

Panasonic®

- 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 January 2023.
- Due to printing considerations, actual colours may vary slightly from those shown.
- All graphics are provided solely for the purpose of illustrating a point.



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

Authorised Dealer



Panasonic Air-Conditioning Malaysia (PACMY)
A Division Company of Panasonic Malaysia Sdn. Bhd.

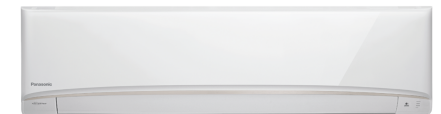
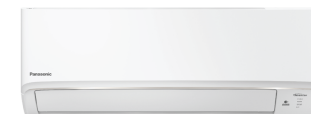
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AC-MSIA-XPU-23

RESIDENTIAL AIR CONDITIONERS X-DELUXE INVERTER (XPU) 2023/2024



nanoeX



POWERFUL

INVERTER

QUALITY AIR FOR LIFE

FEATURES

nanoe™ X



nanoe™ X

Better Indoor Air Quality

Activate nanoe™ X all day long to stay safe with quality indoor air. nanoe™ X effectively inhibits novel coronavirus and various types of pollutants, reduces odour as well as moisturises skin and hair.



**Testing organisation: TEXCELL (France) • Test subject: novel coronavirus (SARS-CoV-2) • Test volume: 45L enclosed box (400 mm × 350 mm × 350 mm) • Exposure time: 2 hours • Exposure distance: 15cm • Test report no.: 1140-01 A1
Notes: (1) The virus infectious titer was measured and used to calculate the inhibition rate. (2) This verification was designed to generate basic research data on the effects of nanoe™ X on the novel coronavirus in laboratory conditions. It was not designed to evaluate product performance.



CONNECTIVITY



Convenient Centralised Control

With the Optional network adaptor (CZ-TACG1) connectable to Panasonic Comfort Cloud App, control and monitor all air conditioning units from mobile devices remotely. Turn on nanoe™ X when you are away from home or schedule timer according to your lifestyle needs, and monitor energy consumption conveniently.

Benefits of Comfort Cloud App:



nanoe-G



nanoe-G

Remove Dust Particles (PM2.5)

Effective in removing 99%*2 of dust particles, nanoe-G releases negative ions to capture dust particles sized as small as PM2.5, carrying them back to the filter to provide a clean and pristine living space.

*1 • Testing Organisation: FCG Research Institute, Inc. • Test Subject: Cigarette smoke (as PM2.5) • Test Volume: 23m³ • Test Result: Removed by 99% (compared to the initial concentration) • Test Report No: 25034

COMFORT

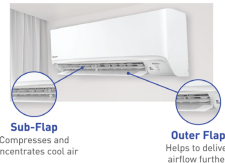


POWERFUL

Instant Cooling with a Push of a Button

POWERFUL Mode will run both the compressor and indoor fan at super high speed, so you get to enjoy powerful cooling.

*1 Comparison of POWERFUL Cool Mode & normal cool mode by using 1.5HP Inverter Model.



AEROWINGS

Stay Cool with AEROWINGS

AEROWINGS concentrates cool air for further and faster airflow across the room using 2 flaps for cooling comfort.

EFFICIENCY



AI ECO

Intelligently Balances Energy Savings and Comfort

ECO Mode with Artificial Intelligence (A.I.) Control efficiently cools a room by finding the perfect ECO balance between power consumption and duration needed to reach the desired temperature, maintaining comfort with minimal energy waste.

*1 Comparison of ECO Mode & normal mode by using 1.5HP Inverter Model.



INVERTER

Energy Efficiency

Reduces the power consumption by precise the temperature control with Panasonic Inverter technology for energy saving.

DURABILITY



Blue Fin Condenser

Durable Outdoor Units

Panasonic's outdoor unit is equipped with anti-rust Blue Fin and Copper Tube condenser, water-resistant Printed Circuit Board, and a corrosion-resistant coating, making it highly durable for an extended period of time under a wide range of conditions.

