SOUND LEVEL : High 46 dB(A)
Low 33 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz

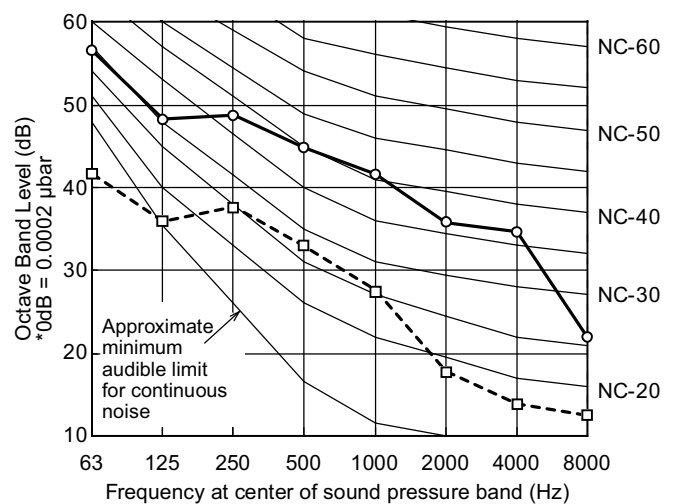


MODEL : S-140PU2E5A

SOUND LEVEL : High 47 dB(A)
Low 34 dB(A)

CONDITION : Under the unit 1.5m

SOURCE : 230-240V, 1 phase, 50Hz



REMARKS:

- Value obtained in the actual place where the unit is installed may be slightly higher than the values shown in this graph because of the conditions of operation, the structure of the building, the background noise and other factors.
- The test results were obtained from an anechoic room.

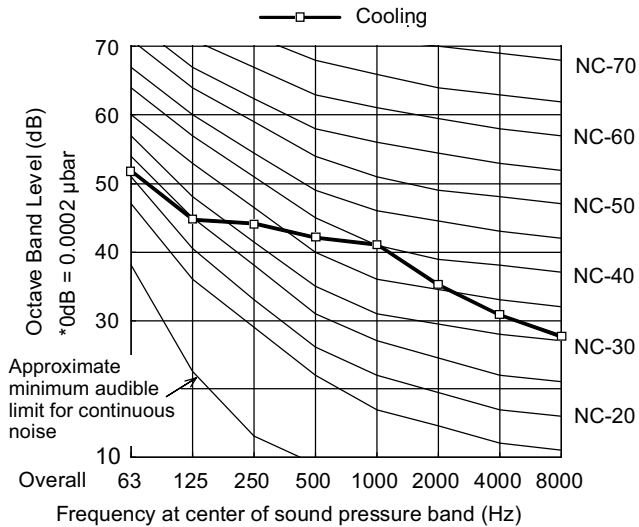
NOTE

To evaluate "Noise level" the maximum number of the measured OCTAVE BAND SOUND PRESSURE LEVEL is used. Read the number on each BAND CENTER FREQUENCIES (horizontal axis) ranging from 63 Hz to 8000 Hz and select the maximum value (vertical axis) among them.

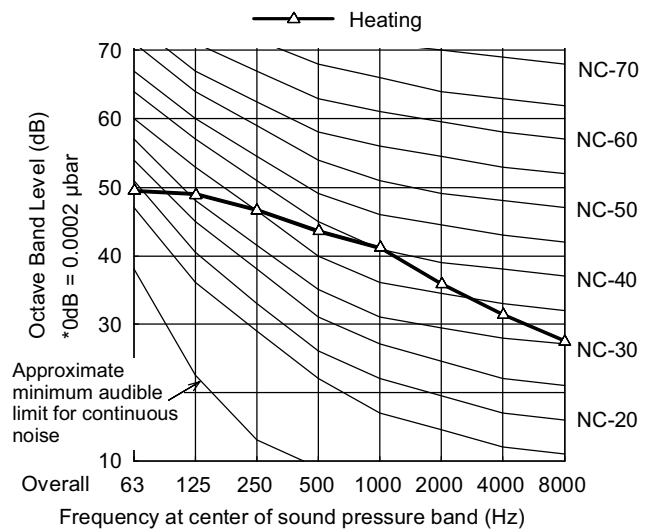
1-6. Noise Criterion Curves

(B) Outdoor Unit

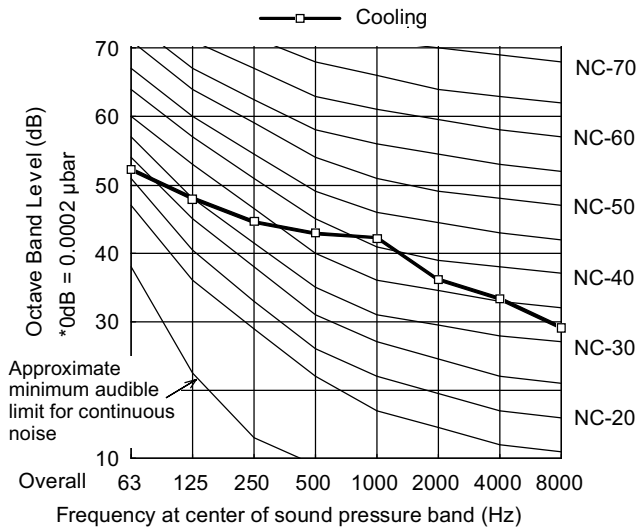
MODEL	: U-36PE2E5A
SOUND LEVEL	: Cooling 45 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



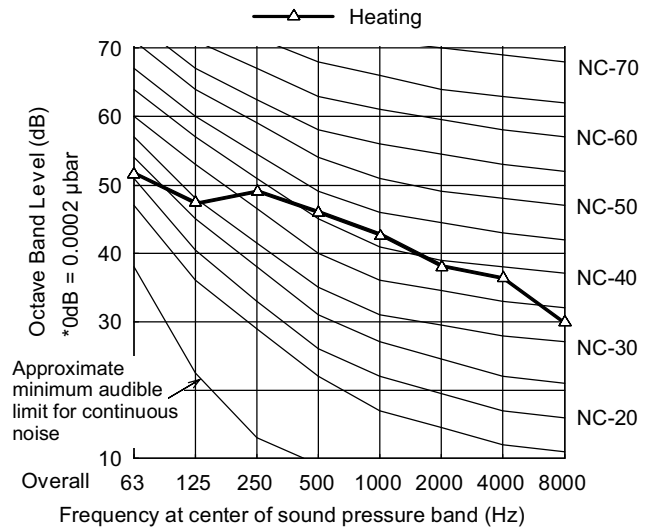
MODEL	: U-36PE2E5A
SOUND LEVEL	: Heating 46 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



MODEL	: U-50PE2E5A
SOUND LEVEL	: Cooling 46 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



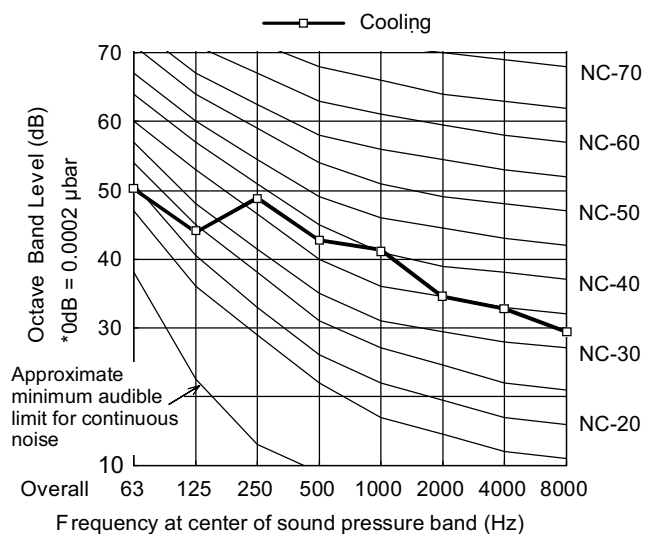
MODEL	: U-50PE2E5A
SOUND LEVEL	: Heating 48 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



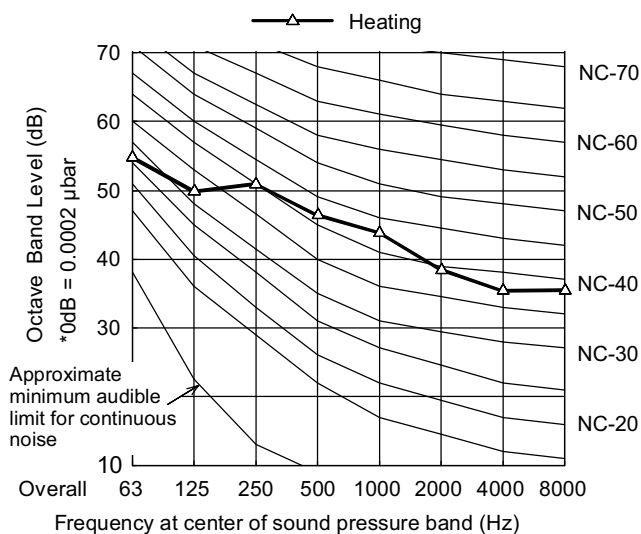
1-6. Noise Criterion Curves

(B) Outdoor Unit

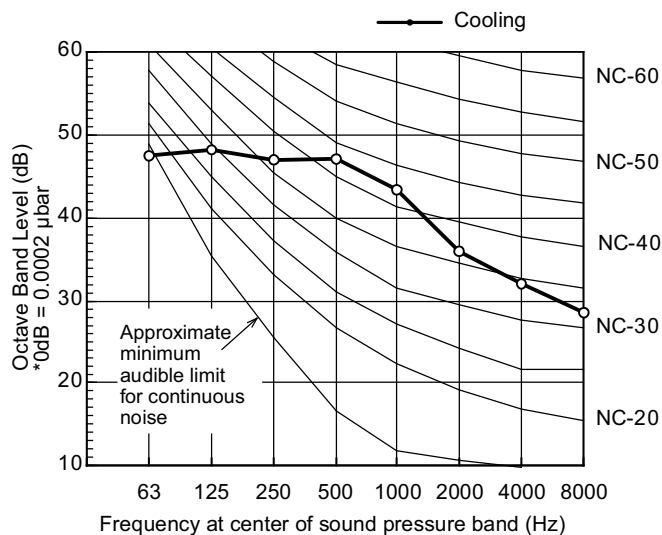
MODEL	: U-60PE2E5A
SOUND LEVEL	: Cooling 46 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



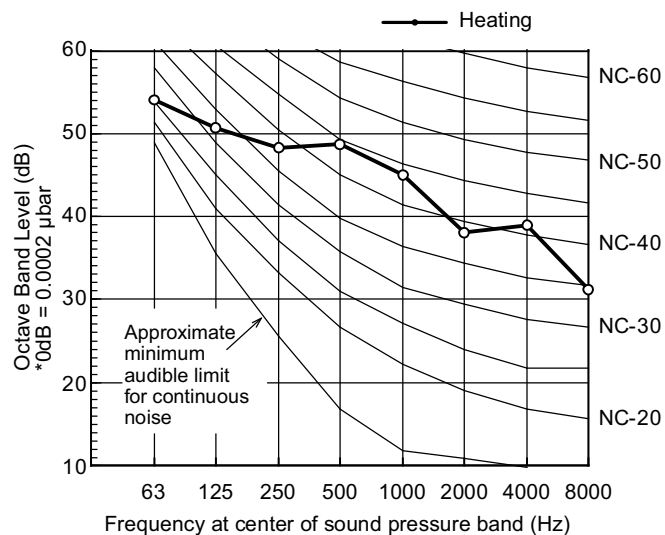
MODEL	: U-60PE2E5A
SOUND LEVEL	: Heating 49 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 220-230-240V, 1 phase, 50Hz



MODEL	: U-71PE1E5A, U-71PE1E8A
SOUND LEVEL	: Cooling 48 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	1 phase model : 220-230-240V, 1 phase, 50Hz 3 phase model : 380-400-415V, 3 phase, 50Hz



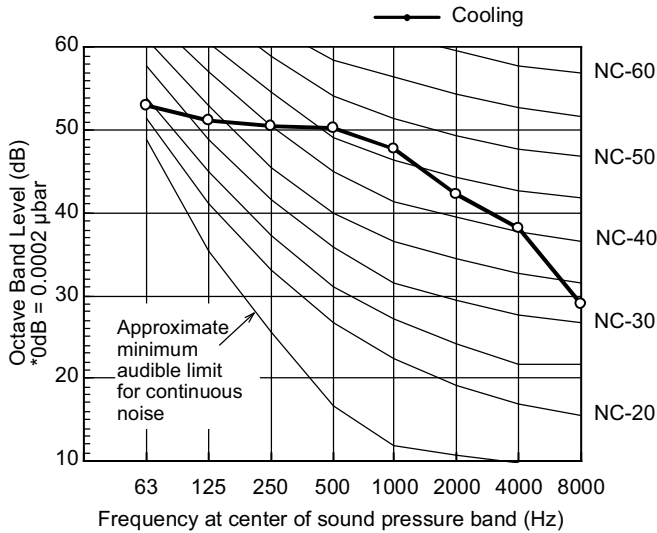
MODEL	: U-71PE1E5A, U-71PE1E8A
SOUND LEVEL	: Heating 50 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	1 phase model : 220-230-240V, 1 phase, 50Hz 3 phase model : 380-400-415V, 3 phase, 50Hz



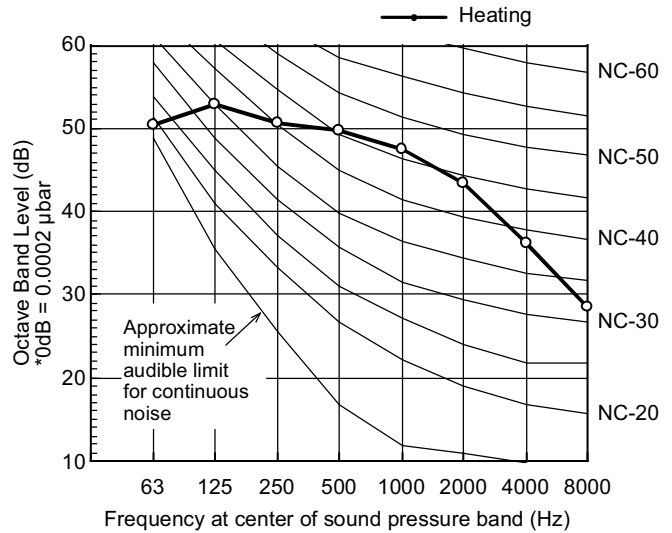
1-6. Noise Criterion Curves

(B) Outdoor Unit

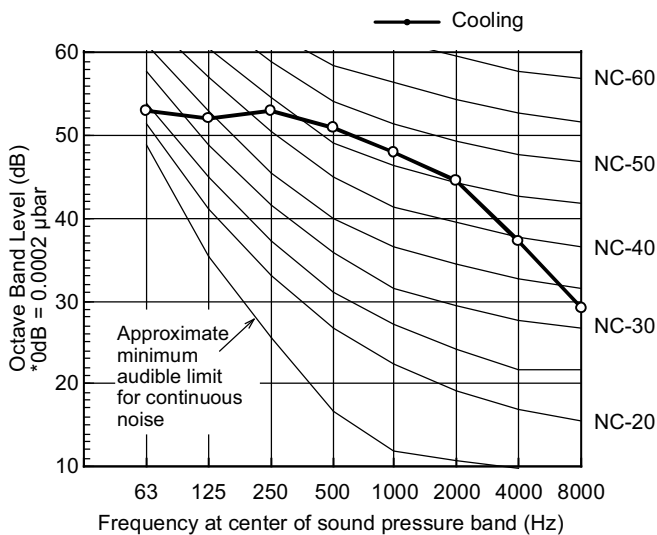
MODEL : U-100PE1E5A, U-100PE1E8A
 SOUND LEVEL : Cooling 52 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



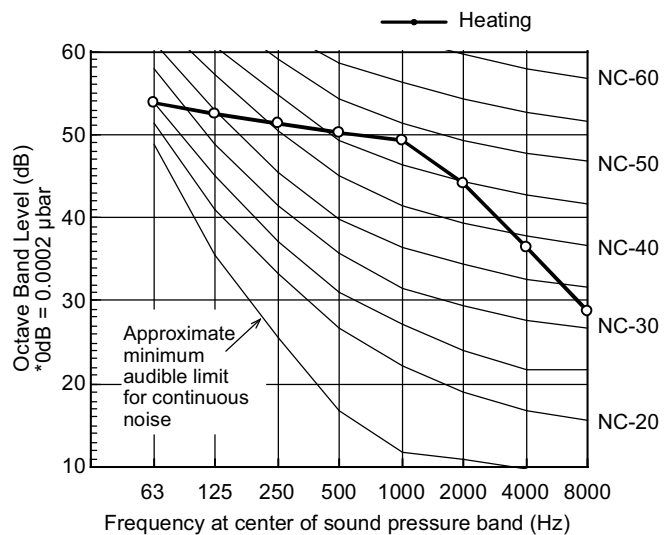
MODEL : U-100PE1E5A, U-100PE1E8A
 SOUND LEVEL : Heating 52 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



