Panasonic

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Residential Air Conditioners

# RESIDENTIAL AIR CONDITIONERS
## (FOR WS/ACS/KKE) 2023/2024

AERO ELITE INVERTER

PREMIUM INVERTER

nanoeX Generator Mark3

INSIDE CLEANING ON DEMAND

Panasonic Comfort Cloud App

BUILT-IN EASY CONNECT

HUMIDITY SENSOR + DRY MODE

QUALITY AIR FOR LIFE

## PRODUCT LINE-UP

### VU — ELITE INVERTER

1.0HP - 2.0HP

- nanoeX Generator Mark1
- nanoe-G
- Comfort Cloud App (Optional Network Adaptor)
- SKYWING
- iAUTO-X
- XTRA QUIET 18dB (CS-VU9UKH-8)

### XU — AERO ELITE INVERTER

NEW

1.0HP - 2.5HP

- nanoeX Generator Mark3
- INSIDE CLEANING ON DEMAND
- BUILT-IN EASY CONNECT
- Comfort Cloud App
- HUMIDITY SENSOR + DRY MODE
- HUMIDITY SENSOR + iAUTO-X
- nanoe-G
- AEROWINGS
- AI ECO

### U — PREMIUM INVERTER

NEW

1.0HP - 2.5HP

- nanoeX Generator Mark2
- INSIDE CLEANING ON DEMAND
- BUILT-IN EASY CONNECT
- Comfort Cloud App
- HUMIDITY SENSOR + DRY MODE
- HUMIDITY SENSOR + iAUTO-X
- nanoe-G
- AEROWINGS
- AI ECO

### XPU — STANDARD INVERTER with nanoe™ X

NEW

1.0HP - 2.5HP

- nanoeX Generator Mark1
- Comfort Cloud App (Optional Network Adaptor)
- AEROWINGS (CS-XPU18XKH-8B/CS-XPU24XKH-8)
- BIG FLAP (CS-XPU9/12/18XKH-8)
- nanoe-G
- POWERFUL
- AI ECO

### WPU — STANDARD INVERTER with Wi-Fi

NEW

1.0HP - 2.5HP

- nanoe-G
- BUILT-IN
- Comfort Cloud App
- BIG FLAP (CS-WPU9/12ZKH-8/CS-WPU18XKH-8)
- AEROWINGS (CS-WPU24XKH-8)
- POWERFUL
- AI ECO

### N — STANDARD NON-INVERTER

1.0HP - 2.5HP

- nanoe-G
- BIG FLAP
- POWERFUL

### XZ — PREMIUM INVERTER HEAT PUMP

NEW

1.0HP - 2.5HP

- nanoeX Generator Mark3
- INSIDE CLEANING ON DEMAND
- BUILT-IN EASY CONNECT
- Comfort Cloud App
- HUMIDITY SENSOR + DRY MODE
- HUMIDITY SENSOR + iAUTO-X
- nanoe-G
- AEROWINGS
- AI ECO

### YZ — STANDARD INVERTER HEAT PUMP



1.0HP - 2.0HP

- nanoe-G
- Comfort Cloud App (Optional Network Adaptor)
- BIG FLAP (CS-YZ9/12WKH-8)
- AEROWINGS (CS-YZ18XKH-8)
- POWERFUL
- AI ECO

## FEATURES EXPLANATION

### Air Purification

**nanoeX** — nanoe™ X effectively deodorises and inhibits various pollutants for a fresher and cleaner space.

**INSIDE CLEANING ON DEMAND** — Inside cleaning works inside of an indoor unit by removing moisture, and releases nanoe™ X to inhibit various pollutants.

**nanoe-G** — nanoe-G effectively removes up to 99% of PM2.5.

### Connectivity

**Comfort Cloud App** — Provides convenience to connect and control the air conditioner anywhere, anytime.

### Comfort

**HUMIDITY SENSOR + DRY MODE** — Air conditioner with Humidity Sensor and Dry Mode helps to remove excess moisture in the room while preventing overcooling.

**HUMIDITY SENSOR + iAUTO-X** — Air conditioner with Humidity Sensor and iAUTO-X mode helps to provide an ideal sleep environment.

**POWERFUL** — POWERFUL Mode cools your room faster during start-up for instant cooling comfort.

**SKYWING** — Top airflow cools the ceiling and walls for an all-round cooling.

**AEROWINGS** — Further, faster, and concentrated airflow with 2 independent flaps and motors.

**BIG FLAP** — Big bottom flap directs cool air across the room.

### Energy Efficiency

**INVERTER** — Varies the rotation speed of the compressor for higher energy saving.

**AI ECO** — Auto-adjusts the optimal ECO level based on the heat load conditions and air conditioning cooling capacity.

24-hour nanoeX Protection

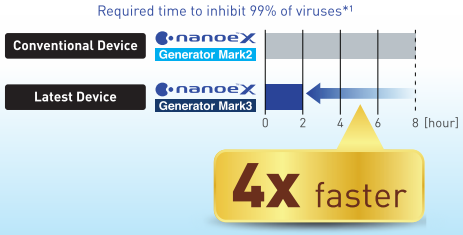
# nanoeX Clean 'n Care function

Scan to know more

## High Efficiency of nanoe X Generator Mark 3

nanoe™ X technology with mark 3 generator contains 100 times more hydroxyl radicals compared to nanoe™. This helps to effectively inhibit pollutants and deodorise odours at a faster pace.

**4x Faster in Virus Inhibition vs nanoe X Generator Mark 2**




**7 Effects of nanoe™ X**

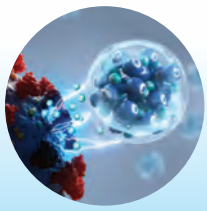
Inhibits 5 Types of Pollutants

Bacteria & Viruses · Mould · Allergens · Pollen · Hazardous Substances

Deodorises: Odours

Moisturises: Skin & Hair

nanoe™ X inhibits up to **99.7%*2 of Novel Coronavirus**



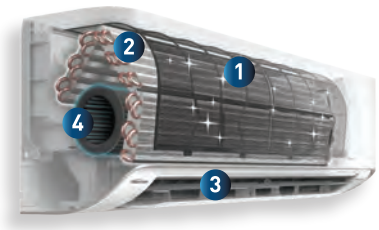
*1 nanoe X Generator Mark 2- •Testing Organisation: Japan Food Research Laboratories •Test Subject: Adhered bacteriophage Φx174 •Test Volume: Approx. 25 m³ laboratory (3.3×3.5×2.2m) •Test Result: Inhibited 99.8% in 8 hours •Report No: 13001265005-01. nanoe X Generator Mark 3- •Testing organisation: Shokukanken, Inc. •Test Subject: Adhered MS2 Phage Virus •Test Volume: Approx. 25m³ laboratory •Test Result: Inhibited 99.99% in 2 hours •Test Report No: 227131N

*2 •Testing Organisation: Texcell (France) •Test Subject: Adhered novel coronavirus (SARS-CoV-2) •Test Volume: Approx. 6.7m³ laboratory •Test Result: Inhibited 91.4% in 8 hours, 99.7% in 24 hours •Test Report No: 1140-01 C3

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. Actual effects will vary depending on the environment and usage of the product.

