

RESIDENTIAL AIR CONDITIONERS

X-DELUXE INVERTER (XPU) R32

2021/2022



OUTDOOR



CU-XPU10XKH-1



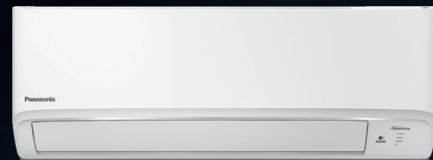
CU-XPU13XKH-1



CU-XPU18XKH-1
CU-XPU24XKH-1



CU-XPU28XKH-1



X-DELUXE INVERTER (XPU) R32



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 1.

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

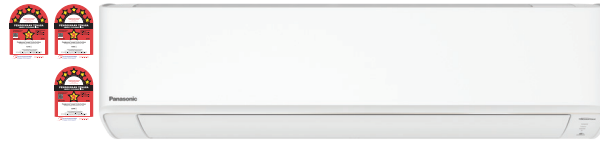
Easily troubleshoot errors or assign other AC users.

Specifications

Easy Installation & Maintenance Model



CS-XPU10XKH-1 | CS-XPU13XKH-1



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

Applicable to all models



Wireless (Standard)



Wired CZ-RDS14C (Optional)



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 (4,260-29,000)	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
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	m ³ /min (ft ³ /min)	10.3 (365)	11.0 (390)	18.7 (660)	19.2 (680)	20.8 (735)
	Outdoor	m ³ /min (ft ³ /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 / Q-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	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
	Additional Refrigerant Gas*	g/m	10	10	15	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