

Panasonic

A Better Life. A Better World

Your local Panasonic specialist



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- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of June 2018.
- Due to printing considerations, the actual colours may vary slightly from those shown.
- All graphics are provided merely for the purpose of illustrating a point.



Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

18PAC0601DUCTED

Authorised Dealer

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Panasonic
Air Conditioning



Panasonic



RESIDENTIAL PREMIUM INVERTER DUCTED AIR CONDITIONING



QUALITY AIR FOR LIFE

PANASONIC LEADS THE WAY

Ducted Air Conditioning Specialists

With more than 60 years of experience, exporting to more than 120 countries around the world, Panasonic is unquestionably one of the leaders in the global air conditioning sector. This notion also extends to the company's drive for innovation; filing more than 91 539 patents to improve its customers lives. In all, the company has produced more than 200 million compressors whilst its products, particularly residential air conditioners, have reinforced their position as No.1 in markets throughout a number of major countries across the globe, for example, Japan. Panasonic, bringing you quality air for life.



DUCTED AIR PROVIDES YEAR-ROUND COMFORT

At Panasonic, we offer a range of ducted air conditioning solutions for homes and medium-sized buildings such as apartments, offices and restaurants. Consisting of an outdoor unit and a concealed indoor unit, a ducted system delivers air through ducting pipes into each room via vents on the floor, wall or ceiling.

Discreet and flexible, our ducted systems have been designed with all stakeholders front of mind. Not only will a Panasonic ducted air conditioner bring an extra level of added value to your home in today's Australian property market, but you can also expect comfort and quality air for life.



WARM IN WINTER 

 COOL IN SUMMER



PRODUCT LINE-UP

Cooling Capacity	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	16.0kW	18.0kW	20.0kW	22.4kW
R32 COMPACT MODEL 	 S-60PE1R5B	 S-71PE1R5B	 S-100PE1R5B	 S-125PE1R5B	 S-140PE1R5B				
	NEW U-60PZ2R5	NEW U-71PZ2R5	NEW U-100PZ2R5 U-100PZ2R8*	NEW U-125PZ2R5 U-125PZ2R8*	NEW U-140PZ2R5 U-140PZ2R8*				
R410A DELUXE MODEL 						 S-160PE1R5A	NEW S-180PE3R5	NEW S-200PE3R5	NEW S-224PE3R5
						 U-160PE2R8A*	 U-180PE2R8A*	 U-200PE2R8A*	 U-224PE2R8A*

*3-Phase

SPLITTABLE DUCTED **NEW**

Applicable model: 18.0kW / 20.0kW / 22.4kW

Create comfort faster.
The new Splittable Ducted is designed to apply to a variety of residential applications.

POWERFUL AIRFLOW

Providing powerful air, Panasonic's splittable ducted has increased the rate of airflow by 16%, reaching up to 1400 l/s. Its powerful airflow enables faster room temperature control.

*Comparison between S-224PE3R5 and S-224PE2R5B



MAX. 200 PA STATIC PRESSURE

A maximum static pressure setting of a high 200 Pa* enables the use of long ducts for installation in a wide range of spaces.

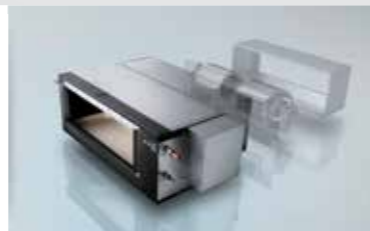
* In case of S-224PE3R5



EASY INSTALLATION

The newly designed duct model can easily be split into three components, and is perfect for residential use with aperture size restrictions.

* In case of S-180PE3R5, S-200PE3R5, S-224PE3R5



COMPACT OUTDOOR UNIT DESIGN **NEW**

Panasonic's intuitively designed R32 outdoor units are compact in size to fit into any space and layout. This makes them easy to install even in the tightest of places.