MODEL : U-125PE1E5A, U-125PE1E8A
 SOUND LEVEL : Cooling 53 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



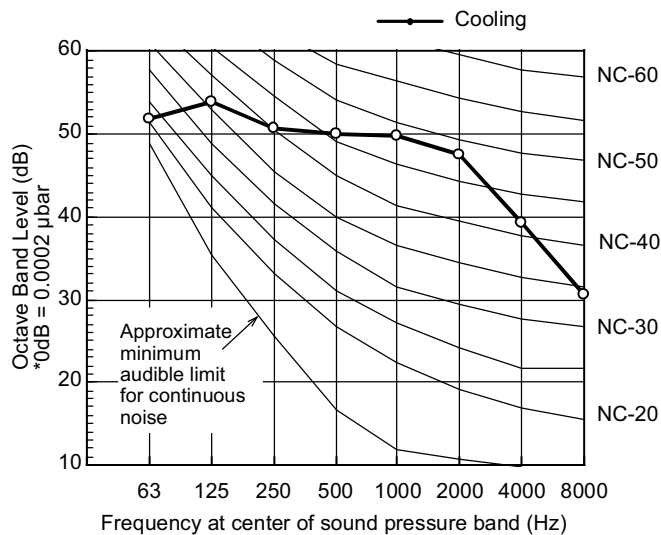
MODEL : U-125PE1E5A, U-125PE1E8A
 SOUND LEVEL : Heating 53 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



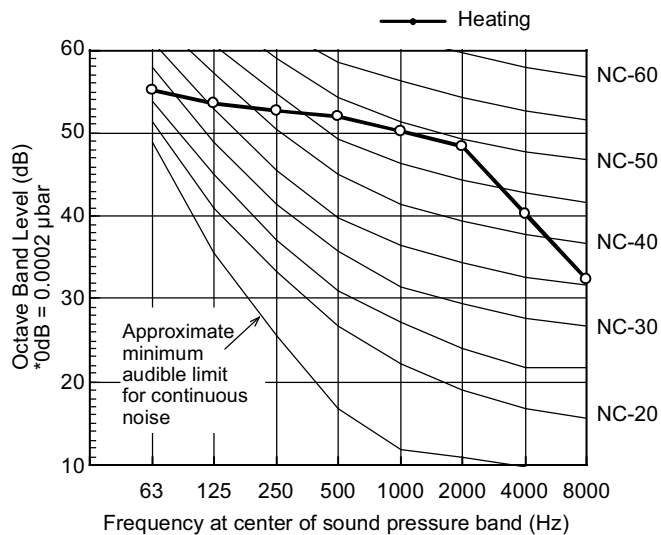
1-6. Noise Criterion Curves

(B) Outdoor Unit

MODEL : U-140PE1E5A, U-140PE1E8A
 SOUND LEVEL : Cooling 54 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



MODEL : U-140PE1E5A, U-140PE1E8A
 SOUND LEVEL : Heating 55 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



1-6. Noise Criterion Curves

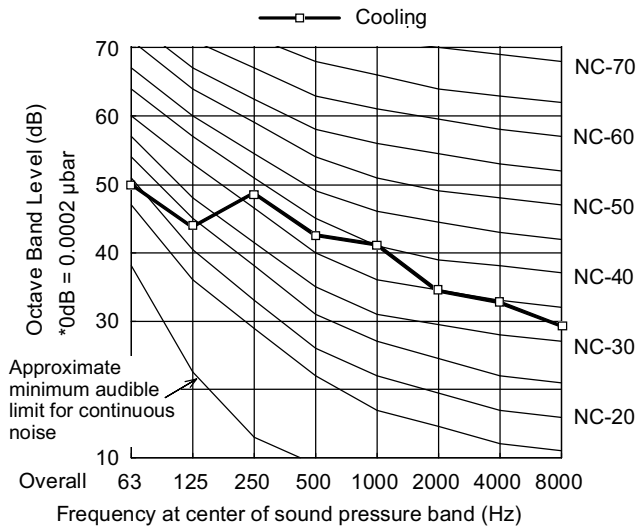
(B) Outdoor Unit

MODEL : U-60PEY2E5

SOUND LEVEL : Cooling 46 dB(A)

CONDITION : 1 m in front at height of 1.5 m

SOURCE : 220-230-240V, 1 phase, 50Hz

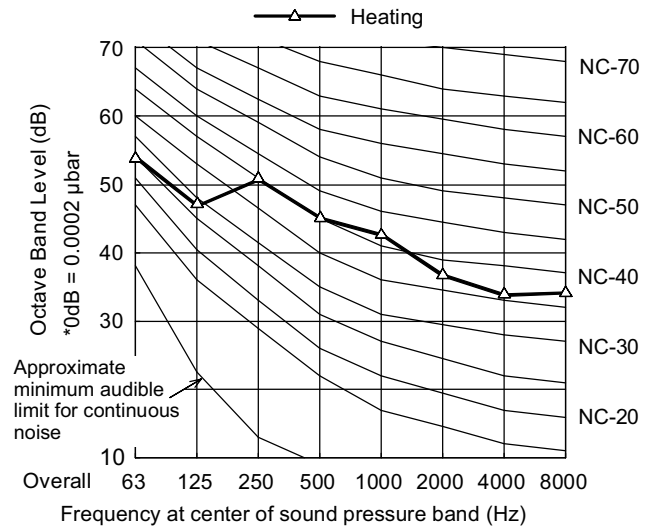


MODEL : U-60PEY2E5

SOUND LEVEL : Heating 48 dB(A)

CONDITION : 1 m in front at height of 1.5 m

SOURCE : 220-230-240V, 1 phase, 50Hz

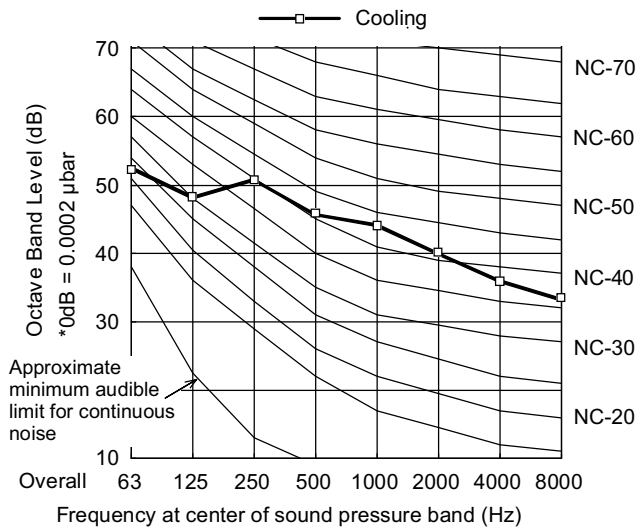


MODEL : U-71PEY2E5

SOUND LEVEL : Cooling 49 dB(A)

CONDITION : 1 m in front at height of 1.5 m

SOURCE : 220-230-240V, 1 phase, 50Hz

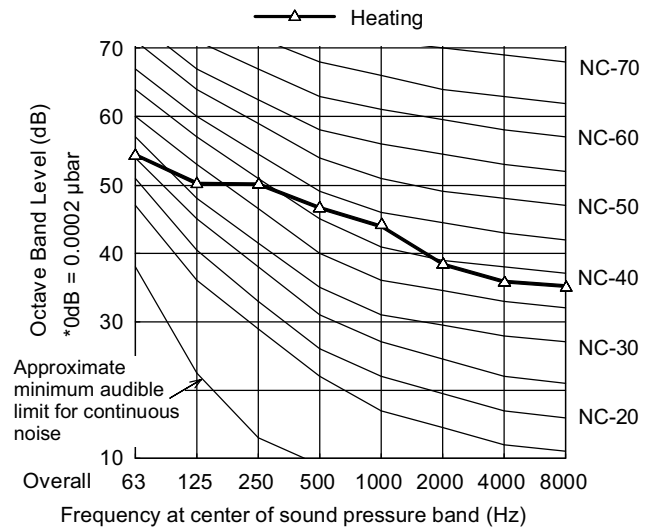


MODEL : U-71PEY2E5

SOUND LEVEL : Heating 49 dB(A)

CONDITION : 1 m in front at height of 1.5 m

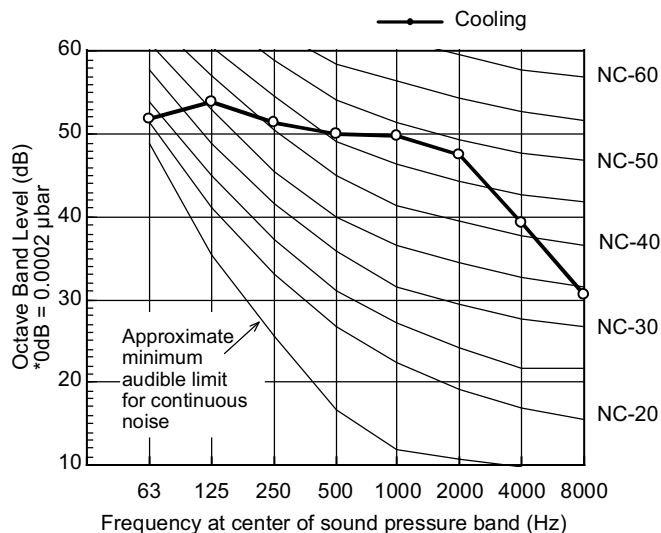
SOURCE : 220-230-240V, 1 phase, 50Hz



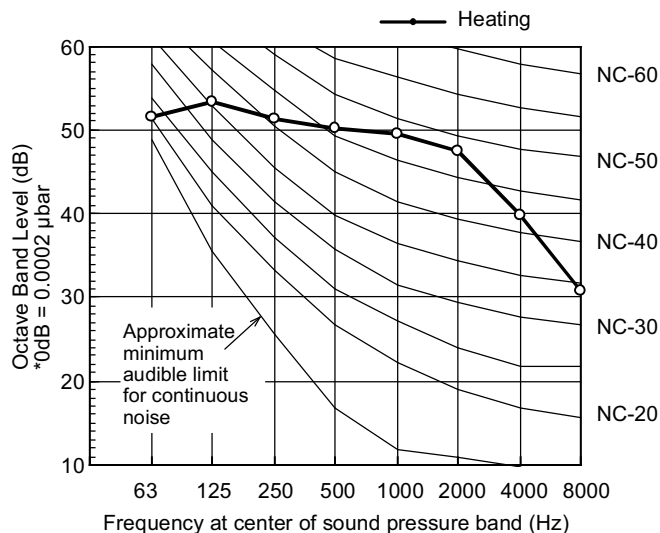
1-6. Noise Criterion Curves

(B) Outdoor Unit

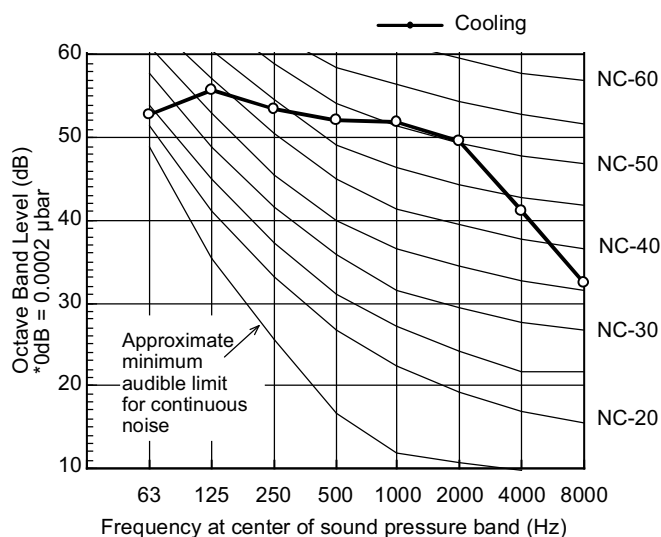
MODEL : U-100PEY1E5, U-100PEY1E8
 SOUND LEVEL : Cooling 54 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



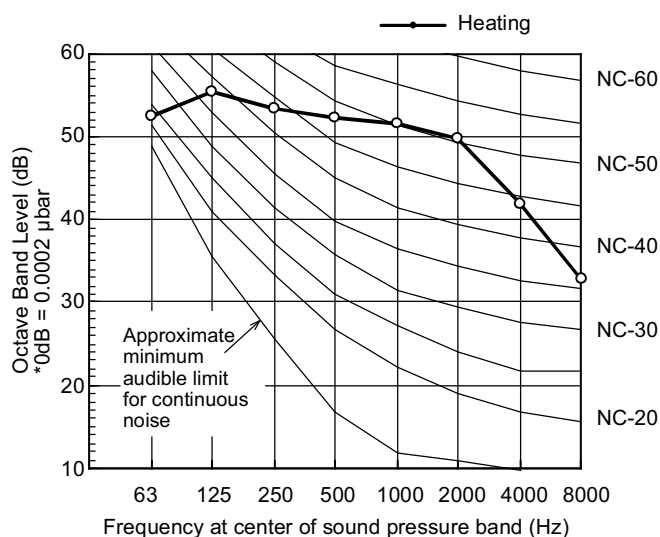
MODEL : U-100PEY1E5, U-100PEY1E8
 SOUND LEVEL : Heating 54 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



MODEL : U-125PEY1E5, U-125PEY1E8
 SOUND LEVEL : Cooling 56 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



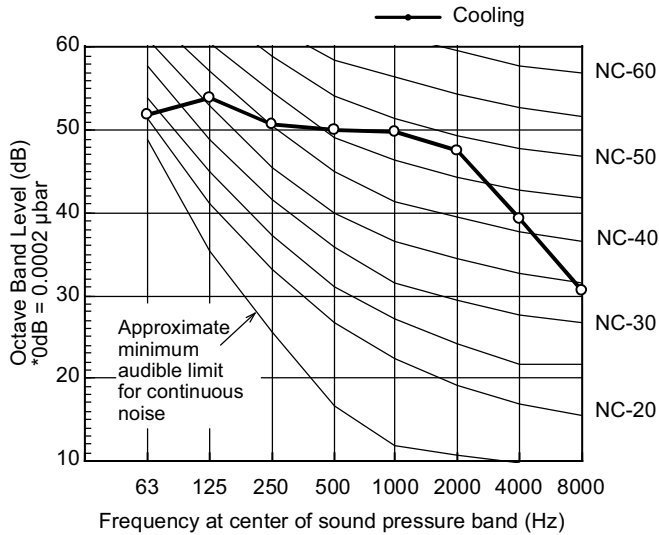
MODEL : U-125PEY1E5, U-125PEY1E8
 SOUND LEVEL : Heating 56 dB(A)
 CONDITION : 1 m in front at height of 1.5 m
 SOURCE 1 phase model : 220-230-240V, 1 phase, 50Hz
 3 phase model : 380-400-415V, 3 phase, 50Hz



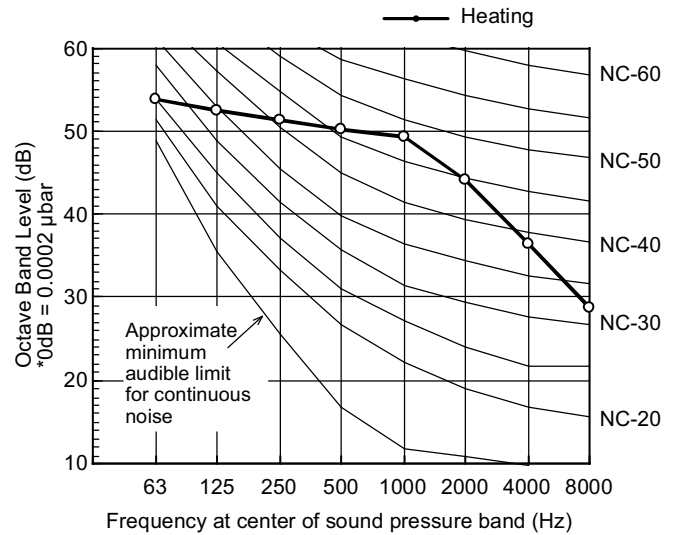
1-6. Noise Criterion Curves

(B) Outdoor Unit

MODEL	: U-140PEY1E8
SOUND LEVEL	: Cooling 54 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 380-400-415V, 3 phase, 50Hz



MODEL	: U-140PEY1E8
SOUND LEVEL	: Heating 53 dB(A)
CONDITION	: 1 m in front at height of 1.5 m
SOURCE	: 380-400-415V, 3 phase, 50Hz