## Inside Cleaning On Demand

Newly improved inside cleaning on demand provides the convenience to activate this function on a need basis. Inside cleaning works inside of an indoor unit by removing moisture, and releases nanoe™ X to inhibit various pollutants. Improved cross flow fan with anti-dust coating prevents dust adherence.




1. Filter
2. Evaporator
3. Air Outlet
4. Cross Flow Fan

INSIDE CLEANING ON DEMAND

**By Remote Controller or Comfort Cloud App:**

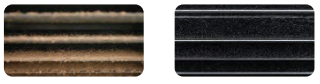
Turn off the AC and press the nanoe™ X button for more than 3 seconds to activate inside cleaning.

Turn off the AC and tap the 'Inside Clean' icon in Panasonic Comfort Cloud App to activate inside cleaning.

**Effectiveness of Inside Cleaning**

Filter, Evaporator, Air Outlet — Proven nanoe™ X inhibition on Mould*3, Bacteria*4, Viruses*4

Cross Flow Fan — Without coating: Adhered dust; Anti-Dust Cross Flow Fan: Maintain cleanliness



The amount of dust may change depending on the usage frequency and environment.

Notes: (1) Air filter routine maintenance is required to ensure optimal performance.
(2) Illustrations of app screens may differ from the actual screen appearance.

*3 •Test Organisation: Laboratory for mold prediction •Test Subject: Mould (Aspergillus penicillioides K-712) •Test Result: Mould germination and growth from spores are inhibited inside the indoor unit under the inside cleaning operation •Test Report No: 220207

*4 •Testing Organisation: Protectea,Ltd •Test Subject: Bacteria (Escherichia coli NBRC3301) and Virus (Escherichia coli NBRC320012) •Test Result: 99% inhibited (compared to non-operation) •Test Report No: PR190803 (Filter & Evaporator); PR191102 (Air Outlet)

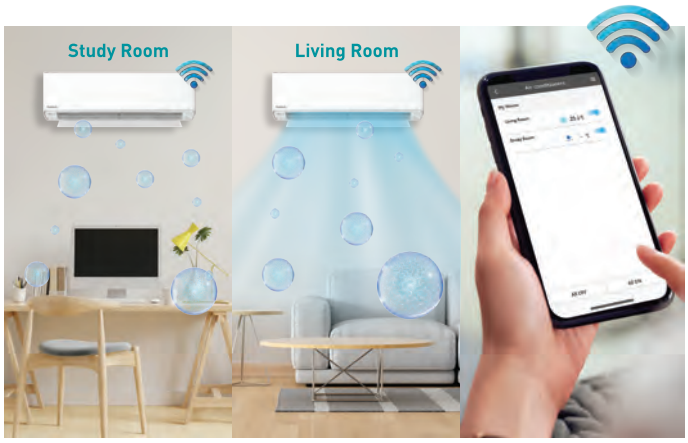
# Connect & Control Your AC Anywhere, Anytime with Comfort Cloud App

Control multiple air conditioners in one location or multiple locations when you are away from home.

Panasonic
Comfort Cloud App

Download on the App Store
GET IT ON Google Play

Scan to know more




## Benefits of Panasonic Comfort Cloud App

The application offers one-stop control for all your air conditioners to suit your needs and preferences.

### Monitor Energy Consumption

View the energy consumption of individual units by comparing the usage patterns daily, weekly, monthly, and yearly.

### Purify Your Home with nanoe™ X

Switch on nanoe™ X mode with cooling OFF/ON to enjoy a clean and fresh home with your loved ones.

### nanoe™ X Simulation

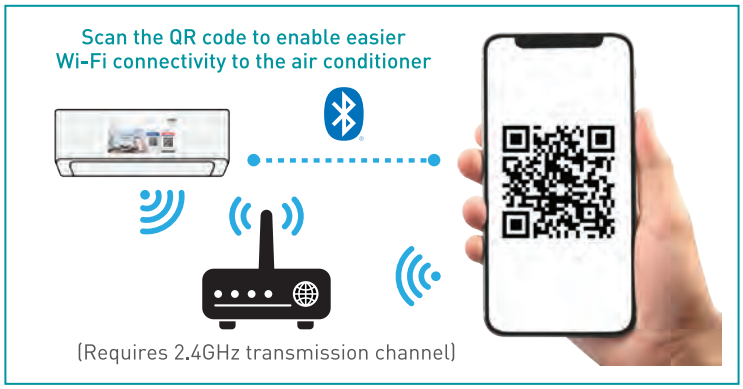
See the nanoe™ X coverage in your space through a simulation.

- Pre-Cool Your Space
- Weekly Timer
- Error Notifications
- Multi-Unit Control

## Secured & Easier Setup with Advanced Scan Connectivity**

The advanced built-in Wi-Fi setup enables easier and faster connection to Panasonic Comfort Cloud App by scanning the QR code.

BUILT-IN EASY CONNECT




**Complied with internal cybersecurity guidelines based on cybersecurity trends and the regulations of each country. The advanced built-in Wi-Fi setup applicable to AERO ELITE INVERTER, PREMIUM INVERTER and PREMIUM INVERTER HEAT PUMP model.

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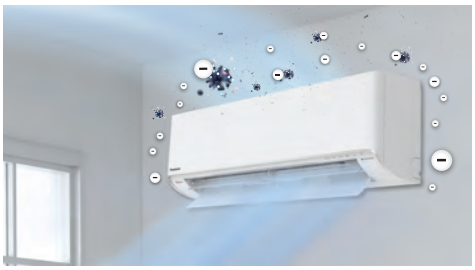
# Remove Dust Particles (PM2.5)

Effective in removing 99%*1 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.