<div data-bbox="1611 1323 2018 1375" data-label="Section-Header"> <p>6.0 / 7.1kW Model</p> </div> <div data-bbox="1611 1375 2136 1848" data-label="Image"> </div> <div data-bbox="1611 1848 2136 1997" data-label="Text"> <p>Height 996mm → 695mm (301mm Shorter) Weight 68kg → 44kg (24kg Lighter)</p> </div>	<div data-bbox="2136 1323 2641 1375" data-label="Section-Header"> <p>10.0-14.0kW Model</p> </div> <div data-bbox="2136 1375 2730 1848" data-label="Image"> </div> <div data-bbox="2136 1848 2730 1997" data-label="Text"> <p>Height 1,416mm → 996mm (420mm Shorter) Weight 98kg → 90kg (8kg Lighter)</p> </div>
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* Comparison between U-60PZ2R5 and U-60PE1R5A

* Comparison between U-100PZ2R5 and U-100PE1R5A

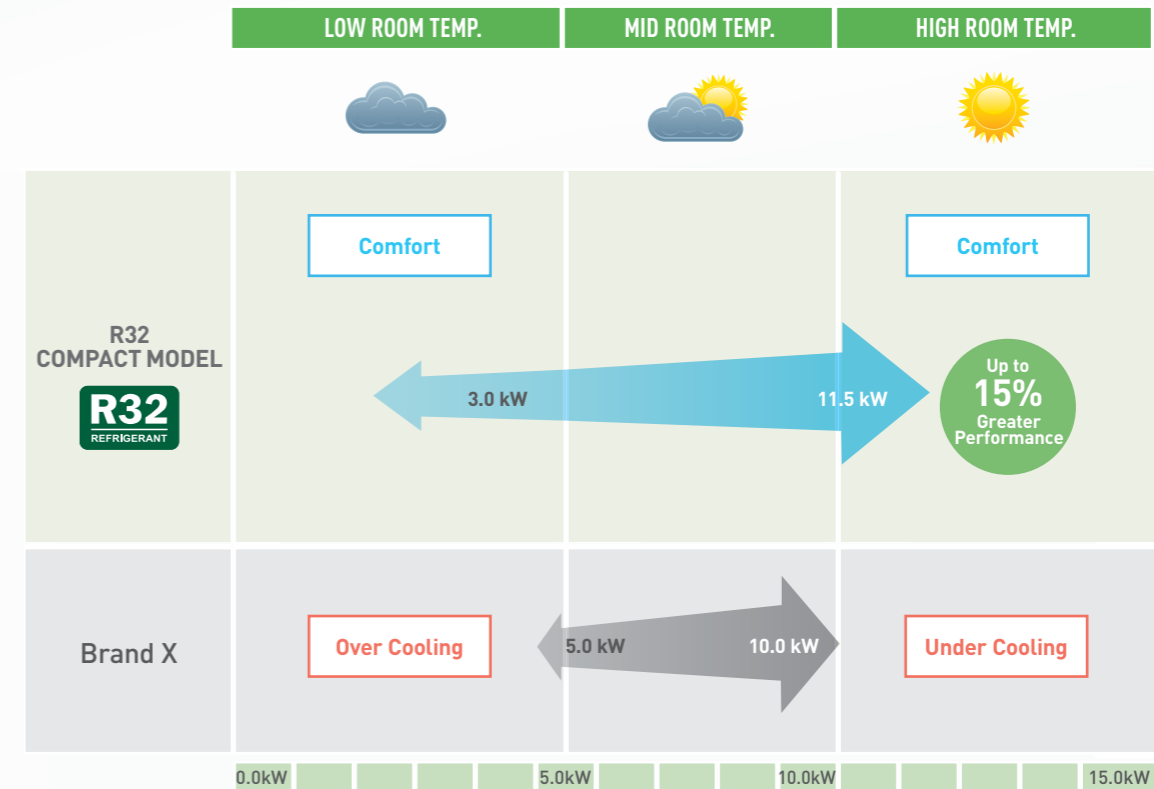


PREMIUM INVERTER TECHNOLOGY

Panasonic Premium Inverter Ducted air conditioners are designed to give you exceptional energy saving performance while ensuring you stay comfortable at all times.