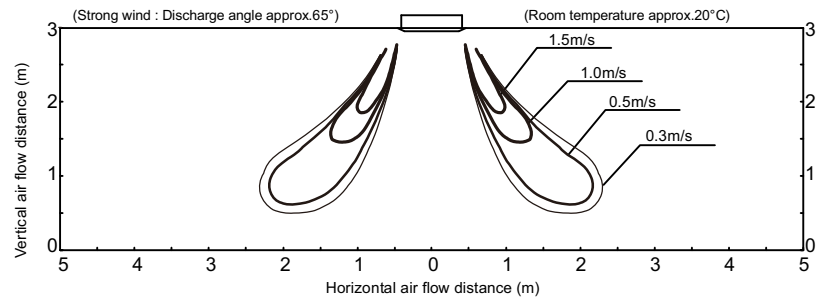


1-8. Airflow Distance Chart

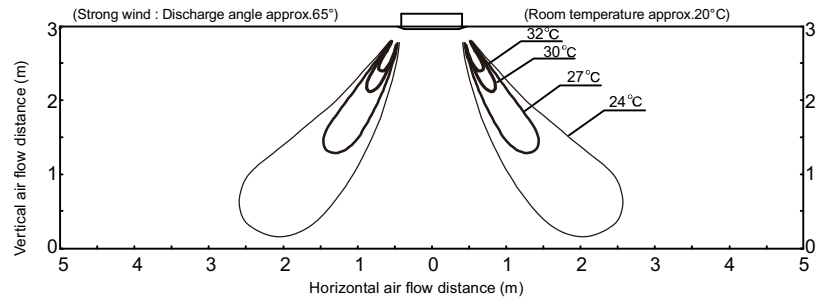
4-Way Cassette (Type U2)

S-36PU2E5A / 45PU2E5A / 50PU2E5A

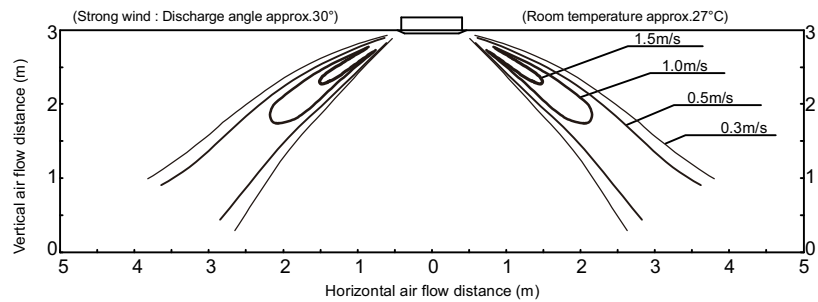
Heating : Distribution of wind velocity



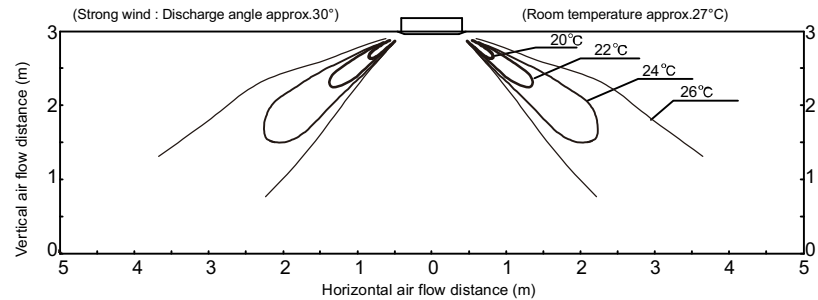
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



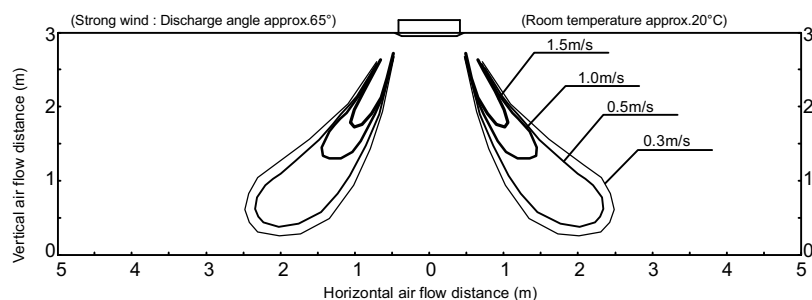
Cooling : Distribution of temperature



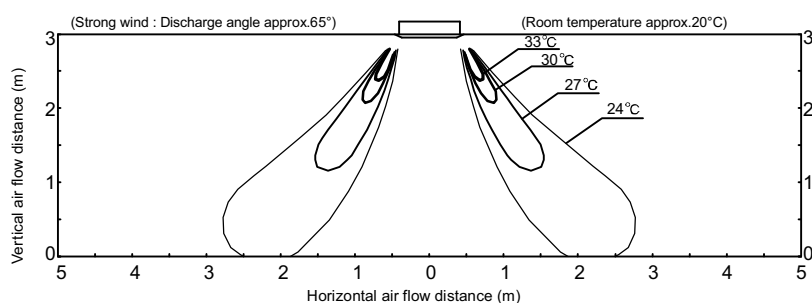
4-Way Cassette (Type U2)

S-60PU2E5A / 71PU2E5A

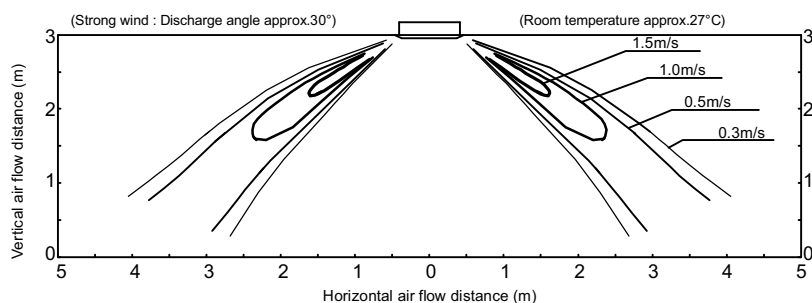
Heating : Distribution of wind velocity



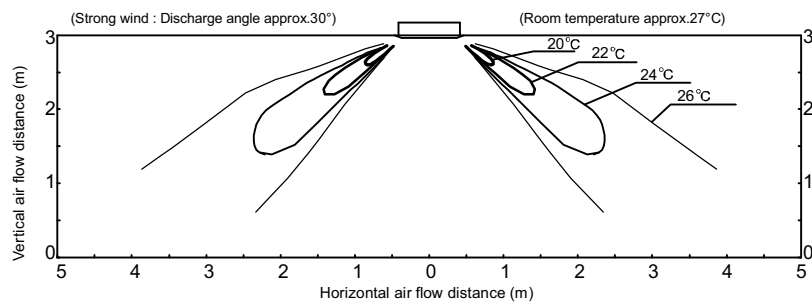
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



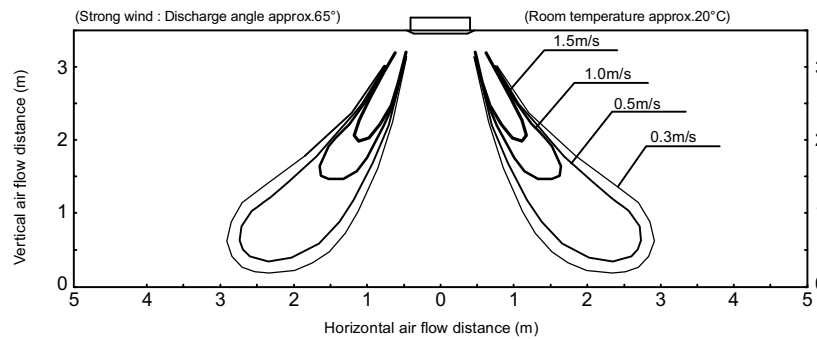
Cooling : Distribution of temperature



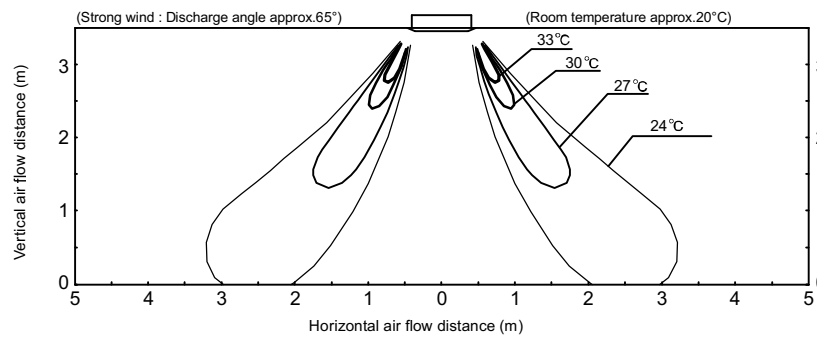
4-Way Cassette (Type U2)

S-100PU2E5A / 125PU2E5A / 140PU2E5A

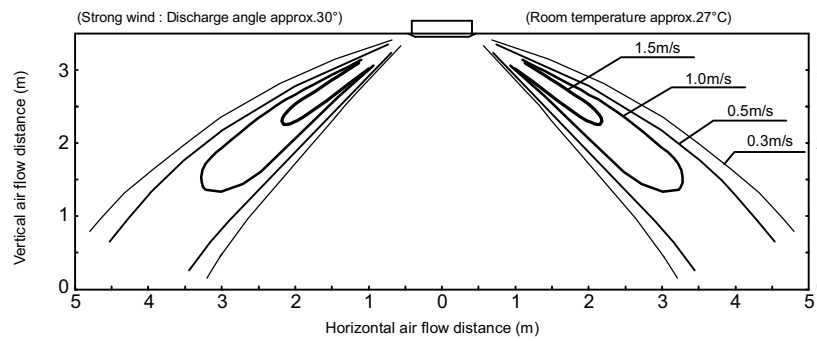
Heating : Distribution of wind velocity



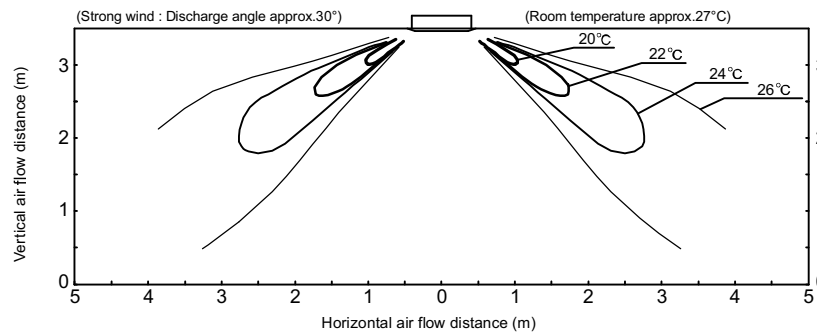
Heating : Distribution of temperature



Cooling : Distribution of wind velocity



Cooling : Distribution of temperature



1-9. Fresh Air Intake

1-9-1. Precautions Regarding External Air Intake

(1) Ventilation Load

Ensure that the design of the air-conditioner takes air-conditioning loads into consideration when external air intake is involved.

(2) Restrictions on External Air Intake

Ensure that the design conforms to the restrictions on air intake volume stipulated in accordance with the model of the indoor unit and the intake method. Consideration must also be taken to mixed air content listed in (3) below without fail.

- * If the air intake volume does not satisfy the required ventilation volume, air must be fed into the room separately with the use of a total heat exchanger or a fresh air processing air-conditioner, etc.

(3) Mixed Air

The amount of external air intake must be set within the scope of the unit's usage conditions when external air and internal air is mixed together. This is especially important in the following cases, in which it is necessary to either feed external air into the room after it has been processed or reduce the amount of external air that is fed in.

- ① When the external dew-point temperature is greater than the dry-bulb temperature of the air sucked into the unit
Ensure that processing is performed so that the external dew-point temperature is lower than the temperature of the air sucked into the unit to prevent the risk of condensation building up.
- ② In the case of low external temperatures
There are cases in which the temperature of mixed air is lower than the operating range of the unit if excessive amounts of external air intake are used when the external temperature is low.
This problem is to be solved by either feeding external air into the room after it has been processed or reducing the amount of external air that is fed in.
- ③ When used in combination with humidifiers
External air must always be processed when the external air temperature reaches freezing point to prevent the risk of the humidifier freezing.

(4) Arranging Ducts and Filters in the Field

External air intake ducting must be arranged in the field.
External air filters must also be installed without fail in order to prevent the intake of dust and grit.

(5) Thermal Insulation for Ducts

Ensure that all external air intake ducting is heat-insulated without fail. Failure to observe this may result in the build-up of condensation.

(6) External Air Intake Coupling

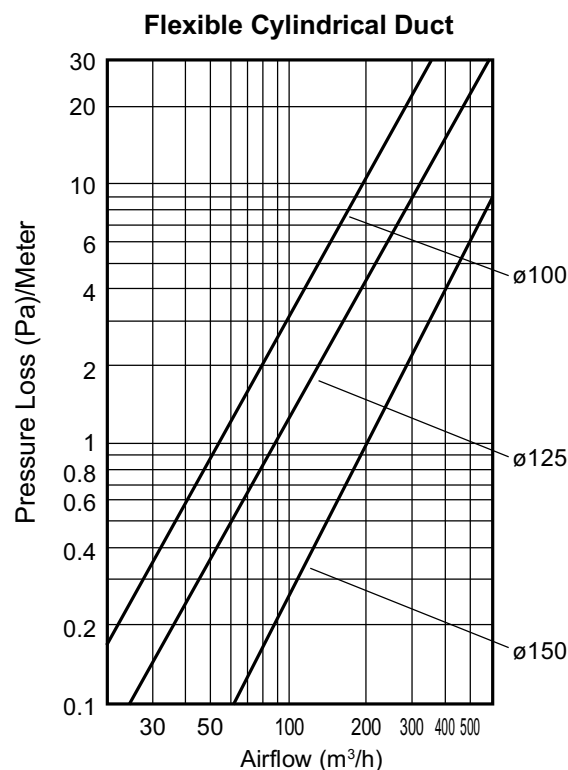
Ensure that the design for external air intake is coupled with the fan blower operations of the indoor unit.
There are cases in which the dust that accumulates in the filter is blown into the room if the external air is fed from the filter. There are also cases in which the noise of external air being fed into the room can be heard from the indoor unit if external air is forcibly fed when the booster fan or other components on the indoor unit are not operating.

(7) Booster Fan Selection

Select the booster fan in accordance with the resistance of the external air intake duct (diagram on the pressure loss characteristics of the air flow volume for flexible cylindrical ducts) and the resistance prevalent inside the unit (external air intake volume & resistance within unit / operation noise characteristics).

(8) Attaching the External Air Intake Flange

Regarding the installation direction of the external air intake duct, refer to the Installation Instructions provided with the external air intake duct.



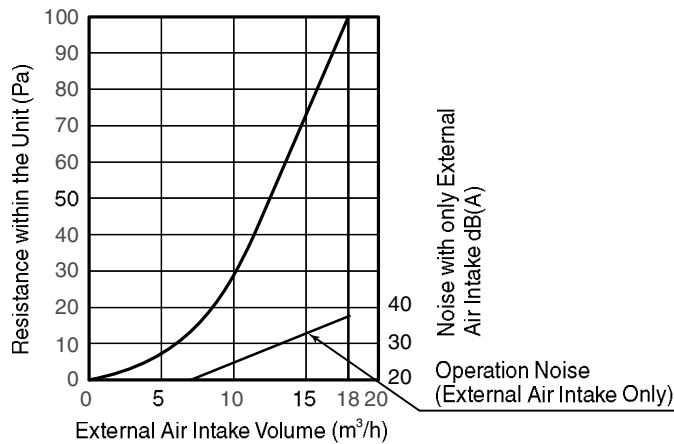
Air Flow Volume for Flexible Cylindrical Duct-Pressure Loss

1-9-2. External Air Intake Volume & Resistance Within Unit / Operation Noise Characteristics

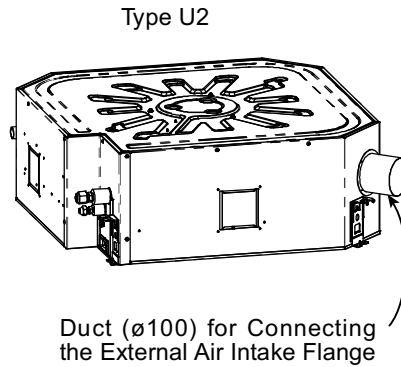
● 4-Way Cassette (Type U2)

When an External Air Intake Flange (ø100) is in Use

External Air Intake Volume and Resistance and Operation Noise Characteristics within the Unit



With the External Air Intake Flange Attached



- Calculate the operation noise when external air is being fed by combining the noise when only external air is being fed as shown in the graph for operation noise characteristics and the operation noise of the unit as stipulated in the catalogue.
- The operation noise conforms to JIS standards and constitute measurements taken in an anechoic chamber 1.5 m directly beneath the indoor unit. Under normal circumstances, the values shown here are greater owing to the effects of surrounding noise and reverberation when the unit is actually installed.

