

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



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.



\*1 Testing organisation: TEXCELL (France) • Test subject: novel coronavirus (SARS-CoV-2) • Test volume: 45L enclosed box (400 mm x 350 mm x 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.

\*2 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)

\*3 Test Report No. 2804

### 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.

\*3 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 (AI) 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.

\*4 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

#### COPPER TUBE 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



CS-XPU10WKH-1A | CS-XPU13WKH-1A



Wireless  
(Standard)



Network Adaptor  
CZ-TACG1  
(Optional)



CS-XPU18WKH-1 | CS-XPU24WKH-1 | CS-XPU28WKH-1



Wireless  
(Standard)



Network Adaptor  
CZ-TACG1  
(Optional)



nanoe™ G



nanoe™ G



AEROWINGS



POWERFUL



INVERTER



AI ECO

MODEL	INDOOR UNIT (50Hz)	OUTDOOR UNIT	CS-XPU10WKH-1A	CS-XPU13WKH-1A	CS-XPU18WKH-1	CS-XPU24WKH-1	CS-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]
		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]
		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	Voltage	5.55	5.42	5.95	5.85	5.43
		Current	230	230	230	230	230
Electrical Data	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]
		L/h	1.7	2.1	3.0	3.7	4.1
Moisture Removal	Pt/h		3.6	4.4	6.3	7.8	8.7
		Indoor	m³/min (ft³/min)	10.3 [365]	11.0 [390]	19.6 [690]	20.2 [715]
Air Circulation	Outdoor	m³/min (ft³/min)	27.6 [970]	30.6 [1,080]	39.3 [1,390]	36.0 [1,270]	45.9 [1,620]
		Indoor (H / L / Q-Lo)	dBA	38/26/19	40/26/21	44/32/28	45/36/31
Noise Level	Outdoor (H)	dBA	47	48	50	52	53
		mm	290 [511]	290 [542]	302 [619]	302 [619]	302 [695]
Dimensions	Indoor (Outdoor)	inch	11-7/16 [20-1/8]	11-7/16 [21-11/32]	11-29/32 [24-3/8]	11-29/32 [24-3/8]	11-29/32 [27-3/8]
		mm	779 [650]	779 [780]	1,102 [824]	1,102 [824]	1,102 [875]
Depth	mm	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]	43-13/32 [34-15/32]
		inch	209 [230]	209 [289]	244 [299]	244 [299]	244 [320]
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]
Liquid Side	mm	ø 6.35	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
Refrigerant Pipe Diameter	Gas Side	mm	ø 9.52	ø 9.52	ø 12.70	ø 15.88	ø 15.88
		inch	3/8	3/8	1/2	5/8	5/8
Pipe Extension	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						
	Outdoor						

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

### OUTDOOR UNIT

#### Blue Fin Condenser

R32  
REFRIGERANT



CU-XPU10WKH-1A



CU-XPU13WKH-1A



CU-XPU18WKH-1



CU-XPU24WKH-1



CU-XPU28WKH-1