CONSTANT COMFORT AIR CONDITIONING

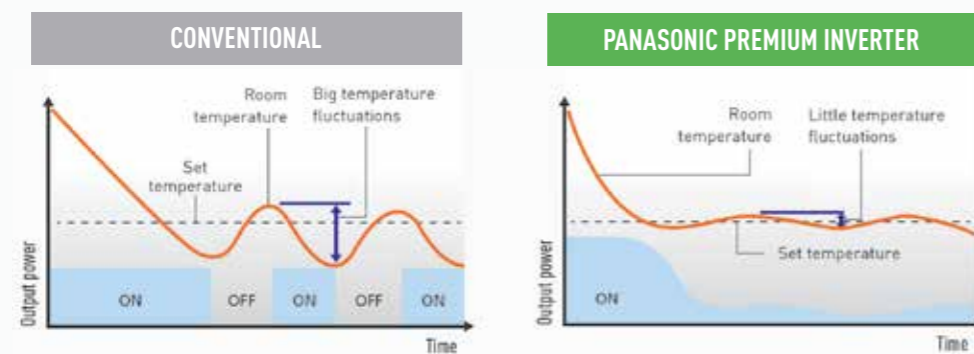
Another advantage of Panasonic Premium Inverter technology includes its ability to ensure precise temperature control and offer a wider power output range to perform in even the most extreme conditions in Australia, ensuring constant comfort.



Graph shows each models' 10.0kW Inverter High Static Pressure Ducted systems performance range during cooling.

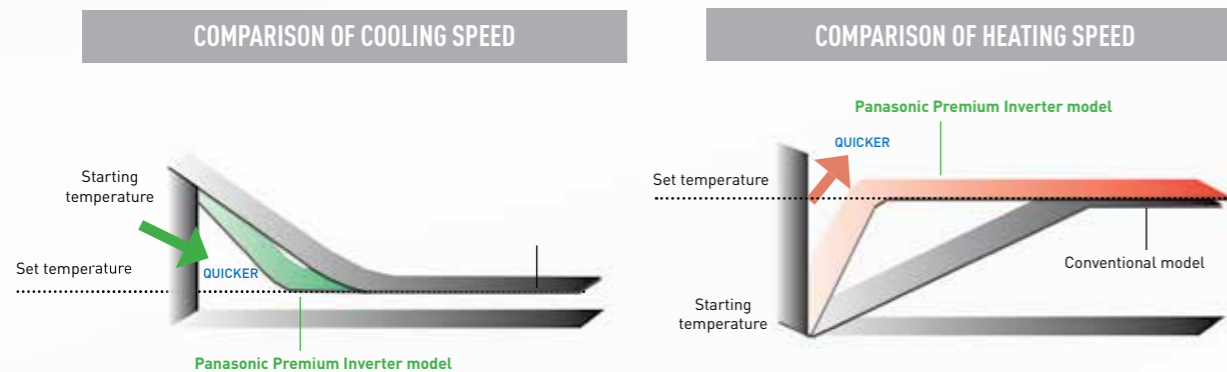
REDUCES ELECTRICITY CONSUMPTION

Unlike a conventional air conditioner which consumes a lot of energy, a Panasonic Premium Inverter Ducted air conditioner reduces wasteful operation, giving you energy saving and better performance.



QUICK COMFORT

Panasonic Premium Inverter Ducted air conditioners can operate with higher power during the start-up period to cool and heat the room faster than conventional air conditioners.



CONTROL SOLUTIONS

Easy-to-use, with multiple energy saving functions at your fingertips

DELUXE WIRED REMOTE CONTROLLER



LARGE 3.5" FULL-DOT LCD WITH WHITE LED BACKLIGHT

Characters and icons are clearly displayed for perfect visibility. With the white LED backlight, you can now change the temperature during the night without even turning on the light.