nanoe-G

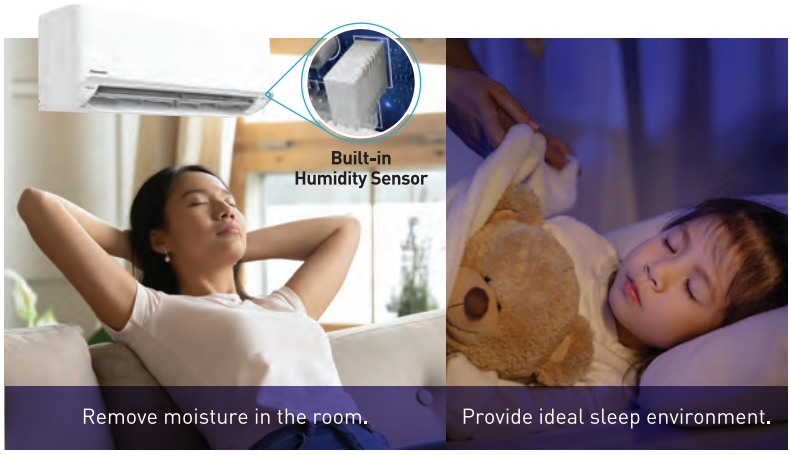
*1 •Testing Organisation: FCG Research Institute, Inc. •Test Subject: Cigarette smoke [as PM2.5] •Test Volume: 23m³ •Test Result: Removed by 99% [compared to the initial concentration] •Test Report No: 25034

# Humidity Control for Better Comfort

Air conditioner with Humidity Sensor allows you to control and adjust the relative humidity level to below 60% ~ 55% by turning on Dry Mode or iAUTO-X.

HUMIDITY SENSOR + DRY MODE

HUMIDITY SENSOR + iAUTO-X INTELLIGENT . DYNAMIC . COOL.




## Humidity Control with Humidity Sensor + Dry Mode

Dry Mode operates together with built-in Humidity Sensor, helping the air conditioner to receive accurate room humidity situation data to efficiently reduce and adjust the humidity level to below 55%, removing excess moisture in the room while preventing overcooling.

HUMIDITY SENSOR + DRY MODE

**Benefits of Panasonic Air Conditioner with Humidity Sensor + Dry Mode**

### When Do You Need It?

- High humidity but room temperature isn't hot
- Raining weather where there is damp smell in the room
- Living in an area with high humidity

**Comfort without Overcooling**
Constantly monitors and adjusts relative humidity to below 55%, and temperature to avoid overcooling.

**Reduces Dampness**
Air stays fresh with no damp smell in the room.

**Protects Household**
Prevents growth of mould by removing excess moisture from the air.

## Humidity Control with Humidity Sensor + iAUTO-X

Air conditioner with iAUTO-X and Humidity Sensor constantly monitors and adjusts relative humidity level to below 60% to ensure a balanced cooling sensation by reducing heat for an optimal cooling comfort.

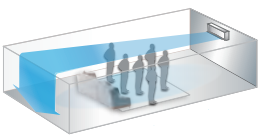
HUMIDITY SENSOR + iAUTO-X INTELLIGENT . DYNAMIC . COOL.

Air conditioner with iAUTO-X and Humidity Sensor controls relative humidity to below 60% for a restful sleep through the night.

**Built-in Humidity Sensor is available for AERO ELITE INVERTER, PREMIUM INVERTER and PREMIUM INVERTER HEAT PUMP model.



# Comfort Cooling with AEROWINGS and Big Flap



Stronger and longer airflow up to 15 meters.
AEROWINGS

Directs cool air across the room.
BIG FLAP

# Faster Cooling with iAUTO-X and POWERFUL Mode

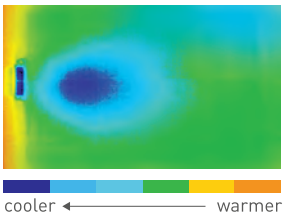
## iAUTO-X Operation

iAUTO-X provides stronger and faster cooling using Panasonic Thermal Enhancement Technology (P-TECh), enabling the compressor to achieve maximum frequency quickly from start-up.

iAUTO-X
INTELLIGENT . DYNAMIC . COOL.

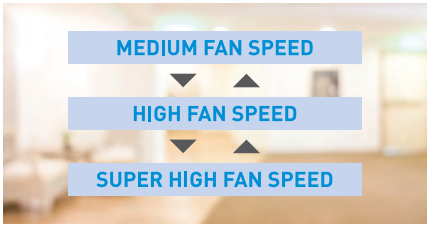
Scan to know more

iAUTO-X




Concentrated airflow cools instantly.
Room is evenly cooled.

### Uniqueness of iAUTO-X




**Automatic Fan Speed**
iAUTO-X automatically switches fan speed depending on the temperature difference between the room and the set temperature.

**Automatic Flap Control**
After reaching the set temperature, the flap moves upwards automatically to perform shower cooling.

**Reactivate iAUTO-X**
Second press on the iAUTO-X button reactivates faster cooling, even if the number of people in the room increases.

*Comparison of iAUTO-X Mode & normal COOL mode by using 1.5HP AERO ELITE INVERTER model.
**Applicable to AERO ELITE INVERTER, PREMIUM INVERTER and PREMIUM INVERTER HEAT PUMP model.

## POWERFUL Cooling

POWERFUL Mode cools your room faster by 18%* during start-up to bring you cooling comfort instantly on a hot day.

POWERFUL

Scan to know more

*Comparison of POWERFUL Cool Mode & normal cool mode by using 1.5HP Inverter Model. 18% faster cooling is applicable to STANDARD INVERTER with Wi-Fi, STANDARD INVERTER with nanoe™ X and STANDARD INVERTER HEAT PUMP model.

# Better Living with Energy-Saving and Eco-Friendly Technologies

Enjoy intelligent cooling with eco-friendly features for better savings and reduce energy consumption.

## Powerful Performance with Efficiency

R32 REFRIGERANT

Panasonic air conditioners are equipped with the environmentally friendly R32 refrigerant which efficiently carries heat, leading to greater energy and cost-effectiveness with lower environmental impact.

HIGHER COOLING CAPACITY

REDUCE ENERGY COST

ECO FRIENDLY

INVERTER

Panasonic Inverter technology controls the temperature precisely to provide consistent cooling comfort while saving energy.

Scan to know more

## Intelligently Balances Energy Savings and Comfort

Every room in the house has a different temperature and it varies throughout the day. ECO mode with A.I. learns and judges the optimal ECO level to provide a good balance between cooling comfort and energy savings.

Scan to know more

AI ECO

*1 Comparison of ECO Mode & normal mode by using 1.5HP INVERTER model.

## High Cooling Seasonal Performance Factor (CSPF)

Panasonic air conditioners have a high Cooling Seasonal Performance Factor - a more realistic energy efficiency measurement based on the customer's actual environment of use over an entire year.

CSPF

*2 Applicable to Panasonic Inverter models.

