



Product information
Website will be opened in July 2022



Technical documents
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R32/R410A INVERTER FLOOR STANDING AIR CONDITIONERS 2022/2023

Panasonic



**Building Passion,
Building Solutions.**
Panasonic Air Conditioning Systems

We face a time in which "quality air" differentiates business. It's a time for Panasonic to fully display its strengths. Our ability to assemble and build superior systems isn't just due to the rich resources we have as a comprehensive electronics manufacturer, but also to Panasonic's 100 years of tradition, where each person thinks and acts on their own initiative while working in a team to reach further heights. We do not compromise. Each of our independent selves is a one stop solution. We face our customers' challenges together with our customers and do all that we can to build effective systems. As a true partner for our customers, we strive to always be at the forefront of business.

- 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 May 30, 2022.
- 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

FLOOR STANDING INVERTER ASIA June 2022



nanoeX **INVERTER**

R32
REFRIGERANT

R410A

Panasonic Air-Conditioning Vietnam

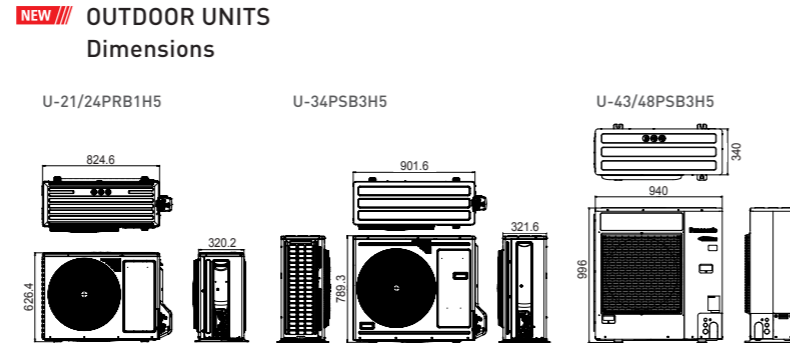
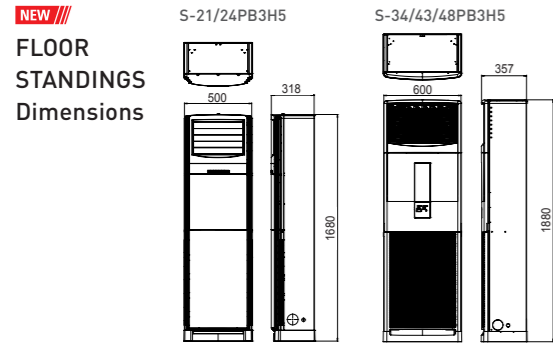


QUALITY AIR FOR LIFE

Product Lineup

- All new models equipped with nanoe™ X Generator Mark 2 as standard
- Little installation work required, easy to clean
- Adjustable airflow direction provides a comfortable space for all

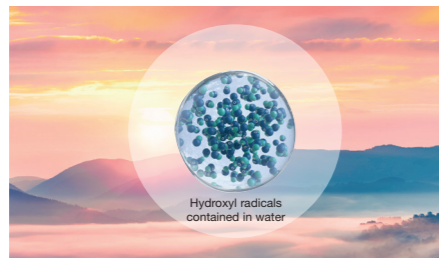
Type	Btu	20,500	24,600	34,100	42,700	47,750
Refrigerant		R32	R32	R410A	R410A	R410A
Floor standing		S-21PB3H5	S-24PB3H5	S-34PB3H5	S-43PB3H5	S-48PB3H5
Outdoor		U-21PRB1H5	U-24PRB1H5	U-34PSB3H5	U-43PSB3H5	U-48PSB3H5



nanoe™ X Bringing Nature's Balance Indoors

The well-being benefits of nature are well known but do you know the power of hydroxyl radicals?

Abundant in nature, hydroxyl radicals (also known as OH radicals) inhibit pollutants, viruses and bacteria to clean and deodorise. nanoe™ X technology can bring these incredible benefits indoors.



S-21/24 PB3H5

S-34/43/48 PB3H5

7 Effects of nanoe™ X : Creating Cleaner Environments

nanoe™ inhibits 5 types of pollutants, deodorises and moisturises thanks to the action of hydroxyl radicals contained in water.