STYLISH, EASY-TO-USE TOUCH KEY DESIGN

The elegant, flat design features large touch keys in a simple layout enabling easy, intuitive operation.



SMART CONNECTIVITY



THE NEW FORM FOR CONTROL SOLUTIONS

In collaboration with Schneider Electric, the SER8150 maintains high IAQ while saving you energy. Its sleekly designed touch panel display is easy to use.

PLUG & PLAY FOR HOME AUTOMATION

Easily connect with integrated controllers to become part of your automated home network.



PUSH™
www.pushcontrols.com



CLIPSAL®
www.clipsal.com/athome

For further information, please check PUSH™ and CLIPSAL® website.

RELIABLE COMFORT COMES FROM RELIABLE TECHNOLOGY

DISCREET COMFORT

A Panasonic air conditioner should be the hard-working hero you never notice. From noise measurements, to environmental performance and even operating ease, we repeatedly test our models to make sure they keep your home comfortable without ever intruding on your life.



TESTED DURABILITY

We simulate continuous operation under the harshest of conditions, subject the outdoor units to wind and rain tests and then examine every mechanism to ensure we are delivering a rugged product you can depend on for many years.



SHOCK RESISTANCE

We love our air conditioners but that doesn't mean we go easy on them. We simulate impacts, vibrations, drops and stacking issues the units might face in transportation and storage, so we know they will be ready for action when they reach your home.



CLASS LEADING FEATURES

Control, comfort & reassurance

ENERGY SAVING TECHNOLOGIES

Panasonic's Premium Inverter technology creates a powerhouse energy-saving ducted air-conditioning system with the ability to lower both cooling capacity and power consumption when required. Panasonic's clever technologies benefit both the environment and your power bill, so your green intention won't prevent you from living a comfortable life.



QUIET OPERATION

Panasonic Premium Inverter ducted systems are amongst the quietest in the world, so you can enjoy the comfort of running your air conditioner at night and still have a relaxing sleep. The outdoor unit is also very quiet which means you don't have to worry about keeping your neighbours up either.



DESIGNED FOR THE AUSTRALIAN ENVIRONMENT

Our Premium Inverter ducted systems boast an outstanding operating temperature range. Cooling operation is possible even when it is a scorching 46°C outside, which is perfect for Australia's hot summer days and the heating operation is designed to operate even when it's a freezing -20°C outside, so even the coldest parts of Australia are covered.

*In case of R410A model



COLD DRAFTS REDUCED DURING WINTER

Cold drafts during start-up are a common unwanted side effect of ducted air conditioning systems. During heating mode Panasonic Premium Inverter ducted air conditioners employ clever sensor technology that allows airflow to enter the room when it has been warmed. This great feature reduces cold drafts, keeping you comfortable at all times.



SUPERIOR TECHNOLOGY MAKES SUPERIOR SYSTEMS

- Demand Response Enabling Device (DRED) ready
- Panasonic Premium Inverter technology
- DC fan motor
- Incredibly quiet operation
- Compact indoor and outdoor design
- Easy interfacing for remote On/Off, control outputs, and third party control.



YOU CAN COUNT ON PANASONIC

Panasonic air conditioners are manufactured to the highest quality standards to ensure years of reliable comfort. We even back our reliability by offering a full 5 year parts and labour warranty.

R32 COMPACT MODEL

R32
REFRIGERANT



INDOOR UNIT

Hidden in your ceiling



6.0kW - 10.0kW

S-60PE1R5B / S-71PE1R5B / S-100PE1R5B



12.5kW - 14.0kW

S-125PE1R5B / S-140PE1R5B

OUTDOOR UNIT

Sits outside your home

NEW



6.0kW - 7.1kW

U-60PZ2R5 / U-71PZ2R5

NEW



10.0kW - 14.0kW

U-100PZ2R5 / U-125PZ2R5 / U-140PZ2R5
U-100PZ2R8* / U-125PZ2R8* / U-140PZ2R8*

*3-Phase

OPTIONAL CONTROLLER

Variety of options, easy to use



CZ-RTC5B

Deluxe Wired Remote Controller

This optional backlit LED large controller can be installed in your bed room so you can change the temperature during the night without turning on the light.