X-DELUXE INVERTER R32 Single-Split Type



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Network Adaptor
CZ-TACG1
(Optional)



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Network Adaptor
CZ-TACG1
(Optional)

		nanoe™ X Generator Mark1	nanoe-G	Panasonic Comfort Cloud App (Optional network adaptor)	AEROWINGS	POWERFUL	INVERTER	AI ECO
MODEL	INDOOR UNIT (50Hz)	CS-XPU10WKH-1A	CS-XPU13WKH-1A	CS-XPU18WKH-1	CS-XPU24WKH-1	CS-XPU28WKH-1		
	OUTDOOR UNIT	CU-XPU10WKH-1A	CU-XPU13WKH-1A	CU-XPU18WKH-1	CU-XPU24WKH-1	CU-XPU28WKH-1		
Cooling Capacity	[min-max]	kW	2.84 [0.90-3.40]	3.66 [1.02-4.10]	5.57 [1.10-6.21]	6.60 [1.12-7.18]	7.10 [1.25-8.50]	
	[min-max]	Btu/h	9,680 [3,070-11,600]	12,500 [3,480-14,000]	19,000 [3,750-21,200]	22,500 [3,820-24,500]	24,200 [4,260-29,000]	
EER	[min-max]	Btu/hW	13.26 [13.64-11.26]	12.63 [12.65-12.07]	12.26 [12.93-11.46]	12.23 [12.32-11.67]	12.10 [12.17-10.74]	
	[min-max]	W/W	3.89 [4.00-3.30]	3.70 [3.71-3.53]	3.59 [3.79-3.36]	3.59 [3.61-3.42]	3.55 [3.57-3.15]	
CSPF		W/W	5.55	5.42	5.95	5.85	5.43	
Electrical Data	Voltage	V	230	230	230	230	230	
	Current	A	3.5	4.6	6.9	8.3	8.8	
	Power Input [min-max]	W	730 [225-1,030]	990 [275-1,160]	1,550 [290-1,850]	1,840 [310-2,100]	2,000 [350-2,700]	
Moisture Removal		L/h	1.7	2.1	3.0	3.7	4.1	
		Pt/h	3.6	4.4	6.3	7.8	8.7	
Air Circulation	Indoor	m³/min (ft³/min)	10.3 [365]	11.0 [390]	19.6 [690]	20.2 [715]	21.7 [765]	
	Outdoor	m³/min (ft³/min)	27.6 [970]	30.6 [1,080]	39.3 [1,390]	36.0 [1,270]	45.9 [1,620]	
Noise Level	Indoor [H / L / Q-Lo]	dB(A)	38/26/19	40/26/21	44/32/28	45/36/31	47/37/34	
	Outdoor [H]	dB(A)	47	48	50	52	53	
Dimensions Indoor (Outdoor)	Height	mm	290 [511]	290 [542]	302 [619]	302 [619]	302 [695]	
		inch	11-7/16 [20-1/8]	11-7/16 [21-1/32]	11-29/32 [24-3/8]	11-29/32 [24-3/8]	11-29/32 [27-3/8]	
	Width	mm	779 [650]	779 [780]	1,102 [824]	1,102 [824]	1,102 [875]	
		inch	30-11/16 [25-19/32]	30-11/16 [30-23/32]	43-13/32 [32-15/32]	43-13/32 [32-15/32]	43-13/32 [34-15/32]	
	Depth	mm	209 [230]	209 [289]	244 [299]	244 [299]	244 [320]	
		inch	8-1/4 [9-1/16]	8-1/4 [11-13/32]	9-5/8 [11-25/32]	9-5/8 [11-25/32]	9-5/8 [12-5/8]	
Net Weight	Indoor	kg (lb)	8 [18]	8 [18]	12 [26]	12 [26]	13 [29]	
	Outdoor	kg (lb)	17 [37]	22 [49]	30 [66]	34 [75]	48 [106]	
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	
		inch	1/4	1/4	1/4	1/4	1/4	
	Gas Side	mm	ø 9.52	ø 9.52	ø 12.70	ø 15.88	ø 15.88	
Pipe Extension		inch	3/8	3/8	1/2	5/8	5/8	
	Chargeless Pipe Length	m	7.5	7.5	10.0	10.0	10.0	
	Maximum Pipe Length	m	20	20	30	30	30	
	Maximum Elevation Length	m	15	15	20	20	20	
Power Supply	Additional Refrigerant Gas*	g/m	10	10	15	25	25	
			Indoor	Indoor	Indoor	Indoor	Outdoor	

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



CU-XPU10WKH-1A



CU-XPU13WKH-1A



CU-XPU18WKH-1
CU-XPU24WKH-1



CU-XPU28WKH-1