<p>Deodorises</p>	<p>Inhibits 5 types of pollutants</p>	<p>Moisturises</p>
<p>Mould</p>	<p>Allergens</p>	<p>Pollen</p>
<p>Hazardous substances</p>		



nanoe™ X Effectiveness Proven in Large Space

Access to the evidence page of nanoe™ X effect

FLOOR STANDING

- Stylish design & powerful air flow
- The control panel/remote controller have nanoe™ X displays
- Compact 34,100 Btu ODU (210 mm shorter/27 kg lighter than current model)



Capacity (Btu/h)		20,500	24,600	34,100	42,700	47,750
Power Source	V/Phase Hz	220/230V, 1Ø Phase - 50Hz				
Indoor		S-21PB3H5	S-24PB3H5	S-34PB3H5	S-43PB3H5	S-48PB3H5
Outdoor		U-21PRB1H5	U-24PRB1H5	U-34PSB3H5	U-43PSB3H5	U-48PSB3H5
Cooling Capacity: Rated (Min-Max)	kW	6.05 (1.00-6.60)	7.25 (1.00-7.50)	10.00 (1.20-10.30)	12.53 (2.00-13.50)	14.00 (2.00-14.60)
	Btu/h	20,500 (3,410-22,500)	24,600 (3,410-25,570)	34,100 (4,090-35,120)	42,700 (6,820-46,030)	47,750 (6,820-49,780)
Current: Rated (Max)	A	8.90 (11.2)	11.2 (13.7)	15.1 (16.9)	20.3 (26.9)	25.6 (28.1)
Cooling Power Input: Rated (Min-Max)	kW	1.80 (0.21-2.30)	2.55 (0.21-2.80)	3.45 (0.30-3.60)	4.47 (0.80-5.00)	5.60 (0.80-5.70)
	W/W	3.36	2.84	2.89	2.80	2.50
Cooling Rated COP/EER	Btu/hW	11.3	9.64	9.88	9.55	8.52
Indoor Unit						
Cooling Air Volume	m³/min	15.5	15.5	32.0	32.0	32.0
	cfm	547	547	1,130	1,130	1,130
Sound Pressure Level (Hi/Lo)	dB (A)	45 / 31	45 / 33	53 / 44	53 / 44	53 / 44
Sound Power Level (Hi/Lo)	dB	58 / 44	58 / 46	66 / 57	66 / 57	66 / 57
Dimension	Indoor (HxWxD)	1,680 x 500 x 318	1,680 x 500 x 318	1,880 x 600 x 357	1,880 x 600 x 357	1,880 x 600 x 357
Net Weight	Indoor	29	29.5	45.0	45.0	45.0
Outdoor						
Sound Pressure Level	dB (A)	53	54	54	55	56
Sound Power Level	dB	66	67	67	68	69
Dimension Outdoor (HxWxD)	mm	626 x 825 x 320	626 x 825 x 320	786 x 900 x 320	996 x 940 x 340	996 x 940 x 340
Net Weight	kg	35.0	36.0	45.0	74.0	74.0
Piping Connection	Gas Pipe	mm (inch)	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Liquid Pipe	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
Pipe Length	Min-Max	m	3 - 40	3 - 40	7.5 - 50	7.5 - 50
Elevation Difference (Outdoor unit upper)	m	20	20	20	30	30
Maximum Chargeless Length Max	m	15	15	20	20	20
Additional Gas	g/m	10	10	40	50	50
Operation Range, Outdoor	Min-Max °C	18-43	18-43	18-43	18-43	18-43

* Specifications are subject to change without notice. Please refer to technical documents for more details.
* The sound pressure level is measured in accordance with JIS C 9 612 and JIS B 8616.

Clean airflow direction control with remote controller

Easily swing the louvre at the touch of a button.

S-21/24PB3H5 Blow distance: Up to 7 m

S-34/43/48PB3H5 Blow distance: Up to 11 m

Other Functions

Random auto restart

During a power failure, when power is restored, it automatically restarts operating in the same mode as just before power was lost.

Auto fan mode

When the auto fan mode is set, the indoor unit of the air conditioner automatically adjusts the suitable fan speed according to factors such as load.

12-hour On/Off delay setting timer

Pressing the timer button on the remote control lets you set operation start/stop time within 12 hours of the current time.



* The images above show the remote controller screen display.