CZ-RTC4

Wired Remote Controller

The wall control with its large LCD display gives you full operational access and can be easily customised to suit your unique requirements.



CZ-RWSK2 + CZ-RWSC3
Wireless Remote Controller

This wireless remote controller gives you the convenience to operate the unit from anywhere in the room.



Smart Connectivity
SER8150

The new form for control solutions that achieves high IAQ while saving energy.

SPECIFICATIONS

Capacity		6.0kW	7.1kW	10.0kW	12.5kW	14.0kW			
Model Name	Indoor Unit	S-60PE1R5B	S-71PE1R5B	S-100PE1R5B	S-100PE1R5B	S-125PE1R5B	S-125PE1R5B	S-140PE1R5B	S-140PE1R5B
	Outdoor Unit	U-60PZ2R5	U-71PZ2R5	U-100PZ2R5	U-100PZ2R8	U-125PZ2R5	U-125PZ2R8	U-140PZ2R5	U-140PZ2R8
Cooling capacity :	kW	6.0 (2.0 - 7.1)	7.1 (2.0 - 8.0)	10.0 (3.0 - 11.5)	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)	14.0 (3.3 - 15.0)
		6.0 (1.8 - 7.6)	7.1 (1.8 - 8.6)	10.0 (3.0 - 14.0)	10.0 (3.0 - 14.0)	12.5 (3.3 - 15.0)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)	14.0 (3.4 - 16.0)
Heating capacity	BTU/h	20,500 (6,800 - 24,200)	24,200 (6,800 - 27,300)	34,100 (10,200 - 39,200)	34,100 (10,200 - 39,200)	42,700 (10,900 - 46,100)	42,700 (10,900 - 46,100)	47,800 (11,300 - 51,200)	47,800 (11,300 - 51,200)
		20,500 (6,100 - 25,900)	24,200 (6,100 - 29,300)	34,100 (10,200 - 47,800)	34,100 (10,200 - 47,800)	42,700 (11,300 - 51,200)	42,700 (11,300 - 51,200)	47,800 (11,600 - 54,600)	47,800 (11,600 - 54,600)
EER : COP	W/W	3.23 : 3.92 3.23 : 3.92	3.18 : 4.06 3.18 : 4.06	3.33 : 3.89 3.44 : 3.89	3.33 : 3.89 3.44 : 3.89	3.30 : 4.00 3.30 : 4.00	3.30 : 4.00 3.30 : 4.00	3.15 : 3.66 3.15 : 3.66	3.15 : 3.66 3.15 : 3.66
Total power input	Cooling : Heating	1.86 : 1.53	2.23 : 1.75	3.00 : 2.57	3.00 : 2.57	3.79 : 3.125	3.79 : 3.125	4.44 : 3.825	4.44 : 3.825
Indoor Unit									
Power source	Phase/Hz	1 Phase/ 50Hz		1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz		1 Phase/ 50Hz	1 Phase/ 50Hz
	V	230V 240V		230V 240V	230V 240V	230V 240V		230V 240V	230V 240V
Current	Cooling : Heating	0.85 : 0.85 0.86 : 0.86		1.24 : 1.24 1.25 : 1.25	1.72 : 1.72 1.74 : 1.74	1.72 : 1.72 1.74 : 1.74		1.82 : 1.82 1.84 : 1.84	1.82 : 1.82 1.84 : 1.84
Dimensions	H x W x D	290x1,100 (+100)x700		360x1,100 (+100)x700	360x1,100 (+100)x700	430x1,100 (+100)x700		430x1,100 (+100)x700	430x1,100 (+100)x700
Net weight	kg	35		42	44	48		53	53