The amount of external air that is possible to feed when it is fed directly into the unit (ø100)

Type	36	45	50	60	71	100	125	140
Permissible Air Intake Volume (m³/h)	13	15	15	17	18	18	18	18

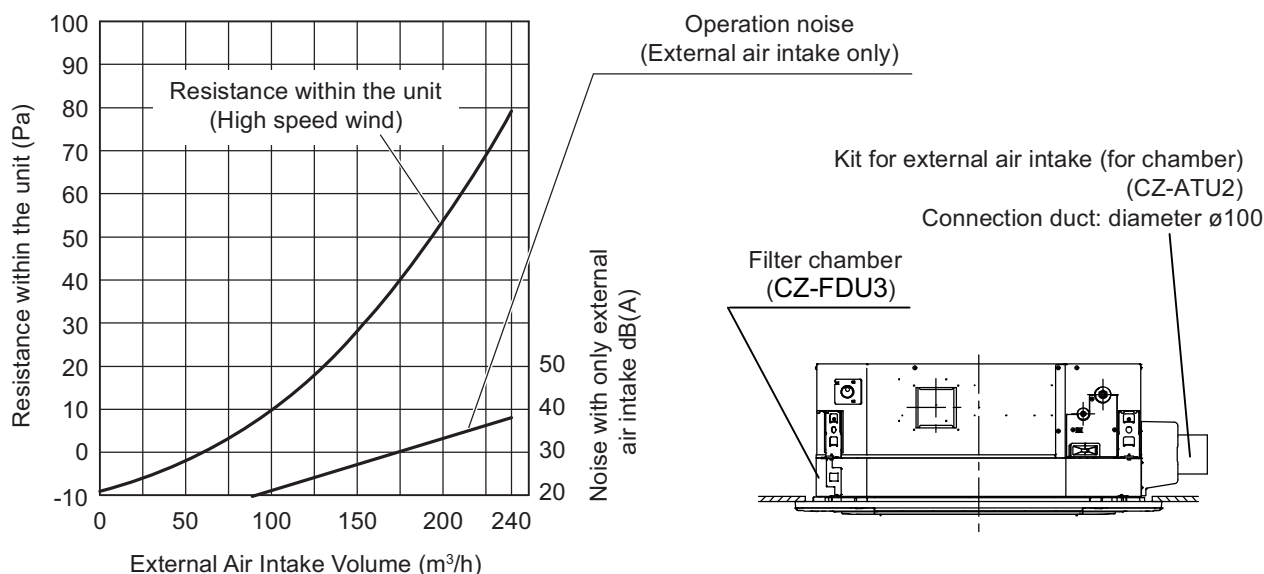
NOTE

The operation noise for models that use small units is lower, so use values that are within the range shown in the above table. Using values that exceed these will result in noise when only external air is fed being louder than the noise emitted from the unit.



CAUTION Use the following diagram along with the section "1-9-1. Precautions Regarding External Air Intake"

1-9-2-1. In a Case of External Air Intake Using Air Intake Chamber (CZ-FDU3+CZ-ATU2)



**External Air Intake Volume & Resistance Within Unit/
Operation Noise Characteristics**

With the External Air Intake Chamber Attached

1. Calculate the operation noise when external air is being fed by combining the noise when only external air is being fed as shown in the diagram for operation noise characteristics and the operation noise of the unit as stipulated in the catalogue.
2. The operation noise conforms to JIS standards and constitute measurements taken in an anechoic chamber 1.5m directly below the indoor unit. Under normal circumstances, the diagram shown above is greater owing to the effects of surrounding noise and reverberation when the unit is actually installed.

The amount of external air that is possible to feed when external air intake chamber is in use (CZ-FDU3+CZ-ATU2)

Type	36	45	50	60	71	100	125	140
Permissible air intake volume (m³/h)	180	180	180	190	240	240	240	240

* The operation noise for models that use small units is lower, so use values that are within the range shown in the above table. Using values that exceed these will result in noise when only external air is fed being louder than the noise emitted from the unit.

● Sample selection of booster fans

In a case of necessity at 200m³/h of external air intake:

1. Resistance within the unit Diagram from "Resistance within the unit" 55 Pa
2. Duct resistance in case of duct with 4m length

Duct resistance Diagram from "Air Flow Volume for Flexible Cylindrical Duct-Pressure Loss" 40 Pa (=10 Pa/m x 4m)

Total 95 Pa

Therefore, a booster is required to save a total 95 Pa of static pressure.

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Single Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

Model	Power Source	Ambient Return Air		Outdoor air intake temp(°C D.B.)														
				25°C			30°C			35°C			40°C			46°C		
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-36PU2E5A U-36PE2E5A	220V/230V/240V 50Hz 1phase	23	16	4.2	3.5	0.79	4.0	3.5	0.84	3.7	3.3	0.89	3.4	3.2	0.88	2.8	2.8	0.68
			19	4.5	2.6	0.81	4.3	2.5	0.86	4.0	2.4	0.91	3.7	2.3	0.89	3.0	2.0	0.68
			22	4.8	1.6	0.84	4.6	1.6	0.89	4.3	1.5	0.94	4.0	1.4	0.91	3.1	1.1	0.69
		25	16	4.2	4.1	0.79	4.0	4.0	0.84	3.7	3.7	0.89	3.4	3.4	0.88	2.8	2.8	0.68
			19	4.5	3.2	0.81	4.3	3.1	0.86	4.0	3.0	0.91	3.7	2.8	0.89	3.0	2.6	0.68
			22	4.8	2.2	0.84	4.6	2.1	0.89	4.3	2.0	0.94	4.0	1.9	0.91	3.1	1.6	0.69
		27	16	4.2	4.2	0.79	4.0	4.0	0.84	3.7	3.7	0.89	3.4	3.4	0.88	2.8	2.8	0.68
			19	4.5	3.7	0.81	4.3	3.6	0.86	4.0	3.5	0.91	3.7	3.4	0.89	3.0	3.0	0.68
			22	4.8	2.8	0.84	4.6	2.7	0.89	4.3	2.6	0.94	4.0	2.5	0.91	3.1	2.2	0.69
		29	16	4.2	4.2	0.79	4.0	4.0	0.84	3.7	3.7	0.89	3.4	3.4	0.88	2.8	2.8	0.68
			19	4.5	4.3	0.81	4.3	4.2	0.86	4.0	4.0	0.91	3.7	3.7	0.89	3.0	3.0	0.68
			22	4.8	3.3	0.84	4.6	3.2	0.89	4.3	3.1	0.94	4.0	3.0	0.91	3.1	2.7	0.69
		32	16	4.2	4.2	0.79	4.0	4.0	0.84	3.7	3.7	0.89	3.4	3.4	0.88	2.8	2.8	0.68
			19	4.5	4.5	0.81	4.3	4.3	0.86	4.0	4.0	0.91	3.7	3.7	0.89	3.0	3.0	0.68
			22	4.8	4.1	0.84	4.6	4.1	0.89	4.3	4.0	0.94	4.0	3.9	0.91	3.1	3.1	0.69
S-50PU2E5A U-50PE2E5A	220V/230V/240V 50Hz 1phase	23	16	5.9	4.5	1.41	5.5	4.4	1.50	5.2	4.2	1.59	4.8	4.0	1.57	3.9	3.6	1.20
			19	6.3	3.4	1.45	6.0	3.3	1.53	5.6	3.1	1.62	5.2	3.0	1.59	4.1	2.6	1.22
			22	6.8	2.4	1.49	6.4	2.2	1.58	6.1	2.1	1.67	5.5	1.9	1.62	4.4	1.5	1.23
		25	16	5.9	5.2	1.41	5.5	5.0	1.50	5.2	4.9	1.59	4.8	4.7	1.57	3.9	3.9	1.20
			19	6.3	4.1	1.45	6.0	3.9	1.53	5.6	3.8	1.62	5.2	3.6	1.59	4.1	3.2	1.22
			22	6.8	3.0	1.49	6.4	2.8	1.58	6.1	2.7	1.67	5.5	2.5	1.62	4.4	2.1	1.23
		27	16	5.9	5.9	1.41	5.5	5.5	1.50	5.2	5.2	1.59	4.8	4.8	1.57	3.9	3.9	1.20
			19	6.3	4.7	1.45	6.0	4.6	1.53	5.6	4.4	1.62	5.2	4.3	1.59	4.1	3.8	1.22
			22	6.8	3.6	1.49	6.4	3.5	1.58	6.1	3.4	1.67	5.5	3.1	1.62	4.4	2.8	1.23
		29	16	5.9	5.9	1.41	5.5	5.5	1.50	5.2	5.2	1.59	4.8	4.8	1.57	3.9	3.9	1.20
			19	6.3	5.3	1.45	6.0	5.2	1.53	5.6	5.1	1.62	5.2	4.9	1.59	4.1	4.1	1.22
			22	6.8	4.3	1.49	6.4	4.1	1.58	6.1	4.0	1.67	5.5	3.8	1.62	4.4	3.4	1.23
		32	16	5.9	5.9	1.41	5.5	5.5	1.50	5.2	5.2	1.59	4.8	4.8	1.57	3.9	3.9	1.20
			19	6.3	6.3	1.45	6.0	6.0	1.53	5.6	5.6	1.62	5.2	5.2	1.59	4.1	4.1	1.22
			22	6.8	5.2	1.49	6.4	5.1	1.58	6.1	4.9	1.67	5.5	4.7	1.62	4.4	4.3	1.23
S-60PU2E5A U-60PE2E5A	220V/230V/240V 50Hz 1phase	23	16	7.1	5.6	1.81	6.8	5.4	1.98	6.5	5.3	2.14	6.1	5.1	2.08	5.0	4.6	1.38
			19	7.8	4.3	1.86	7.4	4.1	2.03	7.1	4.0	2.20	6.7	3.8	2.14	5.3	3.3	1.40
			22	8.6	3.0	1.90	8.2	2.8	2.07	7.8	2.7	2.25	7.3	2.5	2.18	5.7	2.0	1.42
		25	16	7.1	6.4	1.81	6.8	6.3	1.98	6.5	6.1	2.14	6.1	5.9	2.08	5.0	5.0	1.38
			19	7.8	5.1	1.86	7.4	4.9	2.03	7.1	4.8	2.20	6.7	4.6	2.14	5.3	4.1	1.40
			22	8.6	3.8	1.90	8.2	3.6	2.07	7.8	3.5	2.25	7.3	3.3	2.18	5.7	2.8	1.42
		27	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	5.9	1.86	7.4	5.7	2.03	7.1	5.6	2.20	6.7	5.4	2.14	5.3	4.9	1.40
			22	8.6	4.6	1.90	8.2	4.4	2.07	7.8	4.3	2.25	7.3	4.1	2.18	5.7	3.6	1.42
		29	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	6.7	1.86	7.4	6.5	2.03	7.1	6.4	2.20	6.7	6.2	2.14	5.3	5.3	1.40
			22	8.6	5.4	1.90	8.2	5.2	2.07	7.8	5.1	2.25	7.3	4.9	2.18	5.7	4.3	1.42
		32	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	7.8	1.86	7.4	7.4	2.03	7.1	7.1	2.20	6.7	6.7	2.14	5.3	5.3	1.40
			22	8.6	6.6	1.90	8.2	6.4	2.07	7.8	6.3	2.25	7.3	6.1	2.18	5.7	5.5	1.42

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Single Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

Model	Power Source	Ambient Return Air		Outdoor air intake temp(°C D.B.)														
				25°C			30°C			35°C			40°C			46°C		
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-71PU2E5A U-71PE1E5A (U-71PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	8.1	6.2	2.25	7.9	6.1	2.41	7.6	5.9	2.59	7.2	5.7	2.57	6.3	5.3	2.20
			19	8.5	4.6	2.33	8.3	4.5	2.49	8.0	4.4	2.65	7.5	4.2	2.60	6.6	3.8	2.23
			22	9.0	3.1	2.44	8.7	3.0	2.58	8.3	2.9	2.73	7.8	2.7	2.62	6.8	2.3	2.25
		25	16	8.1	7.0	2.25	7.9	6.9	2.41	7.6	6.8	2.59	7.2	6.6	2.57	6.3	6.2	2.20
			19	8.5	5.5	2.33	8.3	5.4	2.49	8.0	5.2	2.65	7.5	5.0	2.60	6.6	4.7	2.23
			22	9.0	4.0	2.44	8.7	3.8	2.58	8.3	3.7	2.73	7.8	3.5	2.62	6.8	3.2	2.25
		27	16	8.1	7.9	2.25	7.9	7.8	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	6.3	2.33	8.3	6.2	2.49	8.0	6.1	2.65	7.5	5.9	2.60	6.6	5.5	2.23
			22	9.0	4.8	2.44	8.7	4.7	2.58	8.3	4.5	2.73	7.8	4.4	2.62	6.8	4.0	2.25
		29	16	8.1	8.1	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	7.2	2.33	8.3	7.1	2.49	8.0	6.9	2.65	7.5	6.7	2.60	6.6	6.4	2.23
			22	9.0	5.7	2.44	8.7	5.5	2.58	8.3	5.4	2.73	7.8	5.2	2.62	6.8	4.9	2.25
		32	16	8.1	8.1	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	8.5	2.33	8.3	8.3	2.49	8.0	8.0	2.65	7.5	7.5	2.60	6.6	6.6	2.23
			22	9.0	6.9	2.44	8.7	6.8	2.58	8.3	6.6	2.73	7.8	6.5	2.62	6.8	6.1	2.25
S-100PU2E5A U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	11.4	9.2	3.00	11.4	9.2	3.23	10.9	9.0	3.43	10.2	8.6	3.57	7.4	7.4	2.92
			19	12.1	6.8	3.13	12.1	6.8	3.36	11.7	6.6	3.58	10.9	6.3	3.72	7.9	5.2	3.04
			22	13.3	4.5	3.24	13.3	4.5	3.48	12.8	4.4	3.70	11.9	4.1	3.85	8.7	3.0	3.15
		25	16	11.8	10.8	3.05	11.8	10.8	3.28	11.3	10.5	3.49	10.5	10.2	3.63	7.7	7.7	2.97
			19	12.6	8.4	3.18	12.6	8.4	3.42	12.1	8.2	3.64	11.2	7.8	3.79	8.2	6.6	3.09
			22	13.8	6.1	3.29	13.8	6.1	3.54	13.2	5.9	3.77	12.3	5.6	3.92	9.0	4.5	3.20
		27	16	12.2	12.2	3.10	12.2	12.2	3.33	11.7	11.7	3.55	10.9	10.9	3.69	8.0	8.0	3.02
			19	13.0	9.9	3.24	13.0	9.9	3.48	12.5	9.7	3.70	11.6	9.3	3.85	8.5	8.1	3.15
			22	14.2	7.6	3.35	14.2	7.6	3.60	13.7	7.5	3.83	12.7	7.1	3.98	9.3	5.9	3.25
		29	16	12.4	12.4	3.11	12.4	12.4	3.34	11.9	11.9	3.56	11.0	11.0	3.70	8.1	8.1	3.02
			19	13.2	11.4	3.25	13.2	11.4	3.49	12.7	11.2	3.71	11.8	10.8	3.86	8.6	8.6	3.15
			22	14.5	9.1	3.36	14.5	9.1	3.61	13.9	8.9	3.84	12.9	8.5	3.99	9.5	7.3	3.26
		32	16	12.5	12.5	3.12	12.5	12.5	3.35	12.1	12.1	3.56	11.2	11.2	3.71	8.2	8.2	3.03
			19	13.4	13.4	3.25	13.4	13.4	3.50	12.9	12.9	3.72	12.0	12.0	3.87	8.8	8.8	3.16
			22	14.7	11.3	3.37	14.7	11.3	3.62	14.1	11.0	3.85	13.1	10.7	4.00	9.6	9.4	3.27
S-125PU2E5A U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.7	9.9	3.73	12.7	9.9	4.01	12.2	9.7	4.27	11.4	9.3	4.44	8.3	7.9	3.63
			19	13.6	7.4	3.89	13.6	7.4	4.18	13.1	7.2	4.45	12.2	6.9	4.63	8.9	5.6	3.78
			22	14.9	5.2	4.03	14.9	5.2	4.33	14.3	4.9	4.60	13.3	4.6	4.79	9.7	3.3	3.91
		25	16	13.2	11.6	3.80	13.2	11.6	4.08	12.7	11.3	4.34	11.8	10.9	4.51	8.6	8.6	3.69
			19	14.1	9.1	3.96	14.1	9.1	4.25	13.5	8.8	4.52	12.6	8.5	4.71	9.2	7.1	3.85
			22	15.4	6.7	4.10	15.4	6.7	4.40	14.8	6.5	4.68	13.8	6.1	4.87	10.1	4.9	3.98
		27	16	13.6	13.2	3.86	13.6	13.2	4.15	13.1	13.0	4.41	12.2	12.2	4.59	8.9	8.9	3.75
			19	14.6	10.7	4.03	14.6	10.7	4.32	14.0	10.5	4.60	13.0	10.0	4.78	9.5	8.7	3.91
			22	16.0	8.4	4.16	16.0	8.4	4.47	15.3	8.1	4.76	14.3	7.7	4.95	10.4	6.4	4.05
		29	16	13.8	13.8	3.87	13.8	13.8	4.16	13.3	13.3	4.42	12.4	12.4	4.60	9.0	9.0	3.76
			19	14.8	12.2	4.03	14.8	12.2	4.33	14.2	12.0	4.61	13.2	11.6	4.80	9.7	9.7	3.92
			22	16.2	9.9	4.17	16.2	9.9	4.48	15.6	9.7	4.77	14.5	9.2	4.96	10.6	7.8	4.06
		32	16	14.0	14.0	3.88	14.0	14.0	4.17	13.5	13.5	4.43	12.6	12.6	4.61	9.2	9.2	3.77
			19	15.0	14.5	4.04	15.0	14.5	4.35	14.4	14.2	4.62	13.4	13.4	4.81	9.8	9.8	3.93
			22	16.4	12.1	4.18	16.4	12.1	4.50	15.8	11.9	4.78	14.7	11.5	4.97	10.7	10.0	4.07
S-140PU2E5A U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	14.1	10.7	4.66	14.1	10.7	5.00	13.6	10.4	5.32	12.6	10.0	5.54	9.2	8.4	4.52
			19	15.1	8.1	4.86	15.1	8.1	5.22	14.5	7.9	5.55	13.5	7.5	5.77	9.8	6.0	4.72
			22	16.5	5.7	5.03	16.5	5.7	5.40	15.9	5.5	5.74	14.8	5.1	5.97	10.8	3.7	4.88
		25	16	14.6	12.4	4.74	14.6	12.4	5.09	14.0	12.1	5.41	13.1	11.7	5.63	9.5	9.5	4.60
			19	15.6	9.8	4.94	15.6	9.8	5.31	15.0	9.6	5.65	13.9	9.1	5.87	10.2	7.6	4.80
			22	17.1	7.4	5.11	17.1	7.4	5.49	16.4	7.1	5.84	15.3	6.7	6.08	11.2	5.3	4.97
		27	16	15.1	14.1	4.81	15.1	14.1	5.17	14.5	13.8	5.50	13.5	13.4	5.72	9.9	9.9	4.68
			19	16.1	11.5	5.02	16.1	11.5	5.40	15.5	11.2	5.74	14.4	10.7	5.97	10.5	9.2	4.88
			22	17.7	9.1	5.20	17.7	9.1	5.58	17.0	8.8	5.94	15.8	8.4	6.18	11.5	6.8	5.05
		29	16	15.3	15.3	4.83	15.3	15.3	5.19	14.7	14.7	5.52	13.7	13.7	5.74	10.0	10.0	4.69
			19	16.4	13.1	5.03	16.4	13.1	5.41	15.7	12.8	5.75	14.6	12.3	5.98	10.7	10.7	4.89
			22	17.9	10.7	5.21	17.9	10.7	5.60	17.2	10.4	5.95	16.0	9.9	6.19	11.7	8.3	5.06
		32	16	15.5	15.5	4.84	15.5	15.5	5.20	14.9	14.9	5.53	13.9	13.9	5.75	10.2	10.2	4.70
			19	16.6	15.4	5.05	16.6	15.4	5.42	16.0	15.2	5.77	14.8	14.6	6.00	10.9	10.9	4.90
			22	18.2	13.0	5.22	18.2	13.0	5.61	17.5	12.7	5.97	16.3	12.2	6.21	11.9	10.6	5.07

