



## RESIDENTIAL AIR CONDITIONERS 2021/2022

STANDARD INVERTER [PU] R32



### OUTDOOR



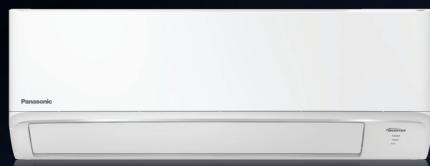
CU-PU9XKH-1



CU-PU12XKH-1



CU-PU18XKH-1  
CU-PU24XKH-1



STANDARD INVERTER [PU] R32



A Better Life, A Better World

QUALITY AIR FOR LIFE

# 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

HIGHER COOLING CAPACITY

REDUCE ENERGY COSTS

ECO FRIENDLY

### 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 Efficiency

Analyse and compare energy usage to save costs.



#### Smart Comfort

Remotely access all air conditioners features.



#### Smart Assist

Easily troubleshoot errors or assign other AC users.

## Specifications

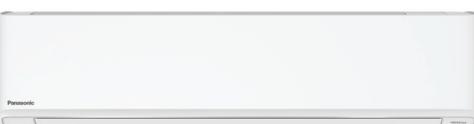
### Easy Installation & Maintenance Model

#### GOOD DESIGN AWARD 2020

\*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

(CS-PU9/12/18XKH-1) (CS-PU24XKH-1)

### POWERFUL

### INVERTER

### ECO+A.I.

| 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                        |                             | W/W              | 4.83                | 4.92                  | 5.09                  | 6.10                  |
| Electrical Data             | Voltage                     | V                | 230                 | 230                   | 230                   | 230                   |
|                             | 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            | L/h                         | 1.6              | 2.1                 | 2.9                   | 3.9                   | 6.10                  |
|                             | Pt/h                        | 3.4              | 4.4                 | 6.1                   | 8.2                   |                       |
| Air Circulation             | Indoor                      | m³/min (ft³/min) | 10.3 (365)          | 11.3 (400)            | 12.6 (445)            | 19.2 (680)            |
|                             | Outdoor                     | m³/min (ft³/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)   |
| Net Weight                  | 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)      |
| Refrigerant Pipe Diameter   | 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               |
| Pipe Extension              | Gas Side                    | inch             | 3/8                 | 3/8                   | 1/2                   | 1/2                   |
|                             | 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                    |
| Power Supply                | Additional Refrigerant Gas* | g/m              | 10                  | 10                    | 15                    | 15                    |
|                             |                             |                  | 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