



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.



PRODUCT LINE-UP

Cooling Capacity	6.0kW	7.1kW	10.0kW	12.5kW
COMPACT MODEL 	 S-60PE1R5B	 S-71PE1R5B	 S-100PE1R5B	 S-125PE1R5B
	NEW  U-60PZ2R5	NEW  U-71PZ2R5	NEW  U-100PZ2R5 U-100PZ2R8*	NEW  U-125PZ2R5 U-125PZ2R8*
LARGE CAPACITY MODEL 				

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.

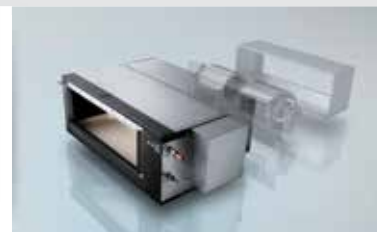
* In case of S-224PE3R5



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





	14.0kW	16.0kW	18.0kW	20.0kW	22.4kW
	 S-140PE1R5B				
	NEW ///  U-140PZ2R5 U-140PZ2R8*				
		 S-160PE1R5A	NEW ///  S-180PE3R5	NEW ///  S-200PE3R5	NEW ///  S-224PE3R5
		 U-160PE2R8A*	 U-180PE2R8A*	 U-200PE2R8A*	 U-224PE2R8A*

*3-Phase

COMPACT OUTDOOR UNIT DESIGN **NEW** ///

R32
 REFRIGERANT

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.

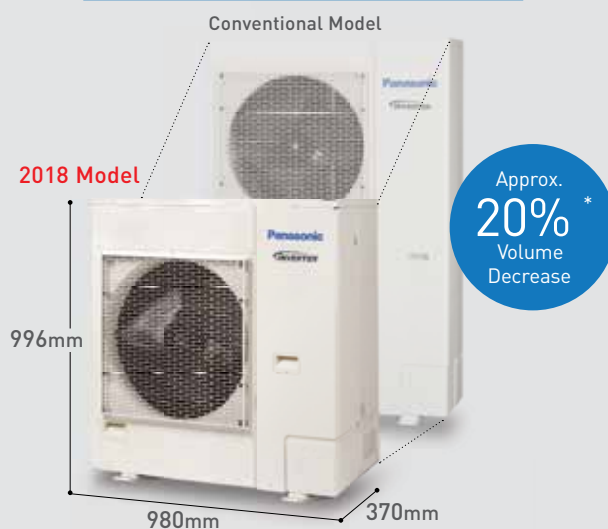
6.0 / 7.1kW Model



Height 996mm	695mm	↓ 301 mm Shorter
Weight 68kg	44kg	↓ 24kg Lighter

* Comparison between U-60PZ2R5 and U-60PE1R5A

10.0-14.0kW Model



Height 1,416mm	996mm	↓ 420 mm Shorter
Weight 98kg	90kg	↓ 8kg Lighter

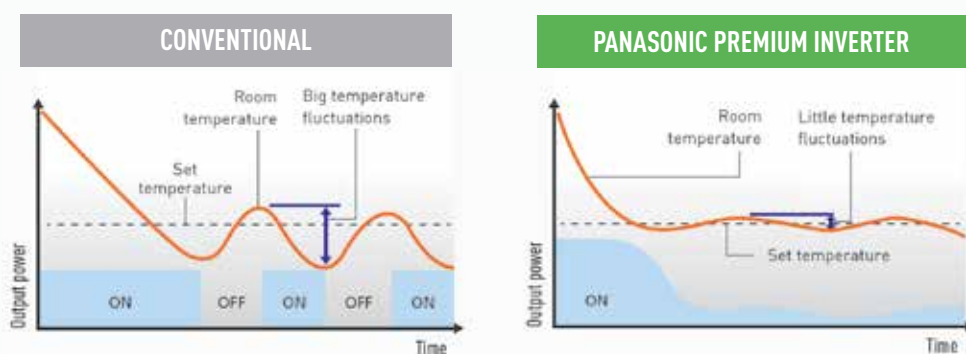
* Comparison between U-100PZ2R5 and U-100PE1R5A

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.