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Multiple Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

			Outdoor air intake temp(°C D.B.)															
Model	Power Source	Ambient Return Air	25°C			30°C			35°C			40°C			46°C			
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-36PU2E5A×2 U-71PE1E5A (U-71PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	8.1	6.9	2.25	7.9	6.8	2.41	7.6	6.7	2.59	7.2	6.5	2.57	6.3	6.1	2.20
			19	8.5	5.0	2.33	8.3	4.9	2.49	8.0	4.8	2.65	7.5	4.6	2.60	6.6	4.2	2.23
			22	9.0	3.1	2.44	8.7	3.0	2.58	8.3	2.9	2.73	7.8	2.7	2.62	6.8	2.4	2.25
		25	16	8.1	8.0	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	6.1	2.33	8.3	6.0	2.49	8.0	5.9	2.65	7.5	5.7	2.60	6.6	5.3	2.23
			22	9.0	4.2	2.44	8.7	4.1	2.58	8.3	3.9	2.73	7.8	3.8	2.62	6.8	3.4	2.25
		27	16	8.1	8.1	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	7.2	2.33	8.3	7.1	2.49	8.0	7.0	2.65	7.5	6.8	2.60	6.6	6.5	2.23
			22	9.0	5.3	2.44	8.7	5.2	2.58	8.3	5.1	2.73	7.8	4.9	2.62	6.8	4.6	2.25
		29	16	8.1	8.1	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	8.3	2.33	8.3	8.2	2.49	8.0	8.0	2.65	7.5	7.5	2.60	6.6	6.6	2.23
			22	9.0	6.4	2.44	8.7	6.3	2.58	8.3	6.1	2.73	7.8	6.0	2.62	6.8	5.6	2.25
		32	16	8.1	8.1	2.25	7.9	7.9	2.41	7.6	7.6	2.59	7.2	7.2	2.57	6.3	6.3	2.20
			19	8.5	8.5	2.33	8.3	8.3	2.49	8.0	8.0	2.65	7.5	7.5	2.60	6.6	6.6	2.23
			22	9.0	8.0	2.44	8.7	7.9	2.58	8.3	7.8	2.73	7.8	7.6	2.62	6.8	6.8	2.25
S-36PU2E5A×3 U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	11.4	10.0	3.00	11.4	10.0	3.23	10.9	9.8	3.43	10.2	9.5	3.57	7.4	7.4	2.92
			19	12.1	7.2	3.13	12.1	7.2	3.36	11.7	7.0	3.58	10.9	6.8	3.72	7.9	5.6	3.04
			22	13.3	4.5	3.24	13.3	4.6	3.48	12.8	4.4	3.70	11.9	4.1	3.85	8.7	3.0	3.15
		25	16	11.8	11.8	3.05	11.8	11.8	3.28	11.3	11.3	3.49	10.5	10.5	3.63	7.7	7.7	2.97
			19	12.6	9.0	3.18	12.6	9.1	3.42	12.1	8.9	3.64	11.2	8.5	3.79	8.2	7.3	3.09
			22	13.8	6.4	3.29	13.8	6.4	3.54	13.2	6.2	3.77	12.3	5.9	3.92	9.0	4.8	3.20
		27	16	12.2	12.2	3.10	12.2	12.2	3.33	11.7	11.7	3.55	10.9	10.9	3.69	8.0	8.0	3.02
			19	13.0	10.9	3.24	13.0	10.9	3.48	12.5	10.7	3.70	11.6	10.3	3.85	8.5	8.5	3.15
			22	14.2	8.2	3.35	14.2	8.2	3.60	13.7	8.0	3.83	12.7	7.7	3.98	9.3	6.5	3.25
		29	16	12.4	12.4	3.11	12.4	12.4	3.34	11.9	11.9	3.56	11.0	11.0	3.70	8.1	8.1	3.02
			19	13.2	12.6	3.25	13.2	12.6	3.49	12.7	12.4	3.71	11.8	11.8	3.86	8.6	8.6	3.15
			22	14.5	9.9	3.36	14.5	9.9	3.61	13.9	9.7	3.84	12.9	9.4	3.99	9.5	8.2	3.26
		32	16	12.5	12.5	3.12	12.5	12.5	3.35	12.1	12.1	3.56	11.2	11.2	3.71	8.2	8.2	3.03
			19	13.4	13.4	3.25	13.4	13.4	3.50	12.9	12.9	3.72	12.0	12.0	3.87	8.8	8.8	3.16
			22	14.7	12.5	3.37	14.7	12.5	3.62	14.1	12.3	3.85	13.1	11.9	4.00	9.6	9.6	3.27
S-50PU2E5A×2 U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	11.4	8.9	3.00	11.4	8.9	3.23	10.9	8.7	3.43	10.2	8.3	3.57	7.4	7.1	2.92
			19	12.1	6.6	3.13	12.1	6.6	3.36	11.7	6.5	3.58	10.9	6.2	3.72	7.9	5.0	3.04
			22	13.3	4.6	3.24	13.3	4.6	3.48	12.8	4.4	3.70	11.9	4.1	3.85	8.7	3.0	3.15
		25	16	11.8	10.4	3.05	11.8	10.4	3.28	11.3	10.1	3.49	10.5	9.8	3.63	7.7	7.7	2.97
			19	12.6	8.1	3.18	12.6	8.1	3.42	12.1	7.9	3.64	11.2	7.5	3.79	8.2	6.4	3.09
			22	13.8	6.1	3.29	13.8	6.1	3.54	13.2	5.9	3.77	12.3	5.5	3.92	9.0	4.4	3.20
		27	16	12.2	11.9	3.10	12.2	11.9	3.33	11.7	11.6	3.55	10.9	10.9	3.69	8.0	8.0	3.02
			19	13.0	9.6	3.24	13.0	9.6	3.48	12.5	9.4	3.70	11.6	9.0	3.85	8.5	7.7	3.15
			22	14.2	7.5	3.35	14.2	7.5	3.60	13.7	7.3	3.83	12.7	6.9	3.98	9.3	5.7	3.25
		29	16	12.4	12.4	3.11	12.4	12.4	3.34	11.9	11.9	3.56	11.0	11.0	3.70	8.1	8.1	3.02
			19	13.2	11.0	3.25	13.2	11.0	3.49	12.7	10.7	3.71	11.8	10.4	3.86	8.6	8.6	3.15
			22	14.5	8.9	3.36	14.5	8.9	3.61	13.9	8.6	3.84	12.9	8.2	3.99	9.5	7.0	3.26
		32	16	12.5	12.5	3.12	12.5	12.5	3.35	12.1	12.1	3.56	11.2	11.2	3.71	8.2	8.2	3.03
			19	13.4	13.0	3.25	13.4	13.0	3.50	12.9	12.7	3.72	12.0	12.0	3.87	8.8	8.8	3.16
			22	14.7	10.8	3.37	14.7	10.8	3.62	14.1	10.6	3.85	13.1	10.2	4.00	9.6	8.9	3.27
S-36PU2E5A×4 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.7	12.2	3.73	12.7	12.2	4.01	12.2	12.0	4.27	11.4	11.4	4.44	8.3	8.3	3.63
			19	13.6	8.6	3.89	13.6	8.6	4.18	13.1	8.4	4.45	12.2	8.1	4.63	8.9	6.9	3.78
			22	14.9	5.1	4.03	14.9	5.1	4.33	14.3	4.9	4.60	13.3	4.6	4.79	9.7	3.5	3.91
		25	16	13.2	13.2	3.80	13.2	13.2	4.08	12.7	12.7	4.34	11.8	11.8	4.51	8.6	8.6	3.69
			19	14.1	11.0	3.96	14.1	11.0	4.25	13.5	10.8	4.52	12.6	10.5	4.71	9.2	9.2	3.85
			22	15.4	7.5	4.10	15.4	7.5	4.40	14.8	7.3	4.68	13.8	6.9	4.87	10.1	5.8	3.98
		27	16	13.6	13.6	3.86	13.6	13.6	4.15	13.1	13.1	4.41	12.2	12.2	4.59	8.9	8.9	3.75
			19	14.6	13.4	4.03	14.6	13.4	4.32	14.0	13.2	4.60	13.0	12.8	4.78	9.5	9.5	3.91
			22	16.0	9.9	4.16	16.0	9.9	4.47	15.3	9.6	4.76	14.3	9.3	4.95	10.4	8.1	4.05
		29	16	13.8	13.8	3.87	13.8	13.8	4.16	13.3	13.3	4.42	12.4	12.4	4.60	9.0	9.0	3.76
			19	14.8	14.8	4.03	14.8	14.8	4.33	14.2	14.2	4.61	13.2	13.2	4.80	9.7	9.7	3.92
			22	16.2	12.1	4.17	16.2	12.1	4.48	15.6	11.9	4.77	14.5	11.6	4.96	10.6	10.3	4.06
		32	16	14.0	14.0	3.88	14.0	14.0	4.17	13.5	13.5	4.43	12.6	12.6	4.61	9.2	9.2	3.77
			19	15.0	15.0	4.04	15.0	15.0	4.35	14.4	14.4	4.62	13.4	13.4	4.81	9.8	9.8	3.93
			22	16.4	15.5	4.18	16.4	15.5	4.50	15.8	15.3	4.78	14.7	14.7	4.97	10.7	10.7	4.07
S-45PU2E5A×3 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.7	11.0	3.73	12.7	11.0	4.01	12.2	10.7	4.27	11.4	10.4	4.44	8.3	8.3	3.63
			19	13.6	7.9	3.89	13.6	7.9	4.18	13.1	7.8	4.45	12.2	7.4	4.63	8.9	6.1	3.78
			22	14.9	5.1	4.03	14.9	5.1	4.33	14.3	4.9	4.60	13.3	4.6	4.79	9.7	3.4	3.91
		25	16	13.2	13.0	3.80	13.2	13.0	4.08	12.7	12.7	4.34	11.8	11.8	4.51	8.6	8.6	3.69
			19	14.1	9.9	3.96	14.1	9.9	4.25	13.5	9.7	4.52	12.6	9.3	4.71	9.2	8.0	3.85
			22	15.4	7.0	4.10	15.4	7.0	4.40	14.8	6.9	4.68	13.8	6.5	4.87	10.1	5.3	3.98
		27	16	13.6	13.6	3.86	13.6	13.6	4.15	13.1	13.1	4.41	12.2	12.2	4.59	8.9	8.9	3.75
			19	14.6	11.9	4.03	14.6	11.9	4.32	14.0	11.7	4.60	13.0	11.3	4.78	9.5	9.5	3.91
			22	16.0	9.0	4.16	16.0	9.0	4.47	15.3	8.8	4.76	14.3	8.4	4.95	10.4	7.1	4.05
		29	16	13.8	13.8	3.87	13.8	13.8	4.16	13.3	13.3	4.42	12.4	12.4	4.60	9.0	9.0	3.76
			19	14.8	13.8	4.03	14.8	13.8	4.33	14.2	13.6	4.61	13.2	13.2	4.80	9.7	9.7	3.92
			22	16.2	10.9	4.17	16.2	10.9	4.48	15.6	10.7	4.77	14.5	10.3	4.96	10.6	8.9	4.06
		32	16	14.0	14.0	3.88	14.0	14.0	4.17	13.5	13.5	4.43	12.6	12.6	4.61	9.2	9.2	3.77
			19	15.0	15.0	4.04	15.0	15.0	4.35	14.4	14.4	4.62	13.4	13.4	4.81	9.8	9.8	3.93
			22	16.4	13.6	4.18	16.4	13.6	4.50	15.8	13.4	4.78	14.7	13.0	4.97	10.7	10.7	4.07

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Multiple Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

