

RESIDENTIAL AIR CONDITIONERS

STANDARD INVERTER (PU) R32

2021/2022



OUTDOOR



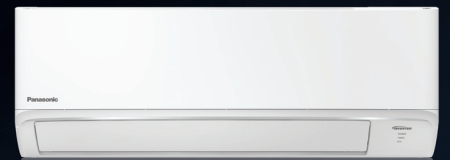
CU-PU9XKH-1



CU-PU12XKH-1



CU-PU18XKH-1
CU-PU24XKH-1



STANDARD INVERTER (PU) R32

ECO+**A.I.**

R32
REFRIGERANT

POWERFUL



QUALITY AIR FOR LIFE

A Better Life, A Better World

WALL-MOUNTED: STANDARD INVERTER (PU) 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.
**Applicable to CS-PU9/12/18XKH-1



An Environmentally-friendly Refrigerant



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.



Long Airflow

Big bottom flap directs cool air across the room.

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

Panasonic Comfort Cloud App



Convenient Centralised Solutions

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

Wireless LAN Remote Control for Internet Connection (optional network adaptor) applicable to STANDARD INVERTER (PU) R32 model



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

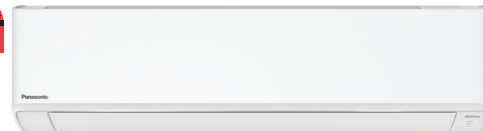
Easy Installation & Maintenance Model



*only for CS-PU9/12/18 XKH-1



CS-PU9XKH-1 | CS-PU12XKH-1 | CS-PU18XKH-1



CS-PU24XKH-1

Applicable to all models



BIG FLAP | AEROWINGS | POWERFUL | INVERTER | ECO+A.I.

[CS-PU9/12/18XKH-1]

[CS-PU24XKH-1]

| MODEL | INDOOR UNIT (50Hz) | | CS-PU9XKH-1 | CS-PU12XKH-1 | CS-PU18XKH-1 | CS-PU24XKH-1 | |
|-----------------------------|-----------------------------|--|---------------------|-----------------------|-----------------------|-----------------------|------|
| | OUTDOOR UNIT | | CU-PU9XKH-1 | CU-PU12XKH-1 | CU-PU18XKH-1 | CU-PU24XKH-1 | |
| Cooling Capacity | (min-max) | kW | 2.78 (0.84-2.90) | 3.60 (1.02-4.00) | 5.30 (1.10-5.60) | 6.90 (1.12-7.18) | |
| | (min-max) | Btu/h | 9,480 (2,860-9,890) | 12,300 (3,480-13,600) | 18,100 (3,750-19,100) | 23,500 (3,820-24,500) | |
| EER | (min-max) | Btu/hW | 11.85 (12.71-10.99) | 11.50 (12.65-11.06) | 10.97 (12.93-10.61) | 12.05 (12.32-11.95) | |
| | (min-max) | W/W | 3.48 (3.73-3.22) | 3.36 (3.71-3.25) | 3.21 (3.79-3.11) | 3.54 (3.61-3.50) | |
| CSPF | | | 4.83 | 4.92 | 5.09 | 6.10 | |
| | Voltage | V | 230 | 230 | 230 | 230 | |
| Electrical Data | Current | A | 3.7 | 4.8 | 7.3 | 8.6 | |
| | Power Input (min-max) | W | 800 (225-900) | 1,070 (275-1,230) | 1,650 (290-1,800) | 1,950 (310-2,050) | |
| Moisture Removal | | | 1.6 | 2.1 | 2.9 | 3.9 | |
| | | L/h | 1.6 | 2.1 | 2.9 | 3.9 | |
| Air Circulation | Indoor | m ³ /min (ft ³ /min) | 10.3 (365) | 11.3 (400) | 12.6 (445) | 19.2 (680) | |
| | Outdoor | m ³ /min (ft ³ /min) | 26.7 (940) | 30.2 (1,065) | 39.3 (1,390) | 34.9 (1,230) | |
| Noise Level | Indoor (H / L / Q-Lo) | dB(A) | 38/26/21 | 40/28/21 | 44/34/28 | 45/34/29 | |
| | Outdoor (H) | dB(A) | 47 | 48 | 50 | 52 | |
| Dimensions Indoor (Outdoor) | Height | mm | 290 (511) | 290 (542) | 290 (619) | 295 (619) | |
| | | inch | 11-7/16 (20-1/8) | 11-7/16 (21-11/32) | 11-7/16 (24-3/8) | 11-5/8 (24-3/8) | |
| | Width | mm | 779 (650) | 779 (780) | 779 (824) | 1,040 (824) | |
| | | inch | 30-11/16 (25-19/32) | 30-11/16 (30-23/32) | 30-11/16 (32-15/32) | 40-31/32 (32-15/32) | |
| | Depth | mm | 209 (230) | 209 (289) | 209 (299) | 244 (299) | |
| | | inch | 8-1/4 (9-1/16) | 8-1/4 (11-13/32) | 8-1/4 (11-25/32) | 9-5/8 (11-25/32) | |
| Net Weight | Indoor | kg (lb) | 8 (18) | 8 (18) | 9 (20) | 12 (26) | |
| | Outdoor | kg (lb) | 17 (37) | 22 (49) | 28 (62) | 31 (68) | |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | |
| | | inch | 1/4 | 1/4 | 1/4 | 1/4 | |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 12.70 | ø 12.70 | |
| | | inch | 3/8 | 3/8 | 1/2 | 1/2 | |
| Pipe Extension | Chargeless Pipe Length | | m | 7.5 | 7.5 | 10.0 | 10.0 |
| | Maximum Pipe Length | | m | 20 | 20 | 30 | 30 |
| | Maximum Elevation Length | | m | 15 | 15 | 20 | 20 |
| | Additional Refrigerant Gas* | | g/m | 10 | 10 | 15 | 15 |
| Power Supply | | | Indoor | Indoor | Indoor | Indoor | |

*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