Air volume	Cooling : Heating	366 : 366		500 : 500	666 : 666	833 : 833		833 : 833	1,000 : 1,000
External static pressure	Pa	70 (10 - 100)		100 (10 - 150)	100 (10 - 150)	100 (10 - 150)		100 (10 - 150)	100 (10 - 150)
Sound pressure level (H/M/L)	Cooling : Heating	43 / 41 / 40 : 43 / 41 / 40		45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45		49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47
Sound power level (H/M/L)	Cooling : Heating	60 / 58 / 57 : 60 / 58 / 57		62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67		71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69
Number of fan speeds		3		3	3	3		3	3
Drain pipe size	mm	VP-25		VP-25	VP-25	VP-25		VP-25	VP-25
Outdoor Unit									
Power source	Phase/Hz	1 Phase/ 50Hz		1 Phase/ 50Hz	1 Phase/ 50Hz	3 Phase/ 50Hz		1 Phase/ 50Hz	3 Phase/ 50Hz
	V	230V 240V		230V 240V	400V 415V	230V 240V		400V 415V	230V 240V
Current	Cooling : Heating	8.05 : 6.45 7.70 : 6.15		9.35 : 7.15 8.90 : 6.75	11.5 : 9.95 11.0 : 9.50	3.90 : 3.40 3.75 : 3.24		15.6 : 12.6 14.9 : 12.0	5.20 : 4.15 4.95 : 4.00
Dimensions	H x W x D	695 x 875 x 320		695 x 875 x 320	996 x 980 x 370	996 x 980 x 370		996 x 980 x 370	996 x 980 x 370
Net weight	kg	44		44	90	94		94	94
Air volume	Cooling : Heating	750 : 750		867 : 750	1,285 : 1,169	1,436 : 1,302		1,436 : 1,302	1,486 : 1,386
Sound pressure level (Silent mode)	Cooling : Heating	46 (44) : 48 (46)		49 (47) : 49 (47)	52 (50) : 52 (50)	55 (53) : 55 (53)		55 (53) : 55 (53)	56 (54) : 56 (54)
Sound power level (Silent mode)	Cooling : Heating	65 (63) : 66 (64)		67 (65) : 67 (65)	68 (66) : 67 (65)	70 (68) : 70 (68)		70 (68) : 70 (68)	71 (69) : 71 (69)
Piping connections	Liquid/Gas	Ø9.52 / Ø15.88		Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88		Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length	min. - max.	3 - 40		3 - 40	5 - 50	5 - 50		5 - 50	5 - 50
Elevation difference (OU located lower, OU located higher)	m	15, 30		15, 30	15, 30	15, 30		15, 30	15, 30
Maximum chargeless length	m	30		30	30	30		30	30
Refrigerant at shipping, Additional gas amount	g	R32, 1,450, 35 (g/m)		R32, 1,450, 35 (g/m)	R32, 2,600, 45 (g/m)	R32, 2,600, 45 (g/m)		R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)
Operation ranges	Cooling : Heating	-10 to 43 : -15 to 24		-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24		-10 to 43 : -15 to 24	-10 to 43 : -15 to 24