			Outdoor air intake temp(°C D.B.)															
Model	Power Source	Ambient Return Air		25°C			30°C			35°C			40°C			46°C		
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-60PU2E5Ax2 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.7	10.5	3.73	12.7	10.5	4.01	12.2	10.2	4.27	11.4	9.9	4.44	8.3	8.3	3.63
			19	13.6	7.7	3.89	13.6	7.7	4.18	13.1	7.5	4.45	12.2	7.1	4.63	8.9	5.9	3.78
			22	14.9	5.1	4.03	14.9	5.1	4.33	14.3	4.9	4.60	13.3	4.5	4.79	9.7	3.3	3.91
		25	16	13.2	12.3	3.80	13.2	12.3	4.08	12.7	12.1	4.34	11.8	11.7	4.51	8.6	8.6	3.66
			19	14.1	9.5	3.96	14.1	9.5	4.25	13.5	9.3	4.52	12.6	8.9	4.71	9.2	7.6	3.85
			22	15.4	6.9	4.10	15.4	6.9	4.40	14.8	6.7	4.68	13.8	6.3	4.87	10.1	5.1	3.98
		27	16	13.6	13.6	3.86	13.6	13.6	4.15	13.1	13.1	4.41	12.2	12.2	4.59	8.9	8.9	3.75
			19	14.6	11.4	4.03	14.6	11.4	4.32	14.0	11.1	4.60	13.0	10.7	4.78	9.5	9.3	3.91
			22	16.0	8.7	4.16	16.0	8.7	4.47	15.3	8.5	4.76	14.3	8.1	4.95	10.4	6.8	4.05
		29	16	13.8	13.8	3.87	13.8	13.8	4.16	13.3	13.3	4.42	12.4	12.4	4.60	9.0	9.0	3.76
			19	14.8	13.0	4.03	14.8	13.0	4.33	14.2	12.8	4.61	13.2	12.4	4.80	9.7	9.7	3.92
			22	16.2	10.4	4.17	16.2	10.4	4.48	15.6	10.2	4.77	14.5	9.8	4.96	10.6	8.4	4.06
		32	16	14.0	14.0	3.88	14.0	14.0	4.17	13.5	13.5	4.43	12.6	12.6	4.61	9.2	9.2	3.77
			19	15.0	15.0	4.04	15.0	15.0	4.35	14.4	14.4	4.62	13.4	13.4	4.81	9.8	9.8	3.93
			22	16.4	12.9	4.18	16.4	12.9	4.50	15.8	12.6	4.78	14.7	12.3	4.97	10.7	10.7	4.07
S-50PU2E5Ax3 U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	14.1	11.9	4.66	14.1	11.9	5.00	13.6	11.7	5.32	12.6	11.2	5.54	9.2	9.2	4.52
			19	15.1	8.7	4.86	15.1	8.7	5.22	14.5	8.5	5.55	13.5	8.1	5.77	9.8	6.6	4.72
			22	16.5	5.6	5.03	16.5	5.6	5.40	15.9	5.4	5.74	14.8	5.1	5.97	10.8	3.7	4.88
		25	16	14.6	14.1	4.74	14.6	14.1	5.09	14.0	13.8	5.41	13.1	13.1	5.63	9.5	9.5	4.60
			19	15.6	10.8	4.94	15.6	10.8	5.31	15.0	10.6	5.65	13.9	10.1	5.87	10.2	8.7	4.80
			22	17.1	7.7	5.11	17.1	7.7	5.49	16.4	7.5	5.84	15.3	7.1	6.08	11.2	5.7	4.97
		27	16	15.1	15.1	4.81	15.1	15.1	5.17	14.5	14.5	5.50	13.5	13.5	5.72	9.9	9.9	4.68
			19	16.1	12.9	5.02	16.1	12.9	5.40	15.5	12.7	5.74	14.4	12.2	5.97	10.5	10.5	4.88
			22	17.7	9.8	5.20	17.7	9.8	5.58	17.0	9.6	5.94	15.8	9.2	6.18	11.5	7.7	5.05
		29	16	15.3	15.3	4.83	15.3	15.3	5.19	14.7	14.7	5.52	13.7	13.7	5.74	10.0	10.0	4.69
			19	16.4	14.9	5.03	16.4	14.9	5.41	15.7	14.6	5.75	14.6	14.2	5.98	10.7	10.7	4.89
			22	17.9	11.8	5.21	17.9	11.8	5.60	17.2	11.5	5.95	16.0	11.1	6.19	11.7	9.7	5.06
		32	16	15.5	15.5	4.84	15.5	15.5	5.20	14.9	14.9	5.53	13.9	13.9	5.75	10.2	10.2	4.70
			19	16.6	16.6	5.05	16.6	16.6	5.42	16.0	16.0	5.77	14.8	14.8	6.00	10.9	10.9	4.90
			22	18.2	14.7	5.22	18.2	14.7	5.61	17.5	14.5	5.97	16.3	14.0	6.21	11.9	11.9	5.07
S-71PU2E5Ax2 U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	14.1	11.3	4.66	14.1	11.3	5.00	13.6	11.1	5.32	12.6	10.6	5.54	9.2	9.1	4.52
			19	15.1	8.4	4.86	15.1	8.4	5.22	14.5	8.2	5.55	13.5	7.8	5.77	9.8	6.4	4.72
			22	16.5	5.7	5.03	16.5	5.7	5.40	15.9	5.5	5.74	14.8	5.1	5.97	10.8	3.7	4.88
		25	16	14.6	13.3	4.74	14.6	13.3	5.09	14.0	13.0	5.41	13.1	12.6	5.63	9.5	9.5	4.60
			19	15.6	10.3	4.94	15.6	10.3	5.31	15.0	10.1	5.65	13.9	9.6	5.87	10.2	8.2	4.80
			22	17.1	7.6	5.11	17.1	7.6	5.49	16.4	7.3	5.84	15.3	6.9	6.08	11.2	5.5	4.97
		27	16	15.1	15.1	4.81	15.1	15.1	5.17	14.5	14.5	5.50	13.5	13.5	5.72	9.9	9.9	4.68
			19	16.1	12.2	5.02	16.1	12.2	5.40	15.5	12.0	5.74	14.4	11.5	5.97	10.5	10.0	4.88
			22	17.7	9.5	5.20	17.7	9.5	5.58	17.0	9.2	5.94	15.8	8.8	6.18	11.5	7.3	5.05
		29	16	15.3	15.3	4.83	15.3	15.3	5.19	14.7	14.7	5.52	13.7	13.7	5.74	10.0	10.0	4.69
			19	16.4	14.1	5.03	16.4	14.1	5.41	15.7	13.8	5.75	14.6	13.3	5.98	10.7	10.7	4.89
			22	17.9	11.3	5.21	17.9	11.3	5.60	17.2	11.0	5.95	16.0	10.5	6.19	11.7	9.0	5.06
		32	16	15.5	15.5	4.84	15.5	15.5	5.20	14.9	14.9	5.53	13.9	13.9	5.75	10.2	10.2	4.70
			19	16.6	16.6	5.05	16.6	16.6	5.42	16.0	16.0	5.77	14.8	14.8	6.00	10.9	10.9	4.90
			22	18.2	13.9	5.22	18.2	13.9	5.61	17.5	13.7	5.97	16.3	13.1	6.21	11.9	11.6	5.07

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Single Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

			Outdoor air intake temp(°C D.B.)															
Model	Power Source	Ambient Return Air	25°C			30°C			35°C			40°C			43°C			
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-60PU2E5A U-60PEY2E5	220V/230V/240V 50Hz 1phase	23	16	7.1	5.6	1.81	6.8	5.4	1.98	6.5	5.3	2.14	6.1	5.1	2.08	5.0	4.6	1.38
			19	7.8	4.3	1.86	7.4	4.1	2.03	7.1	4.0	2.20	6.7	3.8	2.14	5.3	3.3	1.40
			22	8.6	3.0	1.90	8.2	2.8	2.07	7.8	2.7	2.25	7.3	2.5	2.18	5.7	2.0	1.42
		25	16	7.1	6.4	1.81	6.8	6.3	1.98	6.5	6.1	2.14	6.1	5.9	2.08	5.0	5.0	1.38
			19	7.8	5.1	1.86	7.4	4.9	2.03	7.1	4.8	2.20	6.7	4.6	2.14	5.3	4.1	1.40
			22	8.6	3.8	1.90	8.2	3.6	2.07	7.8	3.5	2.25	7.3	3.3	2.18	5.7	2.8	1.42
		27	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	5.9	1.86	7.4	5.7	2.03	7.1	5.6	2.20	6.7	5.4	2.14	5.3	4.9	1.40
			22	8.6	4.6	1.90	8.2	4.4	2.07	7.8	4.3	2.25	7.3	4.1	2.18	5.7	3.6	1.42
		29	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	6.7	1.86	7.4	6.5	2.03	7.1	6.4	2.20	6.7	6.2	2.14	5.3	5.3	1.40
			22	8.6	5.4	1.90	8.2	5.2	2.07	7.8	5.1	2.25	7.3	4.9	2.18	5.7	4.3	1.42
		32	16	7.1	7.1	1.81	6.8	6.8	1.98	6.5	6.5	2.14	6.1	6.1	2.08	5.0	5.0	1.38
			19	7.8	7.8	1.86	7.4	7.4	2.03	7.1	7.1	2.20	6.7	6.7	2.14	5.3	5.3	1.40
			22	8.6	6.6	1.90	8.2	6.4	2.07	7.8	6.3	2.25	7.3	6.1	2.18	5.7	5.5	1.42
S-71PU2E5A U-71PEY21E5	220V/230V/240V 50Hz 1phase	23	16	7.7	6.0	2.19	7.4	5.8	2.38	7.1	5.7	2.58	6.7	5.5	2.18	5.4	4.9	1.50
			19	8.4	4.6	2.25	8.1	4.4	2.45	7.7	4.3	2.65	7.2	4.1	2.23	5.7	3.5	1.53
			22	9.3	3.2	2.29	8.9	3.1	2.50	8.5	2.9	2.70	7.9	2.7	2.28	6.0	2.1	1.55
		25	16	7.7	6.8	2.19	7.4	6.7	2.38	7.1	6.5	2.58	6.7	6.4	2.18	5.4	5.4	1.50
			19	8.4	5.4	2.25	8.1	5.3	2.45	7.7	5.1	2.65	7.2	4.9	2.23	5.7	4.3	1.53
			22	9.3	4.1	2.29	8.9	3.9	2.50	8.5	3.8	2.70	7.9	3.6	2.28	6.0	2.9	1.55
		27	16	7.7	7.7	2.19	7.4	7.4	2.38	7.1	7.1	2.58	6.7	6.7	2.18	5.4	5.4	1.50
			19	8.4	6.3	2.25	8.1	6.1	2.45	7.7	6.0	2.65	7.2	5.8	2.23	5.7	5.2	1.53
			22	9.3	4.9	2.29	8.9	4.8	2.50	8.5	4.6	2.70	7.9	4.4	2.28	6.0	3.7	1.55
		29	16	7.7	7.7	2.19	7.4	7.4	2.38	7.1	7.1	2.58	6.7	6.7	2.18	5.4	5.4	1.50
			19	8.4	7.1	2.25	8.1	7.0	2.45	7.7	6.8	2.65	7.2	6.6	2.23	5.7	5.7	1.53
			22	9.3	5.8	2.29	8.9	5.6	2.50	8.5	5.5	2.70	7.9	5.2	2.28	6.0	4.6	1.55
		32	16	7.7	7.7	2.19	7.4	7.4	2.38	7.1	7.1	2.58	6.7	6.7	2.18	5.4	5.4	1.50
			19	8.4	8.4	2.25	8.1	8.1	2.45	7.7	7.7	2.65	7.2	7.2	2.23	5.7	5.7	1.53
			22	9.3	7.0	2.29	8.9	6.9	2.50	8.5	6.7	2.70	7.9	6.5	2.28	6.0	5.8	1.55
S-100PU2E5A U-100PEY1E5 (U-100PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	11.1	9.0	3.37	10.6	8.8	3.63	10.1	8.6	3.90	8.5	7.9	3.70	4.4	4.4	1.39
			19	11.9	6.7	3.52	11.3	6.5	3.79	10.7	6.2	4.06	9.1	5.6	3.86	4.7	4.0	1.45
			22	13.0	4.4	3.64	12.4	4.2	3.92	11.8	4.0	4.20	10.0	3.4	3.99	5.2	1.9	1.50
		25	16	11.5	10.6	3.43	11.0	10.4	3.70	10.4	10.1	3.96	8.8	8.8	3.76	4.6	4.6	1.41
			19	12.3	8.2	3.58	11.7	8.0	3.85	11.1	7.8	4.13	9.4	7.1	3.93	4.9	4.9	1.47
			22	13.5	6.0	3.70	12.8	5.8	3.99	12.2	5.5	4.27	10.3	4.9	4.06	5.4	3.3	1.53
		27	16	11.9	11.9	3.49	11.3	11.3	3.76	10.8	10.8	4.03	9.1	9.1	3.83	4.8	4.8	1.44
			19	12.7	9.8	3.64	12.1	9.6	3.92	11.5	9.3	4.20	9.8	8.6	3.99	5.1	5.1	1.50
			22	13.9	7.5	3.76	13.3	7.3	4.05	12.6	7.0	4.35	10.7	6.4	4.13	5.6	4.7	1.55
		29	16	12.1	12.1	3.50	11.5	11.5	3.77	10.9	10.9	4.04	9.3	9.3	3.84	4.8	4.8	1.44
			19	12.9	11.3	3.65	12.3	11.0	3.93	11.7	10.8	4.21	9.9	9.9	4.00	5.2	5.2	1.50
			22	14.1	9.0	3.77	13.5	8.8	4.06	12.8	8.5	4.36	10.9	7.8	4.14	5.7	5.7	1.56
		32	16	12.3	12.3	3.50	11.7	11.7	3.78	11.1	11.1	4.05	9.4	9.4	3.84	4.9	4.9	1.44
			19	13.1	13.1	3.65	12.5	12.5	3.94	11.8	11.8	4.22	10.1	10.1	4.01	5.2	5.2	1.51
			22	14.3	11.1	3.78	13.7	10.9	4.07	13.0	10.6	4.37	11.0	9.9	4.15	5.7	5.7	1.56
S-125PU2E5A U-125PEY1E5 (U-125PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.5	9.8	3.92	12.2	9.7	4.22	11.8	9.5	4.53	9.5	8.5	4.30	5.2	5.2	1.62
			19	13.4	7.4	4.09	13.0	7.2	4.40	12.6	7.0	4.72	10.2	6.1	4.49	5.6	4.3	1.69
			22	14.7	5.1	4.23	14.3	4.9	4.56	13.8	4.7	4.88	11.1	3.8	4.64	6.1	2.2	1.74
		25	16	13.0	11.5	3.98	12.6	11.3	4.29	12.2	11.1	4.60	9.9	9.9	4.37	5.4	5.4	1.64
			19	13.8	9.0	4.16	13.5	8.8	4.48	13.1	8.7	4.80	10.5	7.6	4.56	5.8	5.8	1.71
			22	15.2	6.7	4.30	14.8	6.6	4.63	14.3	6.3	4.97	11.5	5.3	4.72	6.3	3.7	1.77
		27	16	13.4	13.1	4.05	13.0	12.9	4.36	12.6	12.6	4.68	10.2	10.2	4.45	5.6	5.6	1.67
			19	14.3	10.6	4.23	13.9	10.4	4.55	13.5	10.3	4.88	10.9	9.2	4.64	6.0	6.0	1.74
			22	15.7	8.3	4.37	15.3	8.1	4.71	14.8	8.0	5.05	11.9	6.9	4.80	6.5	5.1	1.80
		29	16	13.6	13.6	4.06	13.2	13.2	4.38	12.8	12.8	4.69	10.3	10.3	4.46	5.7	5.7	1.67
			19	14.5	12.1	4.24	14.1	11.9	4.56	13.7	11.8	4.89	11.1	10.7	4.65	6.1	6.1	1.75
			22	15.9	9.8	4.38	15.5	9.7	4.72	15.0	9.5	5.06	12.1	8.4	4.81	6.6	6.5	1.81
		32	16	13.8	13.8	4.07	13.4	13.4	4.39	13.0	13.0	4.70	10.5	10.5	4.47	5.8	5.8	1.68
			19	14.7	14.4	4.25	14.3	14.2	4.58	13.9	13.9	4.90	11.2	11.2	4.66	6.1	6.1	1.75
			22	16.2	12.0	4.39	15.7	11.9	4.73	15.2	11.7	5.07	12.3	10.5	4.82	6.7	6.7	1.81
S-140PU2E5A U-140PEY1E8	220V/230V/240V 50Hz 1phase 380V/400V/415V 50Hz 3 phase	23	16	14.1	10.7	4.71	14.1	10.7	5.06	13.6	10.4	5.39	12.6	10.0	5.60	9.2	8.4	4.58
			19	15.1	8.1	4.92	15.1	8.1	5.28	14.5	7.9	5.62	13.5	7.5	5.85	9.8	6.0	4.78
			22	16.5	5.7	5.09	16.5	5.7	5.47	15.9	5.5	5.81	14.8	5.1	6.05	10.8	3.7	4.94
		25	16	14.6	12.4	4.79	14.6	12.4	5.15	14.0	12.1	5.48	13.1	11.7	5.70	9.5	9.5	4.66
			19	15.6	9.8	5.00	15.6	9.8	5.37	15.0	9.6	5.72	13.9	9.1	5.94	10.2	7.6	4.86
			22	17.1	7.4	5.17	17.1	7.4	5.56	16.4	7.2	5.91	15.3	6.8	6.15	11.2	5.3	5.03
		27	16	15.1	14.1	4.87	15.1	14.1	5.24	14.5	13.8	5.57	13.5	13.4	5.79	9.9	9.9	4.73
			19	16.1	11.5	5.08	16.1	11.5	5.46	15.5	11.2	5.81	14.4	10.8	6.04	10.5	9.2	4.94
			22	17.7	9.1	5.26	17.7	9.1	5.65	17.0	8.8	6.01	15.8	8.4	6.25	11.5	6.8	5.11
		29	16	15.3	15.3	4.89	15.3	15.3	5.25	14.7	14.7	5.58	13.7	13.7	5.81	10.0	10.0	4.75
			19	16.4	13.2	5.10	16.4	13.2	5.47	15.7	12.8	5.82	14.6	12.3	6.06	10.7	10.7	4.95
			22	17.9	10.7	5.27	17.9	10.7	5.66	17.2	10.4	6.03	16.0	9.9	6.27	11.7	8.3	5.12
		32	16	15.5	15.5	4.90	15.5	15.5	5.26	14.9	14.9	5.60	13.9	13.9	5.82	10.2	10.2	4.76
			19	16.6	15.5	5.11	16.6	15.5	5.49	16.0	15.2	5.84	14.8	14.6	6.07	10.9	10.9	4.96
			22	18.2	13.0	5.29	18.2	13.0	5.68	17.5	12.7	6.04	16.3	12.3	6.28	11.9	10.6	5.13