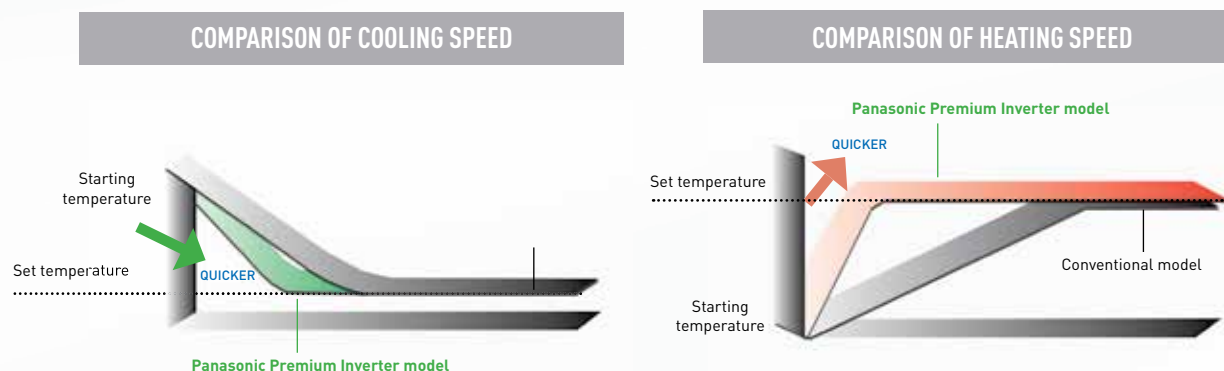
REDUCES ELECTRICITY CONSUMPTION

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

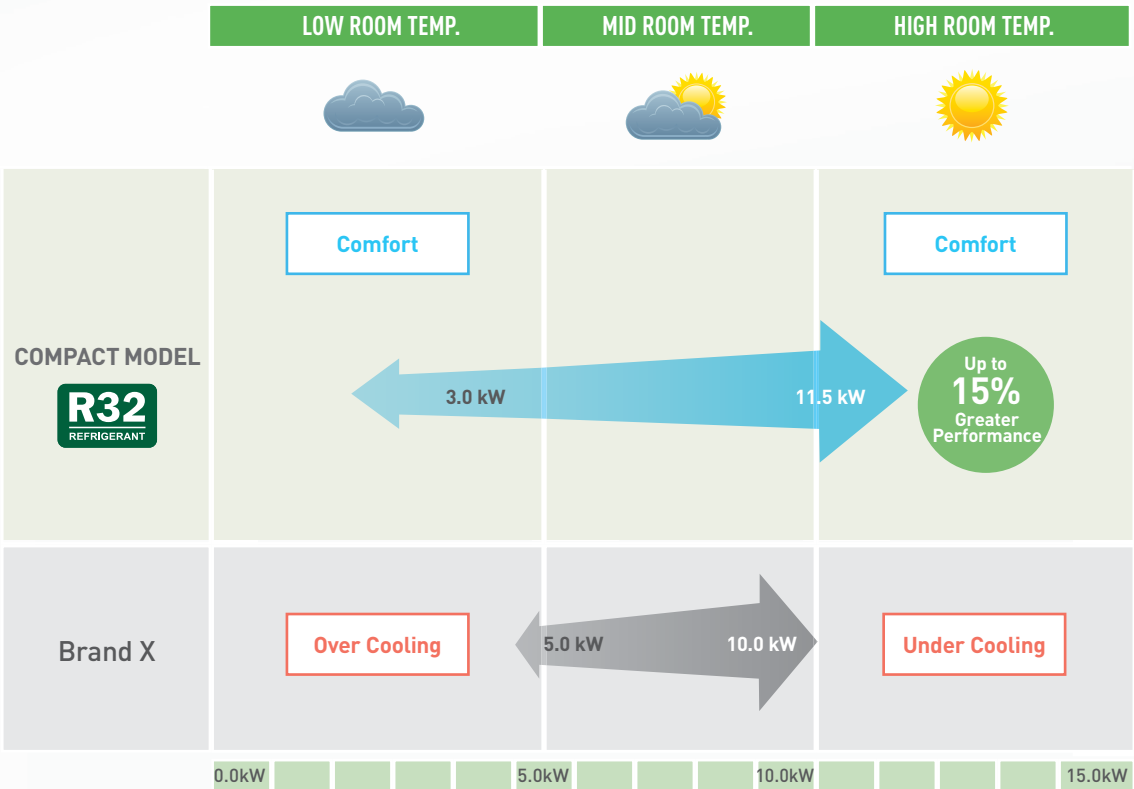
Panasonic Premium Inverter Ducted air conditioners can operate with higher power during the start-up period to cool and heat the room faster than conventional air conditioners.