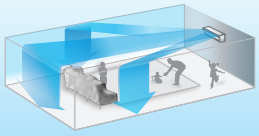
# ELITE INVERTER Single-Split Type

CS-VU9UKH-8 | CS-VU12UKH-8 | CS-VU18UKH-8

SKYWING

**Unique Top Flap Design**

for wider cooling coverage



Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Network Adaptor
CZ-TACG1
(Optional)

nanoeX Generator Mark1 | nanoe-G | Panasonic Comfort Cloud App (Optional Network Adaptor) | SKYWING | i Auto X INTELLIGENT. DYNAMIC. COOL. | INVERTER | XTRA QUIET 18dB (CS-VU9UKH-8)

| MODEL | INDOOR UNIT (50Hz) | | CS-VU9UKH-8 | CS-VU12UKH-8 | CS-VU18UKH-8 |
|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-VU9UKH-8 | CU-VU12UKH-8 | CU-VU18UKH-8 |
| Cooling Capacity | (min-max) | kW | 2.50 (0.84-3.60) | 3.40 (1.02-4.50) | 5.20 (1.10-5.80) |
| | (min-max) | Btu/h | 8,530 (2,860-12,300) | 11,600 (3,480-15,300) | 17,700 (3,750-19,800) |
| EER | (min-max) | Btu/hW | 17.41 (13.30-13.67) | 14.15 (14.20-12.75) | 12.21 (12.93-11.86) |
| | (min-max) | W/W | 5.10 (3.91-4.00) | 4.15 (4.16-3.75) | 3.59 (3.79-3.47) |
| CSPF | | W/W | 6.89 | 6.61 | 5.48 |
| Electrical Data | Voltage | V | 220 | 220 | 220 |
| | Current | A | 2.4 | 4.0 | 7.0 |
| | Power Input (min-max) | W | 490 (215-900) | 820 (245-1,200) | 1,450 (290-1,670) |
| Moisture Removal | | L/h | 1.5 | 2.0 | 2.9 |
| | | Pt/h | 3.2 | 4.2 | 6.1 |
| Air Circulation | Indoor | $m^3$/min ($ft^3$/min) | 11.5 (405) | 12.8 (450) | 14.8 (520) |
| | Outdoor | $m^3$/min ($ft^3$/min) | 31.3 (1,110) | 31.3 (1,110) | 34.9 (1,230) |
| Noise Level | Indoor (H / L / Q-Lo) | dB (A) | 42/26/18 | 43/28/19 | 46/36/33 |
| | Outdoor (H) | dB (A) | 47 | 48 | 49 |
| Dimensions Indoor (Outdoor) | Height | mm | 306 (542) | 306 (542) | 306 (619) |
| | | inch | 12-1/16 (21-11/32) | 12-1/16 (21-11/32) | 12-1/16 (24-3/8) |
| | Width | mm | 950 (780) | 950 (780) | 950 (824) |
| | | inch | 37-13/32 (30-23/32) | 37-13/32 (30-23/32) | 37-13/32 (32-15/32) |
| | Depth | mm | 280 (289) | 280 (289) | 280 (299) |
| | | inch | 11-1/32 (11-13/32) | 11-1/32 (11-13/32) | 11-1/32 (11-25/32) |
| Net Weight | Indoor | kg (lb) | 12 (26) | 12 (26) | 12 (26) |
| | Outdoor | kg (lb) | 30 (66) | 30 (66) | 33 (73) |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 |
| | | inch | 1/4 | 1/4 | 1/4 |
| | Gas Side | mm | ø 9.52 | ø 12.70 | ø 15.88 |
| | | inch | 3/8 | 1/2 | 5/8 |
| Pipe Extension | Chargeless Pipe Length | m | 7.5 | 7.5 | 10.0 |
| | Maximum Pipe Length | m | 20 | 20 | 30 |
| | Maximum Elevation Length | m | 15 | 15 | 20 |
| | Additional Refrigerant Gas* | g/m | 10 | 10 | 25 |
| Power Supply | | | Indoor | Indoor | Indoor |

*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-VU9UKH-8
CU-VU12UKH-8

CU-VU18UKH-8

CS-XU9ZKH-8 | CS-XU12ZKH-8

CS-XU18ZKH-8 | CS-XU24ZKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

nanoeX Generator Mark3 | INSIDE CLEANING ON DEMAND | nanoe-G | Panasonic Comfort Cloud App | HUMIDITY SENSOR + DRY MODE | HUMIDITY SENSOR + AUTO X INTELLIGENT . DYNAMIC . COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | CS-XU9ZKH-8 | CS-XU12ZKH-8 | CS-XU18ZKH-8 | CS-XU24ZKH-8 |
|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-XU9ZKH-8 | CU-XU12ZKH-8 | CU-XU18ZKH-8 | CU-XU24ZKH-8 |
| Cooling Capacity | (min-max) | kW | 2.55 (0.92-3.60) | 3.50 (1.02-4.20) | 5.30 (1.10-6.21) | 6.10 (1.12-7.18) |
| | (min-max) | Btu/h | 8,700 (3,140-12,300) | 11,900 (3,480-14,300) | 18,100 (3,750-21,200) | 20,800 (3,820-24,500) |
| EER | (min-max) | Btu/hW | 13.38 (13.96-11.28) | 12.53 (13.92-11.44) | 13.71 (13.89-12.47) | 13.00 (15.28-11.95) |
| | (min-max) | W/W | 3.92 (4.09-3.30) | 3.68 (4.08-3.36) | 4.02 (4.07-3.65) | 3.81 (4.48-3.50) |
| CSPF | | W/W | 6.16 | 6.32 | 7.11 | 6.90 |
| Electrical Data | Voltage | V | 220 | 220 | 220 | 220 |
| | Current | A | 3.2 | 4.4 | 6.2 | 7.4 |
| | Power Input (min-max) | W | 650 (225-1,090) | 950 (250-1,250) | 1,320 (270-1,700) | 1,600 (250-2,050) |
| Moisture Removal | | L/h | 1.6 | 2.0 | 2.9 | 3.4 |
| | | Pt/h | 3.4 | 4.2 | 6.1 | 7.2 |
| Air Circulation | Indoor | $m^3$/min ($ft^3$/min) | 11.7 (415) | 12.5 (440) | 18.7 (660) | 19.2 (680) |
| | Outdoor | $m^3$/min ($ft^3$/min) | 26.5 (940) | 30.9 (1,090) | 34.9 (1,230) | 46.3 (1,635) |
| Noise Level | Indoor (H / L / Q-Lo) | dB (A) | 38/26/19 | 40/28/19 | 44/32/27 | 45/34/28 |
| | Outdoor (H) | dB (A) | 47 | 48 | 50 | 51 |
| Dimensions Indoor (Outdoor) | Height | mm | 295 (511) | 295 (542) | 295 (619) | 295 (695) |
| | | inch | 11-5/8 (20-1/8) | 11-5/8 (21-11/32) | 11-5/8 (24-3/8) | 11-5/8 (27-3/8) |
| | Width | mm | 870 (650) | 870 (780) | 1,040 (824) | 1,040 (875) |
| | | inch | 34-9/32 (25-19/32) | 34-9/32 (30-23/32) | 40-31/32 (32-15/32) | 40-31/32 (34-15/32) |
| | Depth | mm | 229 (230) | 229 (289) | 244 (299) | 244 (320) |
| | | inch | 9-1/32 (9-1/16) | 9-1/32 (11-13/32) | 9-5/8 (11-25/32) | 9-5/8 (12-5/8) |
| Net Weight | Indoor | kg (lb) | 10 (22) | 10 (22) | 12 (26) | 12 (26) |
| | Outdoor | kg (lb) | 18 (40) | 22 (49) | 31 (68) | 38 (84) |
| 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.

## OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

CU-XU9ZKH-8

CU-XU12ZKH-8

CU-XU18ZKH-8

CU-XU24ZKH-8

# PREMIUM INVERTER Single-Split Type

CS-U9ZKH-8 | CS-U12ZKH-8

CS-U18ZKH-8 | CS-U24ZKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

nanoeX Generator Mark2 | INSIDE CLEANING ON DEMAND | nanoe-G | Panasonic Comfort Cloud App | HUMIDITY SENSOR + DRY MODE | HUMIDITY SENSOR + AUTO X INTELLIGENT . DYNAMIC . COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | | CS-U9ZKH-8 | CS-U12ZKH-8 | CS-U18ZKH-8 | CS-U24ZKH-8 |
|---|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | | CU-U9ZKH-8 | CU-U12ZKH-8 | CU-U18ZKH-8 | CU-U24ZKH-8 |
| Cooling Capacity | (min-max) | | kW | 2.55 (0.92-3.60) | 3.50 (1.02-4.20) | 5.30 (1.10-6.21) | 6.10 (1.12-7.18) |
| | (min-max) | | Btu/h | 8,700 (3,140-12,300) | 11,900 (3,480-14,300) | 18,100 (3,750-21,200) | 20,800 (3,820-24,500) |
| EER | (min-max) | | Btu/hW | 13.38 (13.96-11.28) | 12.53 (13.92-11.44) | 13.71 (13.89-12.47) | 13.00 (15.28-11.95) |
| | (min-max) | | W/W | 3.92 (4.09-3.30) | 3.68 (4.08-3.36) | 4.02 (4.07-3.65) | 3.81 (4.48-3.50) |
| CSPF | | | W/W | 6.14 | 6.30 | 7.10 | 6.89 |
| Electrical Data | Voltage | | V | 220 | 220 | 220 | 220 |
| | Current | | A | 3.2 | 4.4 | 6.2 | 7.4 |
| | Power Input (min-max) | | W | 650 (225-1,090) | 950 (250-1,250) | 1,320 (270-1,700) | 1,600 (250-2,050) |
| Moisture Removal | | | L/h | 1.6 | 2.0 | 2.9 | 3.4 |
| | | | Pt/h | 3.4 | 4.2 | 6.1 | 7.2 |
| Air Circulation | Indoor | | $m^3$/min ($ft^3$/min) | 11.7 (415) | 12.5 (440) | 18.7 (660) | 19.2 (680) |
| | Outdoor | | $m^3$/min ($ft^3$/min) | 26.5 (940) | 30.9 (1,090) | 34.9 (1,230) | 46.3 (1,635) |
| Noise Level | Indoor (H / L / Q-Lo) | | dB (A) | 38/26/19 | 40/28/19 | 44/32/27 | 45/34/28 |
| | Outdoor (H) | | dB (A) | 47 | 48 | 50 | 51 |
| Dimensions Indoor (Outdoor) | Height | | mm | 295 (511) | 295 (542) | 295 (619) | 295 (695) |
| | | | inch | 11-5/8 (20-1/8) | 11-5/8 (21-11/32) | 11-5/8 (24-3/8) | 11-5/8 (27-3/8) |
| | Width | | mm | 870 (650) | 870 (780) | 1,040 (824) | 1,040 (875) |
| | | | inch | 34-9/32 (25-19/32) | 34-9/32 (30-23/32) | 40-31/32 (32-15/32) | 40-31/32 (34-15/32) |
| | Depth | | mm | 229 (230) | 229 (289) | 244 (299) | 244 (320) |
| | | | inch | 9-1/32 (9-1/16) | 9-1/32 (11-13/32) | 9-5/8 (11-25/32) | 9-5/8 (12-5/8) |
| Net Weight | Indoor | | kg (lb) | 10 (22) | 10 (22) | 12 (26) | 12 (26) |
| | Outdoor | | kg (lb) | 18 (40) | 22 (49) | 31 (68) | 38 (84) |
| 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.

## OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

CU-U9ZKH-8

CU-U12ZKH-8

CU-U18ZKH-8

CU-U24ZKH-8

CS-XPU9XKH-8 | CS-XPU12XKH-8 | CS-XPU18XKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Network Adaptor
CZ-TACG1
(Optional)

CS-XPU18XKH-8B | CS-XPU24XKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Network Adaptor
CZ-TACG1
(Optional)