1-13. Capacity Table

1. Cooling Capacity Performance Data

Combination of Multiple Unit

4-Way Cassette Type

TC :Cooling Capacity

SHC :Sensible Heat Capacity

IPT :Cooling Power Consumption

unit : kW

			Outdoor air intake temp(°C D.B.)															
Model	Power Source	Ambient Return Air		25°C			30°C			35°C			40°C			43°C		
		DB	WB	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT	TC	SHC	IPT
S-50PU2E5Ax2 U-100PEY1E5 (U-100PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	11.1	8.7	3.37	10.6	8.5	3.63	10.1	8.3	3.90	8.5	7.6	3.70	4.4	4.4	1.39
			19	11.9	6.5	3.52	11.3	6.3	3.79	10.7	6.1	4.06	9.1	5.4	3.86	4.7	3.8	1.45
			22	13.0	4.4	3.64	12.4	4.3	3.92	11.8	4.0	4.20	10.0	3.4	3.99	5.2	1.9	1.50
		25	16	11.5	10.2	3.43	11.0	10.0	3.70	10.4	9.7	3.96	8.8	8.8	3.76	4.6	4.6	1.41
			19	12.3	8.0	3.58	11.7	7.7	3.85	11.1	7.5	4.13	9.4	6.8	3.93	4.9	4.9	1.47
			22	13.5	6.0	3.70	12.8	5.7	3.99	12.2	5.4	4.27	10.3	4.8	4.06	5.4	3.2	1.53
		27	16	11.9	11.7	3.49	11.3	11.3	3.76	10.8	10.8	4.03	9.1	9.1	3.83	4.8	4.8	1.44
			19	12.7	9.4	3.64	12.1	9.2	3.92	11.5	8.9	4.20	9.8	8.2	3.99	5.1	5.1	1.50
			22	13.9	7.4	3.76	13.3	7.1	4.05	12.6	6.8	4.35	10.7	6.2	4.13	5.6	4.5	1.55
		29	16	12.1	12.1	3.50	11.5	11.5	3.77	10.9	10.9	4.04	9.3	9.3	3.84	4.8	4.8	1.44
			19	12.9	10.8	3.65	12.3	10.5	3.93	11.7	10.3	4.21	9.9	9.5	4.00	5.2	5.2	1.50
			22	14.1	8.7	3.77	13.5	8.5	4.06	12.8	8.2	4.36	10.9	7.5	4.14	5.7	5.7	1.56
		32	16	12.3	12.3	3.50	11.7	11.7	3.78	11.1	11.1	4.05	9.4	9.4	3.84	4.9	4.9	1.44
			19	13.1	12.8	3.65	12.5	12.5	3.94	11.8	11.8	4.22	10.1	10.1	4.01	5.2	5.2	1.51
			22	14.3	10.7	3.78	13.7	10.4	4.07	13.0	10.2	4.37	11.0	9.4	4.15	5.7	5.7	1.56
S-60PU2E5Ax2 U-125PEY1E5 (U-125PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	23	16	12.5	10.3	3.92	12.2	10.2	4.22	11.8	10.0	4.53	9.5	9.0	4.30	5.2	5.2	1.62
			19	13.4	7.6	4.09	13.0	7.5	4.40	12.6	7.3	4.72	10.2	6.4	4.49	5.6	4.7	1.69
			22	14.7	5.0	4.23	14.3	4.9	4.56	13.8	4.7	4.88	11.1	3.8	4.64	6.1	2.2	1.74
		25	16	13.0	12.2	3.98	12.6	12.0	4.29	12.2	11.9	4.60	9.9	9.9	4.37	5.4	5.4	1.64
			19	13.8	9.4	4.16	13.5	9.3	4.48	13.1	9.1	4.80	10.5	8.1	4.56	5.8	5.8	1.71
			22	15.2	6.8	4.30	14.8	6.7	4.63	14.3	6.5	4.97	11.5	5.5	4.72	6.3	3.9	1.77
		27	16	13.4	13.4	4.05	13.0	13.0	4.36	12.6	12.6	4.68	10.2	10.2	4.45	5.6	5.6	1.67
			19	14.3	11.2	4.23	13.9	11.0	4.55	13.5	10.9	4.88	10.9	9.9	4.64	6.0	6.0	1.74
			22	15.7	8.6	4.37	15.3	8.5	4.71	14.8	8.3	5.05	11.9	7.3	4.80	6.5	5.5	1.80
		29	16	13.6	13.6	4.06	13.2	13.2	4.38	12.8	12.8	4.69	10.3	10.3	4.46	5.7	5.7	1.67
			19	14.5	12.9	4.24	14.1	12.8	4.56	13.7	12.6	4.89	11.1	11.1	4.65	6.1	6.1	1.75
			22	15.9	10.3	4.38	15.5	10.1	4.72	15.0	9.9	5.06	12.1	8.9	4.81	6.6	6.6	1.81
		32	16	13.8	13.8	4.07	13.4	13.4	4.39	13.0	13.0	4.70	10.5	10.5	4.47	5.8	5.8	1.68
			19	14.7	14.7	4.25	14.3	14.3	4.58	13.9	13.9	4.90	11.2	11.2	4.66	6.1	6.1	1.75
			22	16.2	12.8	4.39	15.7	12.6	4.73	15.2	12.4	5.07	12.3	11.4	4.82	6.7	6.7	1.81
S-71PU2E5Ax2 U-140PEY1E8	220V/230V/240V 50Hz 1phase 380V/400V/415V 50Hz 3 phase	23	16	14.1	10.8	4.71	14.1	10.7	5.06	13.6	10.5	5.39	12.6	9.4	5.60	9.2	5.5	4.58
			19	15.1	8.0	4.92	15.1	7.8	5.28	14.5	7.6	5.62	13.5	6.7	5.85	9.8	4.9	4.78
			22	16.5	5.3	5.09	16.5	5.1	5.47	15.9	5.0	5.81	14.8	4.0	6.05	10.8	2.3	4.94
		25	16	14.6	12.8	4.79	14.6	12.6	5.15	14.0	12.4	5.48	13.1	10.4	5.70	9.5	5.7	4.66
			19	15.6	9.8	5.00	15.6	9.7	5.37	15.0	9.5	5.72	13.9	8.5	5.94	10.2	6.1	4.86
			22	17.1	7.1	5.17	17.1	7.0	5.56	16.4	6.8	5.91	15.3	5.8	6.15	11.2	4.1	5.03
		27	16	15.1	14.1	4.87	15.1	13.7	5.24	14.5	13.2	5.57	13.5	10.7	5.79	9.9	5.9	4.73
			19	16.1	11.7	5.08	16.1	11.6	5.46	15.5	11.4	5.81	14.4	10.3	6.04	10.5	6.3	4.94
			22	17.7	9.0	5.26	17.7	8.9	5.65	17.0	8.7	6.01	15.8	7.6	6.25	11.5	5.8	5.11
		29	16	15.3	14.3	4.89	15.3	13.9	5.25	14.7	13.5	5.58	13.7	10.8	5.81	10.0	6.0	4.75
			19	16.4	13.5	5.10	16.4	13.4	5.47	15.7	13.2	5.82	14.6	11.6	6.06	10.7	6.4	4.95
			22	17.9	10.7	5.27	17.9	10.6	5.66	17.2	10.4	6.03	16.0	9.4	6.27	11.7	6.9	5.12
		32	16	15.5	14.5	4.90	15.5	14.1	5.26	14.9	13.7	5.60	13.9	11.1	5.82	10.2	6.1	4.76
			19	16.6	15.4	5.11	16.6	15.0	5.49	16.0	14.6	5.84	14.8	11.8	6.07	10.9	6.4	4.96
			22	18.2	13.4	5.29	18.2	13.2	5.68	17.5	13.0	6.04	16.3	11.9	6.28	11.9	7.1	5.13

1-13. Capacity Table

2. Heating Capacity Performance Data

Combination of Single Unit

4-Way Cassette Type

TC :Cooling Capacity

IPT :Cooling Power Consumption

unit : kW

Model	Power Source	Ambient Return Air	Outdoor air intake temp(°C W.B.)									
			-5°C		0°C		6°C		10°C		15°C	
			TC	IPT	TC	IPT	TC	IPT	TC	IPT	TC	IPT
S-36PU2E5A U-36PE1E5A	220V/230V/240V 50Hz 1phase	DB										
		16	4.4	0.93	4.8	0.97	5.1	1.02	5.5	1.07	6.0	1.12
		20	4.3	0.99	4.6	1.03	5.0	1.08	5.4	1.12	5.9	1.18
S-50PU2E5A U-50PE2E5A	220V/230V/240V 50Hz 1phase	24	4.2	1.08	4.5	1.12	4.9	1.17	5.3	1.21	5.8	1.26
		16	5.8	1.66	6.4	1.79	6.6	1.53	7.1	1.49	8.3	1.66
		20	5.6	1.75	6.3	1.87	6.5	1.62	6.9	1.57	8.1	1.75
S-60PU2E5A U-60PE2E5A	220V/230V/240V 50Hz 1phase	24	5.5	1.88	6.1	2.00	6.4	1.75	6.8	1.70	8.0	1.88
		16	6.9	2.13	8.0	2.36	8.2	1.92	8.2	1.67	8.9	1.72
		20	6.7	2.27	7.8	2.52	8.0	2.05	8.0	1.78	8.7	1.83
S-71PU2E5A U-71PE1E5A (U-71PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	6.7	2.42	7.8	2.69	8.0	2.19	8.0	1.90	8.6	1.96
		16	8.2	2.83	8.5	2.85	9.7	2.81	9.9	2.63	9.9	2.43
		20	7.8	2.91	8.1	2.93	9.0	2.85	9.0	2.67	9.0	2.45
S-100PU2E5A U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	7.4	3.00	7.7	3.02	8.1	2.91	8.1	2.73	8.1	2.51
		16	15.1	4.97	15.1	4.77	15.1	4.16	15.1	3.66	15.1	3.10
		20	14.0	5.26	14.0	5.05	14.0	4.40	14.0	3.87	14.0	3.28
S-125PU2E5A U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	13.1	5.34	13.1	5.13	13.1	4.47	13.1	3.94	13.1	3.33
		16	16.7	5.35	17.2	5.26	17.3	4.76	17.3	4.19	17.3	3.55
		20	15.5	5.66	15.9	5.57	16.0	5.04	16.0	4.44	16.0	3.75
S-140PU2E5A U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	14.5	5.75	14.9	5.66	15.0	5.12	15.0	4.51	15.0	3.82
		16	18.1	5.54	19.2	5.52	19.4	5.40	19.4	4.76	19.4	4.03
		20	16.7	5.87	17.8	5.84	18.0	5.72	18.0	5.03	18.0	4.26
S-140PU2E5A U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	15.7	5.96	16.7	5.94	16.9	5.81	16.9	5.12	16.9	4.33

1-13. Capacity Table

2. Heating Capacity Performance Data

Combination of Multiple Unit

4-Way Cassette Type

TC :Cooling Capacity

IPT :Cooling Power Consumption

unit : kW

Model	Power Source	Ambient Return Air	Outdoor air intake temp(°C W.B.)									
			-5°C		0°C		6°C		10°C		15°C	
			TC	IPT	TC	IPT	TC	IPT	TC	IPT	TC	IPT
S-36PU2E5A×2 U-71PE1E5A (U-71PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	8.2	2.83	8.5	2.85	9.7	2.81	9.9	2.63	9.9	2.43
		20	7.8	2.91	8.1	2.93	9.0	2.85	9.0	2.67	9.0	2.45
		24	7.4	3.00	7.7	3.02	8.1	2.91	8.1	2.73	8.1	2.51
S-36PU2E5A×3 U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	15.1	4.97	15.1	4.77	15.1	4.16	15.1	3.66	15.1	3.10
		20	14.0	5.26	14.0	5.05	14.0	4.40	14.0	3.87	14.0	3.28
		24	13.1	5.34	13.1	5.13	13.1	4.47	13.1	3.94	13.1	3.33
S-50PU2E5A×2 U-100PE1E5A (U-100PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	15.1	4.97	15.1	4.77	15.1	4.16	15.1	3.66	15.1	3.10
		20	14.0	5.26	14.0	5.05	14.0	4.40	14.0	3.87	14.0	3.28
		24	13.1	5.34	13.1	5.13	13.1	4.47	13.1	3.94	13.1	3.33
S-36PU2E5A×4 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	16.7	5.35	17.2	5.26	17.3	4.76	17.3	4.19	17.3	3.55
		20	15.5	5.66	15.9	5.57	16.0	5.04	16.0	4.44	16.0	3.75
		24	14.5	5.75	14.9	5.66	15.0	5.12	15.0	4.51	15.0	3.82
S-45PU2E5A×3 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	16.7	5.35	17.2	5.26	17.3	4.76	17.3	4.19	17.3	3.55
		20	15.5	5.66	15.9	5.57	16.0	5.04	16.0	4.44	16.0	3.75
		24	14.5	5.75	14.9	5.66	15.0	5.12	15.0	4.51	15.0	3.82
S-60PU2E5A×2 U-125PE1E5A (U-125PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	16.7	5.35	17.2	5.26	17.3	4.76	17.3	4.19	17.3	3.55
		20	15.5	5.66	15.9	5.57	16.0	5.04	16.0	4.44	16.0	3.75
		24	14.5	5.75	14.9	5.66	15.0	5.12	15.0	4.51	15.0	3.82
S-50PU2E5A×3 U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	18.1	5.54	19.2	5.52	19.4	5.40	19.4	4.76	19.4	4.03
		20	16.7	5.87	17.8	5.84	18.0	5.72	18.0	5.03	18.0	4.26
		24	15.7	5.96	16.7	5.94	16.9	5.81	16.9	5.12	16.9	4.33
S-71PU2E5A×2 U-140PE1E5A (U-140PE1E8A)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	18.1	5.54	19.2	5.52	19.4	5.40	19.4	4.76	19.4	4.03
		20	16.7	5.87	17.8	5.84	18.0	5.72	18.0	5.03	18.0	4.26
		24	15.7	5.96	16.7	5.94	16.9	5.81	16.9	5.12	16.9	4.33

1-13. Capacity Table

2. Heating Capacity Performance Data

Combination of Single Unit

4-Way Cassette Type

TC :Cooling Capacity

IPT :Cooling Power Consumption

unit : kW

Model	Power Source	Ambient Return Air	Outdoor air intake temp(°C W.B.)									
			-5°C		0°C		6°C		10°C		15°C	
			TC	IPT	TC	IPT	TC	IPT	TC	IPT	TC	IPT
S-60PU2E5A U-60PEY2E5	220V/230V/240V 50Hz 1phase	DB										
		16	6.1	1.71	7.0	1.90	7.2	1.55	7.2	1.35	7.8	1.38
		20	5.9	1.82	6.8	2.03	7.0	1.65	7.0	1.43	7.6	1.47
S-71PU2E5A U-71PEY2E5	220V/230V/240V 50Hz 1phase	24	5.9	1.95	6.8	2.17	7.0	1.76	7.0	1.53	7.6	1.58
		16	7.0	2.28	8.1	2.54	8.3	2.07	8.3	1.80	9.0	1.84
		20	6.8	2.43	7.9	2.70	8.1	2.20	8.1	1.91	8.8	1.96
S-100PU2E5A U-100PEY1E5 (U-100PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	6.8	2.60	7.9	2.89	8.1	2.35	8.1	2.04	8.7	2.10
		16	13.4	4.37	13.9	3.95	14.9	3.78	13.9	2.87	15.6	3.00
		20	12.4	4.63	12.9	4.19	13.8	4.00	12.9	3.03	14.5	3.18
S-125PU2E5A U-125PEY1E5 (U-125PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	24	11.6	4.70	12.1	4.25	12.9	4.06	12.0	3.08	13.5	3.23
		16	14.5	4.81	15.2	4.35	16.2	4.16	15.1	3.15	17.0	3.30
		20	13.5	5.09	14.0	4.60	15.0	4.40	14.0	3.34	15.7	3.50
S-140PU2E5A U-140PEY1E8	220V/230V/240V 50Hz 1phase 380V/400V/415V 50Hz 3 phase	24	12.6	5.17	13.1	4.68	14.0	4.47	13.1	3.39	14.7	3.55
		16	16.7	5.52	17.2	5.43	17.3	4.91	17.3	4.33	17.3	3.66
		20	15.5	5.84	15.9	5.74	16.0	5.20	16.0	4.58	16.0	3.87
		24	14.5	5.93	14.9	5.84	15.0	5.28	15.0	4.65	15.0	3.94