*Tubing size may differ depending on pipe length. Please refer to technical documents.

R410A DELUXE MODEL



INDOOR UNIT

Hidden in your ceiling



16.0kW
S-160PE1R5A



18.0kW - 22.4kW
S-180PE3R5 / S-200PE3R5 / S-224PE3R5

NEW

OUTDOOR UNIT

Sits outside your home



16.0kW - 22.4kW
U-160PE2R8A* / U-180PE2R8A*
U-200PE2R8A* / U-224PE2R8A*
*3 Phase

OPTIONAL CONTROLLER

Variety of options, easy to use



CZ-RTC5B
Deluxe Wired Remote Controller
This optional backlit LED large controller can be installed in your bedroom so you can change the temperature during the night without turning on the light.



CZ-RTC4
Wired Remote Controller
The wall control with its large LCD display gives you full operational access and can be easily customised to suit your unique requirements.



Smart Connectivity
SER8150
The new form for control solutions that achieves high IA while saving energy.



CZ-RWSK2 + CZ-RWSC3
Wireless Remote Controller
This wireless remote controller gives you the convenience to operate the unit from anywhere in the room.

SPECIFICATIONS

Capacity		16.0kW	18.0kW	20.0kW	22.4kW
Model Name	Indoor Unit	S-160PE1R5A	S-180PE3R5	S-200PE3R5	S-224PE3R5
	Outdoor Unit	U-160PE2R8A	U-180PE2R8A	U-200PE2R8A	U-224PE2R8A
Cooling capacity :	kW	16.0 (5.4 - 18.0)	18.0 (5.4-20.0)	20.0 (6.3-22.4)	22.4 (6.3-25.0)
	Heating capacity	18.0 (5.6 - 20.0)	20.0 (5.6-22.4)	22.4 (7.1-25.0)	25.0 (7.1-28.0)
	BTU/h	54,600 (18,400-61,400) 61,400 (19,100-68,200)	61,400 (18,400-68,200) 68,200 (19,100-76,400)	68,200 (21,500-76,400) 76,400 (24,200-85,300)	76,400 (21,500-85,300) 85,300 (24,200-95,500)
EER : COP	W/W	3.09 : 3.52	3.02:3.53 3.02:3.53	3.12:3.61 3.12:3.61	3.00:3.52 3.00:3.52
Total power input	Cooling : Heating kW	5.18 : 5.11	5.96 : 5.66	6.41 : 6.20	7.46 : 7.10
Indoor Unit					
Power source	Phase/Hz	1 Phase/ 50Hz			
	V	230V 240V			
Current	Cooling : Heating A	2.62 : 2.62 2.70 : 2.70	3.10:3.10 3.00:3.00	3.30:3.30 3.20:3.20	4.20:4.20 4.10:4.10
Dimensions	H x W x D mm	430x1,100(+100) x700			
Net weight	kg	53	85	88	88
Air volume	Cooling : Heating L/s	1,000 : 1,000	1,200 / 1,050 / 883 : 1,200 / 1,050 / 883	1,200 / 1,050 / 883 : 1,200 / 1,050 / 883	1,400 / 1,200 / 983 : 1,400 / 1,200 / 983
External static pressure	Pa	100 (10 - 150)			
Sound pressure level (H/M/L)	Cooling : Heating dB(A)	51/49/47 : 51/49/47	46/44/41:46/44/41	46/44/41:46/44/41	47/45/42:47/45/42
Sound power level (H/M/L)	Cooling : Heating dB(A)	73/71/69 : 73/71/69	78/76/73:78/76/73	78/76/73:78/76/73	79/77/74:79/77/74
Number of fan speeds		3			
Drain pipe size	mm	VP-25			
Outdoor Unit					
Power source	Phase/Hz	3 Phase/ 50Hz			
	V	450V 415V			
Current	Cooling : Heating A	7.40:7.20 7.00:6.90	8.55:8.05 8.25:7.80	9.10:8.85 8.75:8.55	10.30:9.85 9.90:9.50
Dimensions	H x W x D mm	1,500 x 980 x 370			
Net weight	kg	127	127	138	138
Air volume	Cooling : Heating L/s	2,733 : 2,733			
Sound pressure level (Silent mode)	Cooling : Heating dB(A)	59 (57) : 61 (59)	59 (57) : 61 (59)	60 (58) : 62 (60)	60 (58) : 62 (60)
Sound power level (Silent mode)	Cooling : Heating dB(A)	77 (75) : 79 (77)	77 (75) : 79 (77)	79 (77) : 81 (79)	79 (77) : 81 (79)
Piping connections	Liquid/Gas m	Ø9.52 / Ø19.05			
Pipe length	min. - max. m	5 - 50			
Elevation difference (OU located lower, OU located higher)	m	30, 30			
Maximum chargeless length	m	30			
Refrigerant at shipping, Additional gas amount	g	R410A, 5,600, 50 (g/m)			
Operation ranges	Cooling : Heating °C	-15 to 46 : -20 to 24			

*Tubing size may differ depending on pipe length. Please refer to technical documents.

