



## RESIDENTIAL AIR CONDITIONERS

X-DELUXE INVERTER (XPU) R32

2021/2022



### OUTDOOR



CU-XPU10XKH-1



CU-XPU13XKH-1



CU-XPU18XKH-1  
CU-XPU24XKH-1



CU-XPU28XKH-1



X-DELUXE INVERTER (XPU) R32

nanoeX

ECO+AI

POWERFUL

R32  
REFRIGERANT



A Better Life, A Better World

QUALITY AIR FOR LIFE

# WALL-MOUNTED: X-DELUXE INVERTER (XPU) R32 Single-Split Type



## Key Features

### Energy Efficient & Eco-friendly Technologies



#### Intelligently Balances Between Comfort & Energy Savings

ECO Mode with A.I. Control automatically learns and judges to the optimal ECO level to maximise the energy saving.

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



#### An Environmentally-friendly Refrigerant



#### Better Living, Together with Eco-Friendly Technologies

Efficiency provides a sustainable living environment with technologies that reduce carbon emissions into the Earth's atmosphere whilst saving costs on the use of electricity, providing an eco-friendly solution for you and the environment.

### Powerful Cooling with Long Airflow



#### Enjoy Faster Cooling With Just A Push Of A Button

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

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



#### 7 Effects of nanoe™ X

nanoe™ X technology effectively inhibits 5 types of pollutants, deodorises and moisturises with the benefits of hydroxyl radicals contained in water.



\*nanoeX Generator Mark 2.

### Panasonic Comfort Cloud App



#### Convenient Centralised Solutions

Convenient Manage & Monitor Multiple Air Conditioning in one mobile device.



#### Smart Control

Control multiple AC units in one or more locations.



#### Smart Comfort

Remotely access all air conditioners features.



#### Smart Efficiency

Analyse and compare energy usage to save costs.



#### Smart Assist

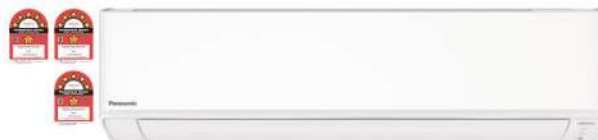
Easily troubleshoot errors or assign other AC users.

## Specifications

### Easy Installation & Maintenance Model



CS-XPU10XKH-1 | CS-XPU13XKH-1



CS-XPU18XKH-1 | CS-XPU24XKH-1 | CS-XPU28XKH-1

Applicable to all models



MODEL	INDOOR UNIT (50Hz)		CS-XPU10XKH-1	CS-XPU13XKH-1	CS-XPU18XKH-1	CS-XPU24XKH-1	CS-XPU28XKH-1
	OUTDOOR UNIT		CU-XPU10XKH-1	CU-XPU13XKH-1	CU-XPU18XKH-1	CU-XPU24XKH-1	CU-XPU28XKH-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 (12.32-11.95)	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 (3.61-3.50)	3.55 (3.57-3.15)
CSPF		W/W	5.46	5.46	5.95	6.10	5.44
Electrical Data	Voltage	V	230	230	230	230	230
	Current	A	3.3	4.4	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 (310-2,050)	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)	18.7 (660)	19.2 (680)	20.8 (735)
	Outdoor	m³/min (ft³/min)	27.6 (970)	30.6 (1,080)	39.3 (1,385)	34.9 (1,230)	45.9 (1,620)
Noise Level	Indoor (H / L / O-Lo)	dB(A)	38/26/19	40/26/21	44/32/27	45/34/28	47/37/34
	Outdoor (H)	dB(A)	47	48	50	52	53
Dimensions Indoor (Outdoor)	Height	mm	290 (511)	290 (542)	295 (619)	295 (619)	295 (695)
		inch	11-7/16 (20-1/8)	11-7/16 (21-11/32)	11-5/8 (24-3/8)	11-5/8 (24-3/8)	11-5/8 (27-3/8)
	Width	mm	779 (650)	779 (780)	1,040 (824)	1,040 (824)	1,040 (875)
		inch	30-11/16 (25-19/32)	30-11/16 (30-23/32)	40-31/32 (32-15/32)	40-31/32 (32-15/32)	40-31/32 (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)	14 (31)
	Outdoor	kg (lb)	18 (40)	22 (49)	28 (62)	31 (68)	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 12.70	ø 15.88
		inch	3/8	3/8	1/2	1/2	5/8
Pipe Extension	Chargeless Pipe Length		m	7.5	10.0	10.0	10.0
	Maximum Pipe Length		m	20	30	30	30
	Maximum Elevation Length		m	15	15	20	20
	Additional Refrigerant Gas*		g/m	10	10	15	25
Power Supply			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.

- 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 leaflet are accurate as of May 2021.
- 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