1-13. Capacity Table

2. Heating Capacity Performance Data

Combination of Multiple Unit

4-Way Cassette Type

TC :Cooling Capacity

IPT :Cooling Power Consumption

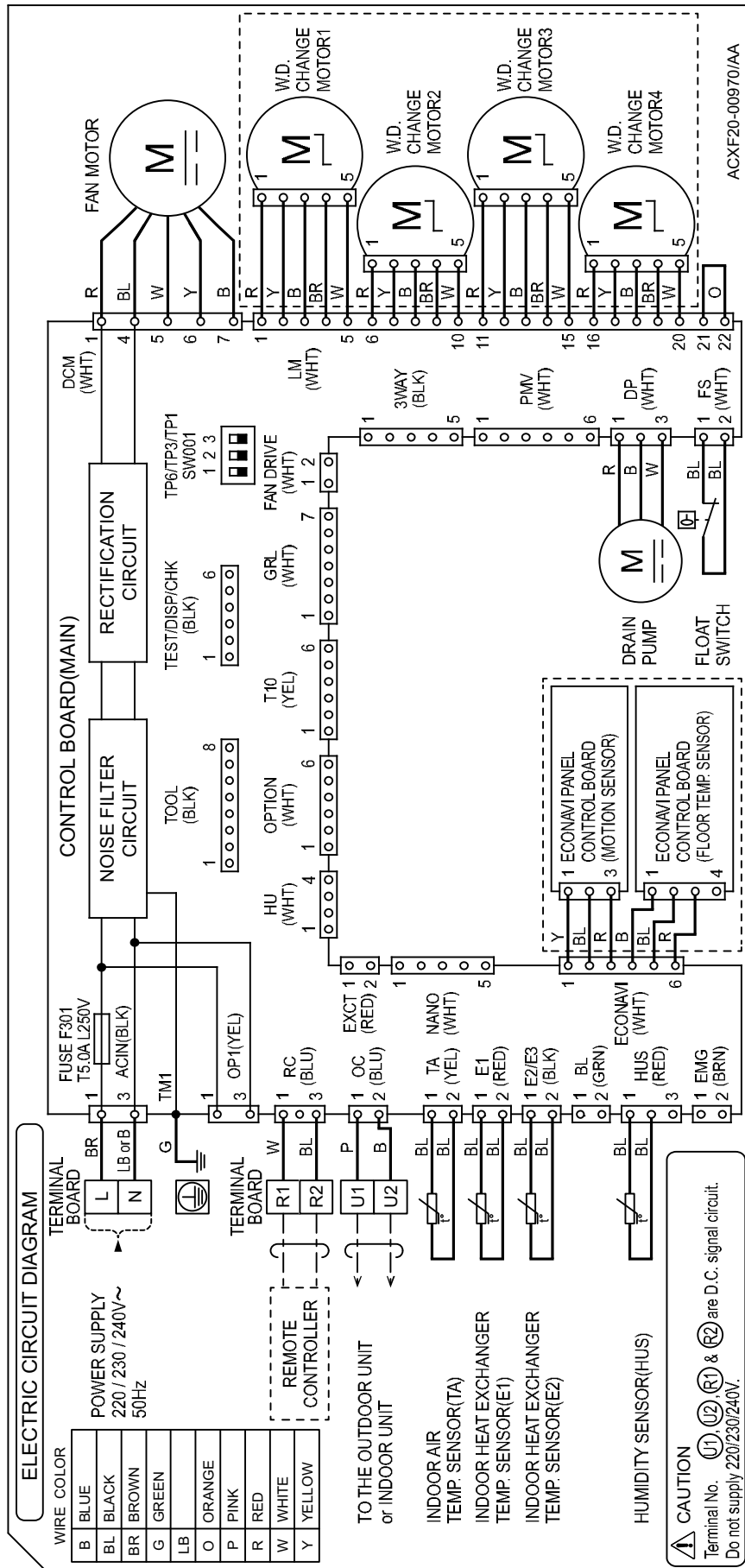
unit : kW

Model	Power Source	Ambient Return Air	Outdoor air intake temp(°C W.B.)									
			-5°C		0°C		6°C		10°C		15°C	
			TC	IPT	TC	IPT	TC	IPT	TC	IPT	TC	IPT
S-50PU2E5A×2 U-100PEY1E5 (U-100PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	13.4	4.37	13.9	3.95	14.9	3.78	13.9	2.87	15.6	3.00
		20	12.4	4.63	12.9	4.19	13.8	4.00	12.9	3.03	14.5	3.18
		24	11.6	4.70	12.1	4.25	12.9	4.06	12.0	3.08	13.5	3.23
S-60PU2E5A×2 U-125PEY1E5 (U-125PEY1E8)	220V/230V/240V 50Hz 1phase (380V/400V/415V 50Hz 3 phase)	16	14.5	4.81	15.2	4.35	16.2	4.16	15.1	3.15	17.0	3.30
		20	13.5	5.09	14.0	4.60	15.0	4.40	14.0	3.34	15.7	3.50
		24	12.6	5.17	13.1	4.68	14.0	4.47	13.1	3.39	14.7	3.55
S-71PU2E5A×2 U-140PEY1E8	220V/230V/240V 50Hz 1phase 380V/400V/415V 50Hz 3 phase	16	16.7	5.52	17.2	5.43	17.3	4.91	17.3	4.33	17.3	3.66
		20	15.5	5.84	15.9	5.74	16.0	5.20	16.0	4.58	16.0	3.87
		24	14.5	5.93	14.9	5.84	15.0	5.28	15.0	4.65	15.0	3.94

3-1. Indoor Units

■ 4-Way Cassette Type S-36PU2E5A / S-45PU2E5A / S-50PU2E5A / S-60PU2E5A / S-71PU2E5A / S-100PU2E5A / S-125PU2E5A / S-140PU2E5A

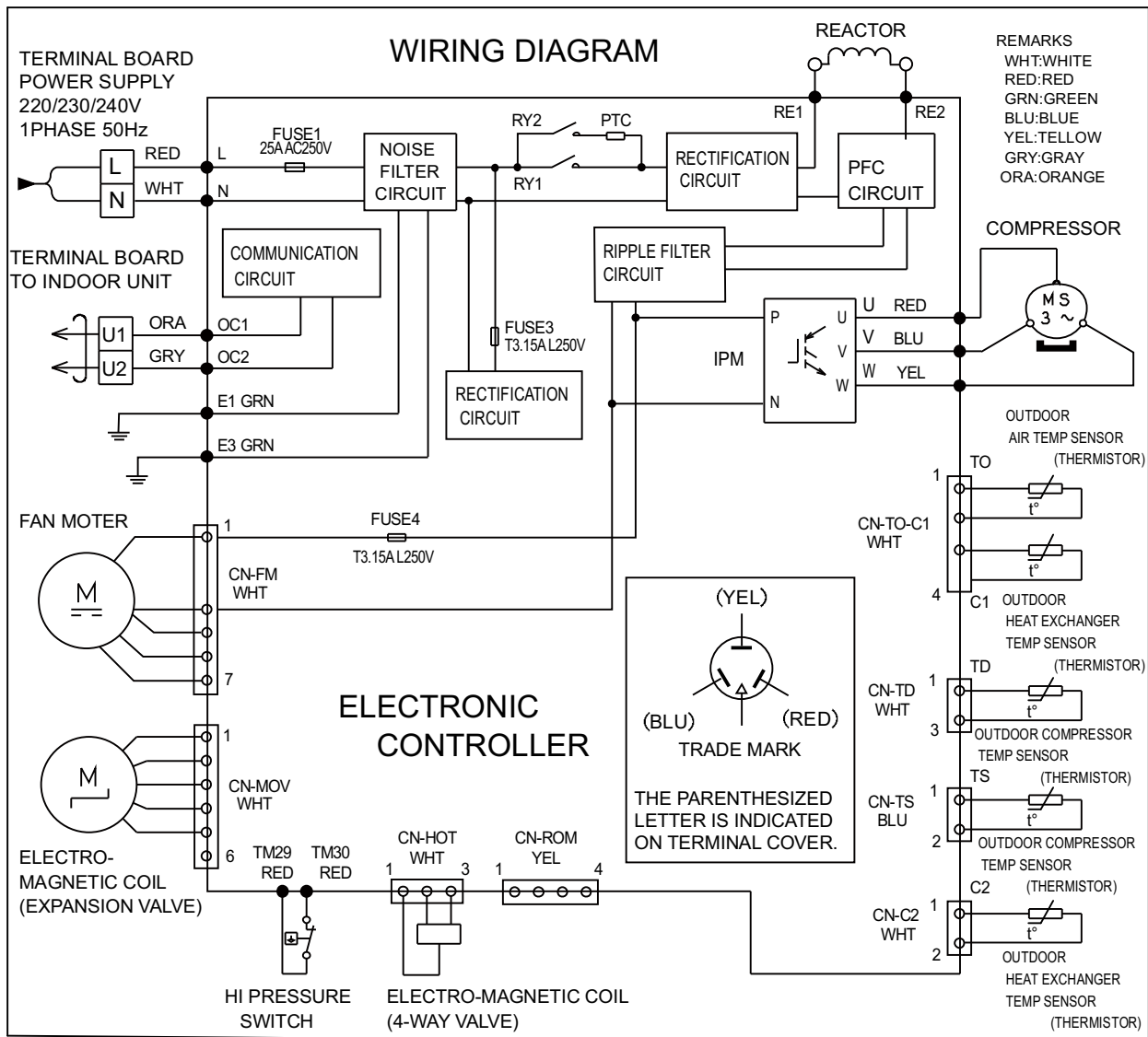
Electric Wiring Diagram



3-2. Outdoor Units

■ Single-phase U-36PE2E5A / U-50PE2E5A / U-60PE2E5A U-60PEY2E5 / U-71PEY2E5

Electric Wiring Diagram

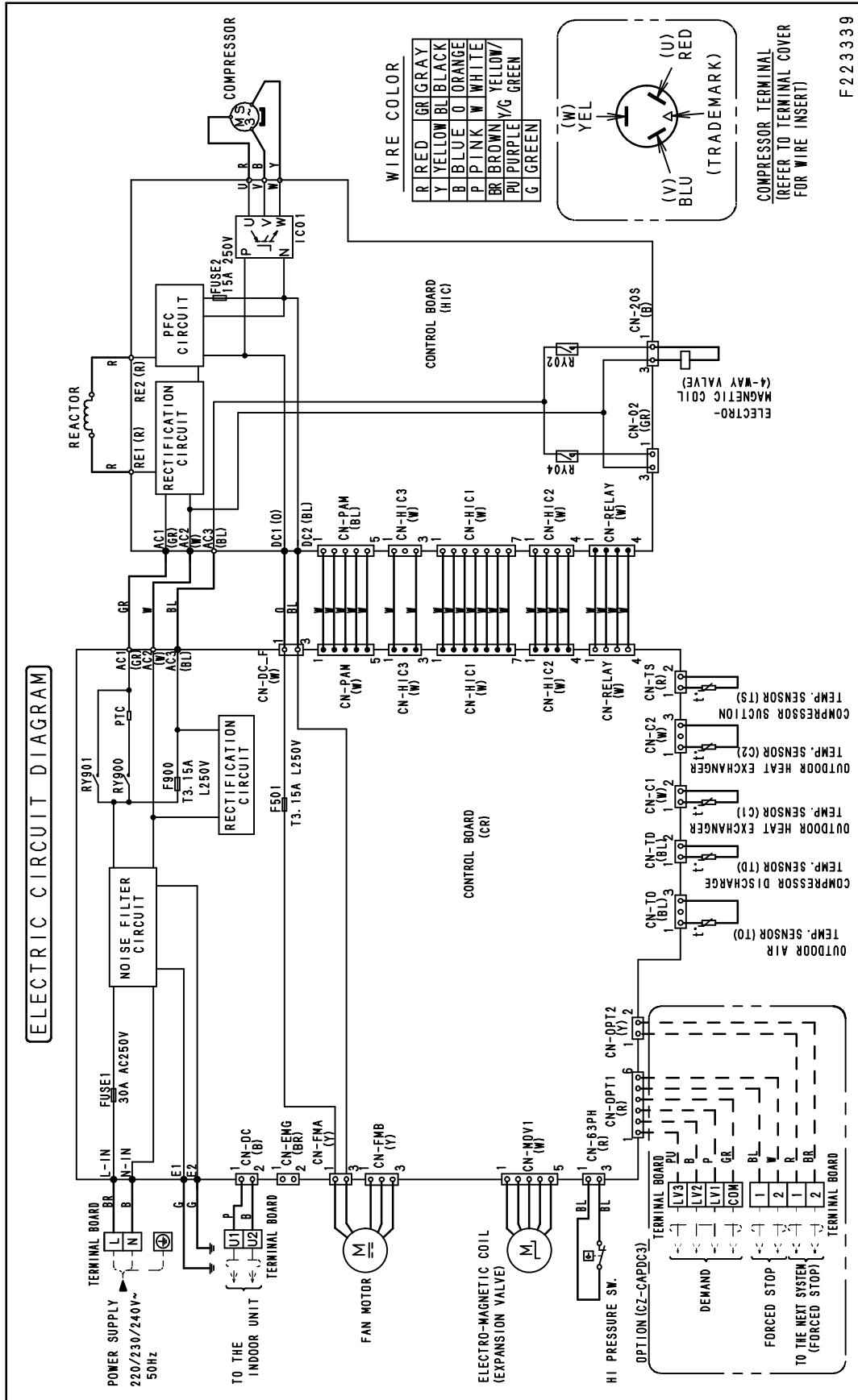


ACXF22-01200

3-2. Outdoor Units

Single-phase U-71PE1E5A

Electric Wiring Diagram



3

3

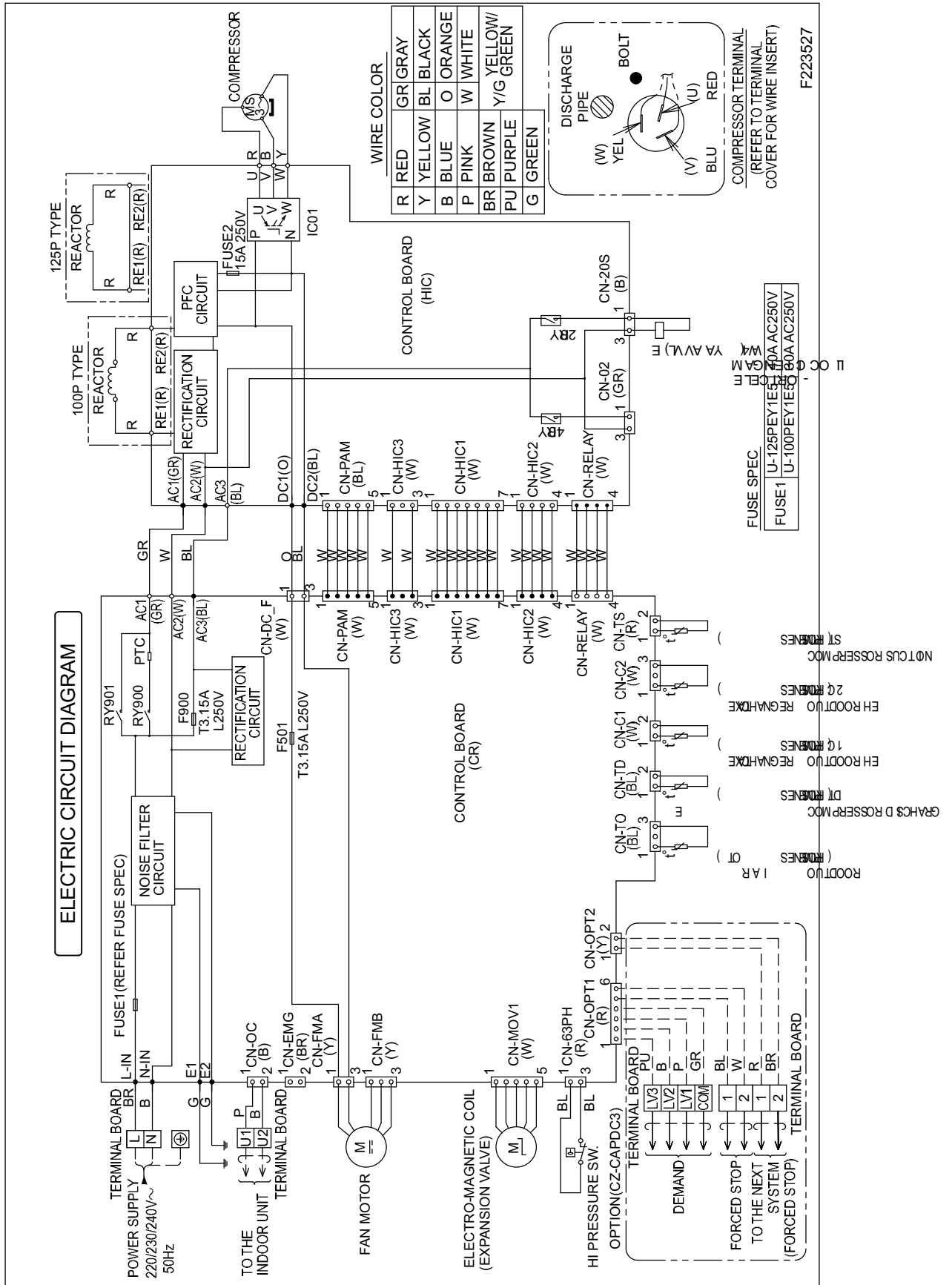
3



3-2. Outdoor Units

Single-phase U-100PEY1E5 / U-125PEY1E5

Electric Wiring Diagram



Electric Wiring Diagram



3

Electric Wiring Diagram



3

3

3