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.



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

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.



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



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.



Control, comfort & reassurance



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.



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.



YOU CAN COUNT ON PANASONIC

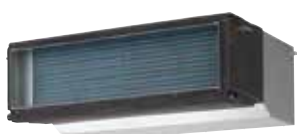
Panasonic air conditioners are manufactured to the highest quality standards to ensure years of reliable comfort. We even back our reliability by offering a full 5 year parts and labour warranty.

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

SPECIFICATIONS

Capacity			6.0kW	7.1kW	10.0kW
Model Name	Indoor Unit		S-60PE1R5B	S-71PE1R5B	S-100PE1R5B
	Outdoor Unit		U-60PZ2R5	U-71PZ2R5	U-100PZ2R5
Cooling capacity : Heating capacity		kW	6.0 (2.0 - 7.1) 6.0 (1.8 - 7.6)	7.1 (2.0 - 8.0) 7.1 (1.8 - 8.6)	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)
		BTU/h	20,500 (6,800 - 24,200) 20,500 (6,100 - 25,900)	24,200 (6,800 - 27,300) 24,200 (6,100 - 29,300)	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)
EER : COP	Cooling : Heating	W/W	3.23 : 3.92	3.18 : 4.06	3.44 : 3.89
Total power input	Cooling : Heating	kW	1.86 : 1.53	2.23 : 1.75	3.00 : 2.57
Indoor Unit					
Power source		Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
		V	240V	240V	240V
Current	Cooling : Heating	A	0.86 : 0.86	1.25 : 1.25	1.74 : 1.74
Dimensions	H x W x D	mm	290x1,100 (+100)x700	360x1,100 (+100)x700	360x1,100(+100)x700
Net weight		kg	35	42	44
Air volume	Cooling : Heating	L/s	366 : 366	500 : 500	666 : 666
External static pressure		Pa	70 (Max. 100)	100 (Max. 150)	100 (Max. 150)
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	43 / 41 / 40 : 43 / 41 / 40	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44
Sound power level (H/M/L)	Cooling : Heating	dB(A)	60 / 58 / 57 : 60 / 58 / 57	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66
Number of fan speeds			3	3	3
Drain pipe size		mm	VP-25	VP-25	VP-25
Outdoor Unit					
Power source		Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
		V	240V	240V	240V
Current	Cooling : Heating	A	7.70 : 6.15	8.90 : 6.75	11.0 : 9.50
Dimensions	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370
Net weight		kg	44	44	90
Air volume	Cooling : Heating	L/s	750 : 750	867 : 750	1,285 : 1,169
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	46 (44) : 48 (46)	49 (47) : 49 (47)	52 (50) : 52 (50)
Sound power level (Silent mode)	Cooling : Heating	dB(A)	65 (63) : 66 (64)	67 (65) : 67 (65)	68 (66) : 67 (65)
Piping connections	Liquid/Gas	m	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length	min. - max.	m	3 - 40	3 - 40	5 - 50
Elevation difference (OU located lower, OU located higher)		m	15, 30	15, 30	15, 30
Maximum chargeless length		m	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)
Operation ranges	Cooling : Heating	°C	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24



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.



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.

		12.5kW		14.0kW	
	S-100PE1R5B	S-125PE1R5B	S-125PE1R5B	S-140PE1R5B	S-140PE1R5B
	U-100PZ2R8	U-125PZ2R5	U-125PZ2R8	U-140PZ2R5	U-140PZ2R8
	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)
	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)
	3.44 : 3.89	3.30 : 4.00	3.30 : 4.00	3.15 : 3.66	3.15 : 3.66
	3.00 : 2.57	3.79 : 3.125	3.79 : 3.125	4.44 : 3.825	4.44 : 3.825
	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
	240V	240V	240V	240V	240V
	1.74 : 1.74	1.84 : 1.84	1.84 : 1.84	2.70 : 2.70	2.70 : 2.70
	360x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700
	44	48	48	53	53
	666 : 666	833 : 833	833 : 833	1,000 : 1,000	1,000 : 1,000
	100 (Max.150)	100 (Max.150)	100 (Max.150)	100 (Max.150)	100 (Max.150)
	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47
	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69
	3	3	3	3	3
	VP-25	VP-25	VP-25	VP-25	VP-25
	3 Phase/ 50Hz	1 Phase/ 50Hz	3 Phase/ 50Hz	1 Phase/ 50Hz	3 Phase/ 50Hz
	415V	240V	415V	240V	415V
	3.75 : 3.24	14.9 : 12.0	4.95 : 4.00	17.2 : 14.1	5.75 : 4.70
	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
	90	94	94	94	94
	1,285 : 1,169	1,436 : 1,302	1,436 : 1,302	1,486 : 1,386	1,486 : 1,386
	52 (50) : 52 (50)	55 (53) : 55 (53)	55 (53) : 55 (53)	56 (54) : 56 (54)	56 (54) : 56 (54)
	68 (66) : 67 (65)	70 (68) : 70 (68)	70 (68) : 70 (68)	71 (69) : 71 (69)	71 (69) : 71 (69)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
	15, 30	15, 30	15, 30	15, 30	15, 30
	30	30	30	30	30
	R32, 2,600, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)
	-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.