nanoeX Generator Mark1 | nanoe-G | Panasonic Comfort Cloud App (Optional Network Adaptor) | BIG FLAP (CS-XPU9/12/18XKH-8) | AEROWINGS (CS-XPU18XKH-8B/ CS-XPU24XKH-8) | POWERFUL | AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | CS-XPU9XKH-8 | CS-XPU12XKH-8 | CS-XPU18XKH-8 | CS-XPU18XKH-8B | CS-XPU24XKH-8 |
|---|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-XPU9XKH-8 | CU-XPU12XKH-8 | CU-XPU18XKH-8 | CU-XPU18XKH-8B | CU-XPU24XKH-8 |
| Cooling Capacity | (min-max) | kW | 2.65 (0.84-2.90) | 3.50 (1.02-4.00) | 5.00 (1.10-5.40) | 5.15 (1.10-5.80) | 6.10 (1.12-7.18) |
| | (min-max) | Btu/h | 9,040 (2,860-9,890) | 11,900 (3,480-13,600) | 17,100 (3,750-18,400) | 17,600 (3,750-19,800) | 20,800 (3,820-24,500) |
| EER | (min-max) | Btu/hW | 11.30 (12.71-10.99) | 11.12 (12.65-11.06) | 10.30 (12.93-10.22) | 11.35 (12.93-11.25) | 12.61 (15.28-11.95) |
| | (min-max) | W/W | 3.31 (3.73-3.22) | 3.27 (3.71-3.25) | 3.01 (3.79-3.00) | 3.32 (3.79-3.30) | 3.70 (4.48-3.50) |
| CSPF | | W/W | 4.81 | 5.07 | 5.09 | 5.96 | 6.24 |
| Electrical Data | Voltage | V | 220 | 220 | 220 | 220 | 220 |
| | Current | A | 3.9 | 5.0 | 7.7 | 7.1 | 7.7 |
| | Power Input (min-max) | W | 800 (225-900) | 1,070 (275-1,230) | 1,660 (290-1,800) | 1,550 (290-1,760) | 1,650 (250-2,050) |
| Moisture Removal | | L/h | 1.6 | 2.0 | 2.8 | 2.9 | 3.4 |
| | | Pt/h | 3.4 | 4.2 | 5.9 | 6.1 | 7.2 |
| Air Circulation | Indoor | $m^3$/min ($ft^3$/min) | 10.3 (365) | 11.0 (390) | 12.6 (445) | 18.7 (660) | 19.2 (680) |
| | Outdoor | $m^3$/min ($ft^3$/min) | 26.7 (940) | 30.2 (1,065) | 39.3 (1,390) | 39.3 (1,385) | 34.9 (1,230) |
| Noise Level | Indoor (H / L / Q-Lo) | dB (A) | 36/26/21 | 37/28/21 | 44/34/28 | 44/32/28 | 45/34/29 |
| | Outdoor (H) | dB (A) | 47 | 48 | 51 | 50 | 51 |
| Dimensions Indoor (Outdoor) | Height | mm | 290 (511) | 290 (542) | 290 (619) | 295 (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) | 11-5/8 (24-3/8) |
| | Width | mm | 779 (650) | 779 (780) | 779 (824) | 1,040 (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) | 40-31/32 (32-15/32) |
| | Depth | mm | 209 (230) | 209 (289) | 209 (299) | 244 (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) | 9-5/8 (11-25/32) |
| Net Weight | Indoor | kg (lb) | 8 (18) | 8 (18) | 9 (20) | 12 (26) | 12 (26) |
| | Outdoor | kg (lb) | 18 (40) | 23 (51) | 29 (64) | 29 (64) | 32 (71) |
| 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 12.70 |
| | | inch | 3/8 | 3/8 | 1/2 | 1/2 | 1/2 |
| 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 | 15 |
| Power Supply | | | Indoor | Indoor | Indoor | Indoor | Indoor |

*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

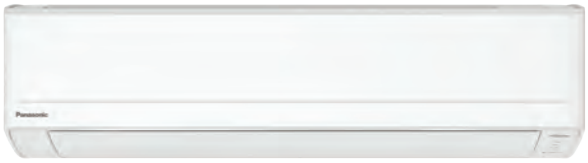
CU-XPU9XKH-8

CU-XPU12XKH-8

CU-XPU18XKH-8
CU-XPU18XKH-8B
CU-XPU24XKH-8

# STANDARD INVERTER WITH Wi-Fi — Single-Split Type

CS-WPU9ZKH-8 | CS-WPU12ZKH-8 | CS-WPU18XKH-8



CS-WPU24XKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN

nanoe-G

Panasonic Comfort Cloud App

BIG FLAP
(CS-WPU9/12ZKH-8/
CS-WPU18XKH-8)

AEROWINGS
(CS-WPU24XKH-8)

POWERFUL

AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | CS-WPU9ZKH-8 | CS-WPU12ZKH-8 | CS-WPU18XKH-8 | CS-WPU24XKH-8 |
|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-WPU9ZKH-8 | CU-WPU12ZKH-8 | CU-WPU18XKH-8 | CU-WPU24XKH-8 |
| Cooling Capacity | (min-max) | kW | 2.65 (0.84-2.90) | 3.50 (1.02-4.00) | 5.00 (1.10-5.40) | 6.10 (1.12-7.18) |
| | (min-max) | Btu/h | 9,040 (2,860-9,890) | 11,900 (3,480-13,600) | 17,100 (3,750-18,400) | 20,800 (3,820-24,500) |
| EER | (min-max) | Btu/hW | 11.30 (12.71-10.99) | 11.12 (12.65-11.06) | 10.30 (12.93-10.22) | 12.61 (15.28-11.95) |
| | (min-max) | W/W | 3.31 (3.73-3.22) | 3.27 (3.71-3.25) | 3.01 (3.79-3.00) | 3.70 (4.48-3.50) |
| CSPF | | W/W | 4.84 | 5.05 | 5.09 | 6.22 |
| Electrical Data | Voltage | V | 220 | 220 | 220 | 220 |
| | Current | A | 3.9 | 5.3 | 7.7 | 7.7 |
| | Power Input (min-max) | W | 800 (225-900) | 1,070 (275-1,230) | 1,660 (290-1,800) | 1,650 (250-2,050) |
| Moisture Removal | | L/h | 1.6 | 2.0 | 2.8 | 3.4 |
| | | Pt/h | 3.4 | 4.2 | 5.9 | 7.2 |
| Air Circulation | Indoor | $m^3$/min ($ft^3$/min) | 10.3 (365) | 11.0 (390) | 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) | 36/26/21 | 37/28/21 | 44/34/28 | 45/34/29 |
| | Outdoor (H) | dB (A) | 47 | 48 | 51 | 51 |
| 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) | 18 (40) | 22 (49) | 29 (64) | 32 (71) |
| 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.

## OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

CU-WPU9ZKH-8

CU-WPU12ZKH-8

CU-WPU18XKH-8
CU-WPU24XKH-8

CS-N9ZKH-8 | CS-N12ZKH-8

Wireless
(Standard)

CS-N18ZKH-8 | CS-N24ZKH-8

Wireless
(Standard)

nanoe-G | BIG FLAP | POWERFUL

| MODEL | INDOOR UNIT (50Hz) | | CS-N9ZKH-8 | CS-N12ZKH-8 | CS-N18ZKH-8 | CS-N24ZKH-8 |
|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-N9ZKH-8 | CU-N12ZKH-8 | CU-N18ZKH-8 | CU-N24ZKH-8 |
| Cooling Capacity | | kW | 2.65 | 3.42 | 5.28 | 6.60 |
| | | Btu/h | 9,040 | 11,700 | 18,000 | 22,500 |
| EER | | Btu/hW | 11.89 | 12.06 | 11.25 | 10.82 |
| | | W/W | 3.49 | 3.53 | 3.30 | 3.17 |
| CSPF | | W/W | 3.45 | 3.49 | 3.47 | 3.30 |
| Electrical Data | Voltage | V | 220 | 220 | 220 | 220 |
| | Current | A | 3.6 | 4.7 | 7.4 | 9.6 |
| | Power Input | W | 760 | 970 | 1,600 | 2,080 |
| Moisture Removal | | L/h | 1.6 | 2.0 | 2.9 | 3.7 |
| | | Pt/h | 3.4 | 4.2 | 6.1 | 7.8 |
| Air Circulation | Indoor | $m^3$/min ($ft^3$/min) | 10.4 (370) | 11.5 (410) | 19.3 (680) | 21.5 (760) |
| | Outdoor | $m^3$/min ($ft^3$/min) | 27.3 (960) | 29.4 (1,040) | 39.3 (1,390) | 40.3 (1,420) |
| Noise Level | Indoor (H / L) | dB (A) | 37/26 | 41/29 | 44/36 | 48/40 |
| | Outdoor (H) | dB (A) | 47 | 49 | 52 | 54 |
| Dimensions Indoor (Outdoor) | Height | mm | 290 (490) | 290 (490) | 302 (619) | 302 (619) |
| | | inch | 11-7/16 (19-9/32) | 11-7/16 (19-9/32) | 11-29/32 (24-3/8) | 11-29/32 (24-3/8) |
| | Width | mm | 779 (650) | 779 (650) | 1,102 (824) | 1,102 (824) |
| | | inch | 30-11/16 (25-19/32) | 30-11/16 (25-19/32) | 43-13/32 (32-15/32) | 43-13/32 (32-15/32) |
| | Depth | mm | 209 (230) | 209 (230) | 244 (299) | 244 (299) |
| | | inch | 8-1/4 (9-1/16) | 8-1/4 (9-1/16) | 9-5/8 (11-25/32) | 9-5/8 (11-25/32) |
| Net Weight | Indoor | kg (lb) | 8 (18) | 8 (18) | 12 (26) | 12 (26) |
| | Outdoor | kg (lb) | 21 (46) | 24 (53) | 36 (79) | 42 (93) |
| 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 12.70 | ø 12.70 | ø 15.88 |
| | | inch | 3/8 | 1/2 | 1/2 | 5/8 |
| Pipe Extension | Chargeless Pipe Length | m | 7.5 | 7.5 | 7.5 | 7.5 |
| | Maximum Pipe Length | m | 20 | 20 | 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 |

*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

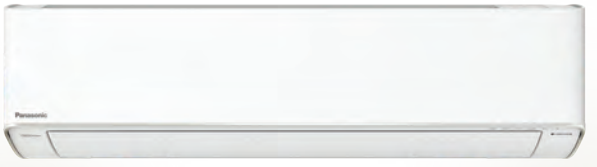
R32 REFRIGERANT

CU-N9ZKH-8
CU-N12ZKH-8

CU-N18ZKH-8
CU-N24ZKH-8

# PREMIUM INVERTER HEAT PUMP Single-Split Type

CS-XZ9ZKH-8 | CS-XZ12ZKH-8



CS-XZ18ZKH-8 | CS-XZ24ZKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

BUILT-IN EASY CONNECT

nanoeX Generator Mark3 | INSIDE CLEANING ON DEMAND | nanoe-G | Panasonic Comfort Cloud App | HUMIDITY SENSOR + DRY MODE | HUMIDITY SENSOR + Auto X INTELLIGENT . DYNAMIC . COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | CS-XZ9ZKH-8 | CS-XZ12ZKH-8 | CS-XZ18ZKH-8 | CS-XZ24ZKH-8 |
|---|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-XZ9ZKH-8 | CU-XZ12ZKH-8 | CU-XZ18ZKH-8 | CU-XZ24ZKH-8 |
| Cooling / Heating Capacity | (min-max) | kW | 2.50 (1.00-3.70)<br>3.20 (1.00-5.30) | 3.50 (1.00-4.20)<br>3.70 (1.00-5.80) | 5.00 (1.10-6.70)<br>6.00 (1.10-8.00) | 7.10 (1.40-8.90)<br>8.00 (1.40-10.00) |
| | (min-max) | Btu/h | 8,530 (3,410-12,600)<br>10,900 (3,410-18,100) | 11,900 (3,410-14,300)<br>12,600 (3,410-19,800) | 17,100 (3,750-22,800)<br>20,500 (3,750-27,300) | 24,200 (4,770-30,300)<br>27,300 (4,770-34,100) |
| EER / COP | (min-max) | Btu/hW | 17.41 (17.49-12.60)<br>16.77 (17.49-12.48) | 14.69 (17.49-11.92)<br>16.36 (17.49-12.77) | 15.13 (16.30-11.40)<br>15.41 (17.05-11.62) | 10.61 (11.09-9.04)<br>11.67 (11.93-10.33) |
| | (min-max) | W/W | 5.10 (5.13-3.70)<br>4.92 (5.13-3.66) | 4.32 (5.13-3.50)<br>4.81 (5.13-3.74) | 4.42 (4.78-3.35)<br>4.51 (5.00-3.40) | 3.11 (3.26-2.66)<br>3.42 (3.50-3.03) |
| CSPF | | W/W | 7.64 | 7.25 | 7.15 | 5.47 |
| Electrical Data | Voltage | V | 220 | 220 | 220 | 220 |
| | Current | A | 2.4 / 3.1 | 4.0 / 3.8 | 5.4 / 6.3 | 10.7 / 11.0 |
| | Power Input (min-max) | W | 490 (195-1,000)<br>650 (195-1,450) | 810 (195-1,200)<br>770 (195-1,550) | 1,130 (230-2,000)<br>1,330 (220-2,350) | 2,280 (430-3,350)<br>2,340 (400-3,300) |
| Moisture Removal | | L/h | 1.5 | 2.0 | 2.8 | 4.1 |
| | | Pt/h | 3.2 | 4.2 | 5.9 | 8.7 |
| Air Circulation | Indoor (H) | $m^3$/min ($ft^3$/min) | 11.6 (410) / 11.6 (410) | 13.0 (460) / 13.0 (460) | 18.7 (660) / 18.7 (660) | 20.8 (735) / 20.8 (735) |
| Noise Level | Indoor (H / L / Q-Lo) | dB (A) | 40/25/19 / 40/28/23 | 42/28/19 / 42/33/30 | 45/35/28 / 45/33/28 | 47/37/30 / 47/37/30 |
| | Outdoor (H) | dB (A) | 47 / 48 | 48 / 50 | 48 / 50 | 53 / 53 |
| Dimensions Indoor (Outdoor) | Height | mm | 295 (542) | 295 (542) | 295 (695) | 295 (695) |
| | | inch | 11-5/8 (21-11/32) | 11-5/8 (21-11/32) | 11-5/8 (27-3/8) | 11-5/8 (27-3/8) |
| | Width | mm | 870 (780) | 870 (780) | 1,040 (875) | 1,040 (875) |
| | | inch | 34-9/32 (30-23/32) | 34-9/32 (30-23/32) | 40-31/32 (34-15/32) | 40-31/32 (34-15/32) |
| | Depth | mm | 229 (289) | 229 (289) | 244 (320) | 244 (320) |
| | | inch | 9-1/32 (11-13/32) | 9-1/32 (11-13/32) | 9-5/8 (12-5/8) | 9-5/8 (12-5/8) |
| Net Weight | Indoor | kg (lb) | 10 (22) | 10 (22) | 12 (26) | 14 (31) |
| | Outdoor | kg (lb) | 30 (66) | 30 (66) | 41 (90) | 44 (97) |
| 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 15.88 |
| | | inch | 3/8 | 3/8 | 1/2 | 5/8 |
| Pipe Extension | Chargeless Pipe Length | m | 7.5 | 7.5 | 7.5 | 10.0 |
| | Maximum Pipe Length | m | 20 | 20 | 30 | 30 |
| | Maximum Elevation Length | m | 15 | 15 | 15 | 20 |
| | Additional Refrigerant Gas* | g/m | 10 | 10 | 15 | 25 |
| 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.

## OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

CU-XZ9ZKH-8
CU-XZ12ZKH-8

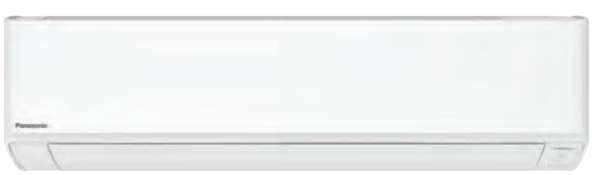
CU-XZ18ZKH-8
CU-XZ24ZKH-8

CS-YZ9WKH-8 | CS-YZ12WKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Network Adaptor
CZ-TACG1
(Optional)



CS-YZ18XKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Network Adaptor
CZ-TACG1
(Optional)

nanoe-G | Panasonic Comfort Cloud App (Optional Network Adaptor) | BIG FLAP (CS-YZ9/12WKH-8) | AEROWINGS (CS-YZ18XKH-8) | POWERFUL | AI ECO INVERTER

| MODEL | INDOOR UNIT (50Hz) | | CS-YZ9WKH-8 | CS-YZ12WKH-8 | CS-YZ18XKH-8 |
|---|---|---|---|---|---|
| | OUTDOOR UNIT | | CU-YZ9WKH-8 | CU-YZ12WKH-8 | CU-YZ18XKH-8 |
| Cooling / Heating Capacity | (min-max) | kW | 2.65 (0.84-3.00)<br>3.15 (0.84-3.50) | 3.50 (0.92-3.80)<br>3.84 (0.92-4.10) | 5.20 (1.20-6.00)<br>5.40 (1.20-7.70) |
| | (min-max) | Btu/h | 9,040 (2,860-10,200)<br>10,700 (2,860-11,900) | 11,900 (3,140-13,000)<br>13,100 (3,140-14,000) | 17,700 (4,090-20,500)<br>18,400 (4,090-26,300) |
| EER / COP | (min-max) | Btu/hW | 12.91 (13.00-10.20)<br>14.08 (14.30-12.02) | 11.02 (11.21-10.40)<br>12.24 (12.56-11.57) | 12.46 (17.04-11.71)<br>13.63 (18.59-12.23) |
| | (min-max) | W/W | 3.79 (3.82-3.00)<br>4.14 (4.20-3.54) | 3.24 (3.29-3.04)<br>3.59 (3.68-3.39) | 3.66 (5.00-3.43)<br>4.00 (5.45-3.58) |
| CSPF | | W/W | 6.43 | 5.17 | 6.83 |
| Electrical Data | Voltage | V | 220 | 220 | 220 |
| | Current | A | 3.4 / 3.5 | 5.0 / 5.0 | 6.7 / 6.2 |
| | Power Input (min-max) | W | 700 (220-1,000)<br>760 (200-990) | 1,080 (280-1,250)<br>1,070 (250-1,210) | 1,420 (240-1,750)<br>1,350 (220-2,150) |
| Moisture Removal | | L/h | 1.6 | 2.0 | 2.9 |
| | | Pt/h | 3.4 | 4.2 | 6.1 |
| Air Circulation | Indoor (H) | $m^3$/min ($ft^3$/min) | 11.9 (420) / 11.9 (420) | 12.4 (440) / 12.4 (440) | 18.7 (660) / 18.7 (660) |
| Noise Level | Indoor (H / L / Q-Lo) | dB (A) | 41/26/22 / 41/28/25 | 42/30/25 / 42/33/30 | 44/37/28 / 44/37/32 |
| | Outdoor (H) | dB (A) | 50 / 50 | 50 / 50 | 50 / 50 |
| Dimensions Indoor (Outdoor) | Height | mm | 290 (542) | 295 (542) | 295 (619) |
| | | inch | 11-7/16 (21-11/32) | 11-7/16 (21-11/32) | 11-5/8 (24-3/8) |
| | Width | mm | 779 (780) | 779 (780) | 1,040 (824) |
| | | inch | 30-11/16 (30-23/32) | 30-11/16 (30-23/32) | 40-31/32 (32-15/32) |
| | Depth | mm | 209 (289) | 209 (289) | 244 (299) |
| | | inch | 8-1/4 (11-13/32) | 8-1/4 (11-13/32) | 9-5/8 (11-25/32) |
| Net Weight | Indoor | kg (lb) | 8 (18) | 8 (18) | 12 (26) |
| | Outdoor | kg (lb) | 25 (55) | 25 (55) | 34 (75) |
| Refrigerant Pipe Diameter | Liquid Side | mm | ø 6.35 | ø 6.35 | ø 6.35 |
| | | inch | 1/4 | 1/4 | 1/4 |
| | Gas Side | mm | ø 9.52 | ø 9.52 | ø 12.70 |
| | | inch | 3/8 | 3/8 | 1/2 |
| Pipe Extension | Chargeless Pipe Length | m | 7.5 | 7.5 | 7.5 |
| | Maximum Pipe Length | m | 15 | 15 | 30 |
| | Maximum Elevation Length | m | 15 | 15 | 15 |
| | Additional Refrigerant Gas* | g/m | 10 | 10 | 15 |
| Power Supply | | | Indoor | Indoor | Indoor |

*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-YZ9WKH-8
CU-YZ12WKH-8

CU-YZ18XKH-8

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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**hoặc (024) 3767 7360**

**Từ 8h15 - 17h30 Thứ 2 đến Chủ Nhật**

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