LARGE CAPACITY MODEL



INDOOR UNIT

Hidden in your ceiling



16.0kW

S-160PE1R5A



18.0kW – 22.4kW

S-180PE3R5 / S-200PE3R5 / S-224PE3R5

OUTDOOR UNIT

Sits outside your home



16.0kW – 22.4kW

U-160PE2R8A* / U-180PE2R8A*
U-200PE2R8A* / U-224PE2R8A*

*3 Phase

OPTIONAL CONTROLLER

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Deluxe Wired Remote Controller

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**Smart Connectivity
SER8150**

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



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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.

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 : Heating capacity	kW		16.0 (5.4 - 18.0) 18.0 (5.6 - 20.0)	18.0 (5.4-20.0) 20.0 (5.6-22.4)	20.0 (6.3-22.4) 22.4 (7.1-25.0)	22.4 (6.3-25.0) 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	Cooling : Heating	W/W	3.09 : 3.52	3.02 : 3.53	3.12 : 3.61	3.00 : 3.52
Total power input	Cooling : Heating	kW	5.18 : 5.11	5.96 : 5.66	5.99 : 6.20	6.21 : 7.10
Indoor Unit						
Power source		Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
		V	240V	240V	240V	240V
Current	Cooling : Heating	A	2.70 : 2.70	3.00 : 3.00	3.20 : 3.20	4.10 : 4.10
Dimensions	H x W x D	mm	430x1,100(+100) x700	486 x 1,456 x 916	486 x 1,456 x 916	486 x 1,456 x 916
Net weight		kg	53	85	86	88
Air volume	Cooling : Heating	L/s	1,000 : 1,000	1,200 : 1,200	1,200 : 1,200	1,400 : 1,400
External static pressure		Pa	100 (Max.150)	60 (Max.150)	75 (Max.180)	75 (Max.200)
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	3	3	3
Drain pipe size		mm	VP-25	VP-25	VP-25	VP-25
Outdoor Unit						
Power source		Phase/Hz	3 Phase/ 50Hz	3 Phase/ 50Hz	3 Phase/ 50Hz	3 Phase/ 50Hz
		V	415V	415V	415V	415V
Current	Cooling : Heating	A	7.00 : 6.90	8.25 : 7.80	8.75 : 8.55	9.90 : 9.50
Dimensions	H x W x D	mm	1,500 x 980 x 370	1500 x 980 x 370	1500 x 980 x 370	1500 x 980 x 370
Net weight		kg	127	127	138	138
Air volume	Cooling : Heating	L/s	2,733 : 2,733	2,733 : 2,733	2,666 : 2,666	2,666 : 2,666
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	Ø9.52 / Ø19.05	Ø12.7 / Ø19.05	Ø12.7 / Ø19.05
Pipe length	min. - max.	m	5 - 50	5 - 50	5 - 50	5 - 50
Elevation difference (OU located lower, OU located higher)		m	30, 30	30, 30	30, 30	30, 30
Maximum chargeless length		m	30	30	30	30
Refrigerant at shipping, Additional gas amount		g	R410A 5,600, 50 (g/m)	R410A, 5,600, 50 (g/m)	R410A, 6,400, 80 (g/m)	R410A, 6,400, 80 (g/m)
Operation ranges	Cooling : Heating	°C	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24

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



Panasonic

A Better Life. A Better World

- 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 July 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.

Authorised Dealer

18PAC0702DUCTED

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ACN 001 592 187 ABN 83 001 592 187

www.panasonic.com.au



Panasonic
Air Conditioning