# Panasonic

## RESIDENTIAL AIR CONDITIONERS
### (FOR WS/ACS/KKE)  2024/2025

24-hour
nanoeX
Protection

AERO ELITE INVERTER          PREMIUM INVERTER

nanoeX Generator Mark3

INSIDE CLEANING

Panasonic Comfort Cloud App

BUILT-IN EASY CONNECT

HUMIDITY SENSOR + DRY MODE

## QUALITY AIR FOR LIFE

## PRODUCT LINE-UP

## FEATURES EXPLANATION

| Series | HP Range | Features |
|---|---|---|
| **VU** — ELITE *INVERTER* | 1.0HP – 2.0HP | nanoeX Generator Mark1 · nanoe-G · SKYWING · iAUTO-X INTELLIGENT. DYNAMIC. COOL. · XTRA QUIET 18dB (CS-VU9UKH-8) |
| **XU** — AERO ELITE *INVERTER* | 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* | 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 |
| **RU** — STANDARD *INVERTER* with nanoe™ X [NEW] | 1.0HP – 2.5HP | nanoeX Generator Mark2 · INSIDE CLEANING ON DEMAND · BUILT-IN EASY CONNECT · Comfort Cloud App · AEROWINGS (CS-RU18AKH-8B/CS-RU24AKH-8) · BIG FLAP (CS-RU9/12/18AKH-8) · nanoe-G · POWERFUL · AI ECO |
| **N** — STANDARD NON-INVERTER | 1.0HP – 2.5HP | nanoe-G · BIG FLAP · POWERFUL |
| **XZ** — AERO ELITE *INVERTER* HEAT PUMP | 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 [NEW] | 1.0HP – 2.0HP | nanoe-G · BUILT-IN EASY CONNECT · Comfort Cloud App · BIG FLAP (CS-YZ9/12AKH-8) · AEROWINGS (CS-YZ18AKH-8) · POWERFUL · AI ECO |

### Cleaner Air

**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.

### Convenience

**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 savings.

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

**24-hour nanoe X Protection**

**nanoe X**
## Clean 'n Care Function

INSIDE CLEANING ON DEMAND

Panasonic

BUILT-IN EASY CONNECT

Scan to know more

**Cleans the air when you are at home.**

**Cleans the inside of the air conditioner.**

**Cleans the air when you are away.**
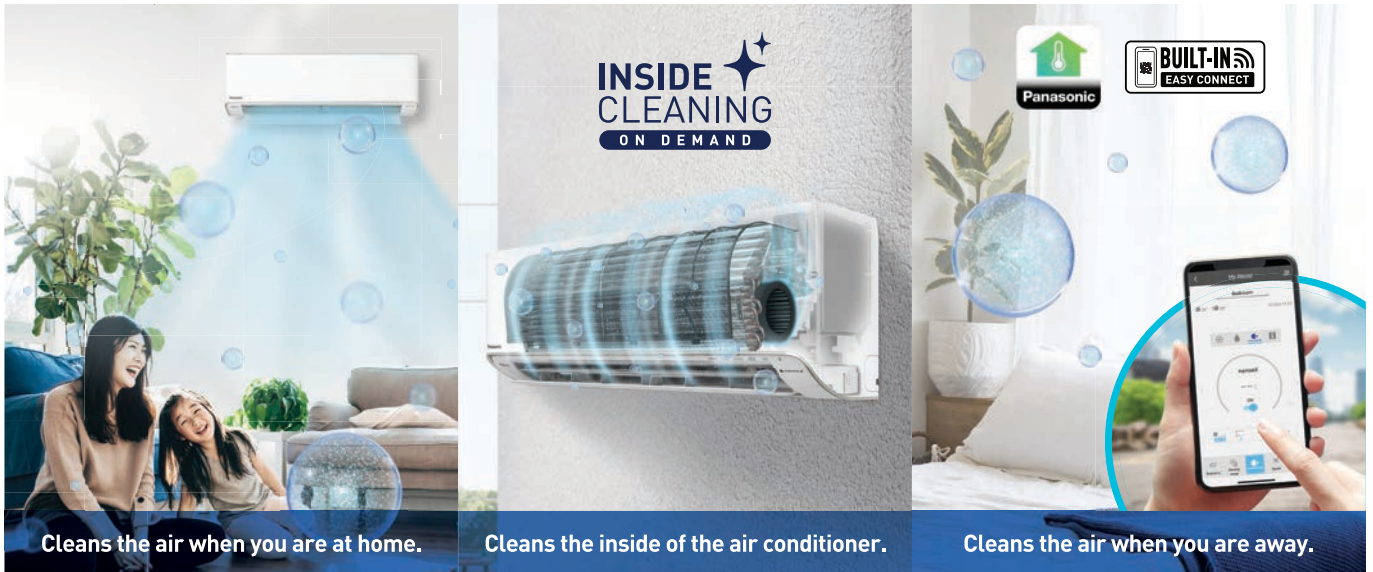
## High Efficiency of nanoe X Generator Mark 3

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 deodorisation vs nanoe X Generator Mark 2

Require time to reduce odour in 1.7 levels[1]

| Conventional Device | nanoe X Generator Mark2 |
| Latest Device | nanoe X Generator Mark3 |

0  15  30  45  60 [mins]

**4X faster**

### 7 Effects of nanoe™ X

**Inhibits 5 Types of Pollutants**

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

**Deodorises** — Odours

**Moisturises** — Skin & Hair

nanoe™ X effectively deodorises and inhibits pollutants **in air and on surfaces**[2]

[1] nanoe X Generator Mark 2 -: •Testing organisation: Panasonic Product Analysis Center •Test subject: Adhered nonenal (Body odour) •Test volume: Approx. 23m³ laboratory •Test result: Odour intensity reduced by 1.7 levels in 60 minutes
•Report No.: Y18HM059 (Difference in odour intensity from the blank is greater than 1.7 and the time until odour intensity is less than 2.6)
nanoe X Generator Mark 3 -: •Testing organisation: Panasonic Product Analysis Center •Test subject: Adhered nonenal (Body odour) •Test volume: Approx. 23m³ laboratory •Test result: Odour intensity reduced by 1.9 level in 15 minutes
•Report No.: H21HM005-1
[2] For more details on nanoe™ X test report, you can visit https://www.panasonic.com/vn/nanoe/all/verification/evidence.html

## 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.

INSIDE CLEANING ON DEMAND

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

3secs

Inside Clean

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

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. Anti-dust cross flow fan is available for ELITE INVERTER, AERO ELITE INVERTER and AERO ELITE INVERTER HEAT PUMP.

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 mould 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  •nanoe™ X effectiveness on mould inhibition is applicable to AERO ELITE INVERTER and AERO ELITE INVERTER HEAT PUMP only.
[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)
*Inside Cleaning On Demand function is applicable to AERO ELITE INVERTER, PREMIUM INVERTER, STANDARD INVERTER with nanoe™ X and AERO ELITE INVERTER HEAT PUMP.

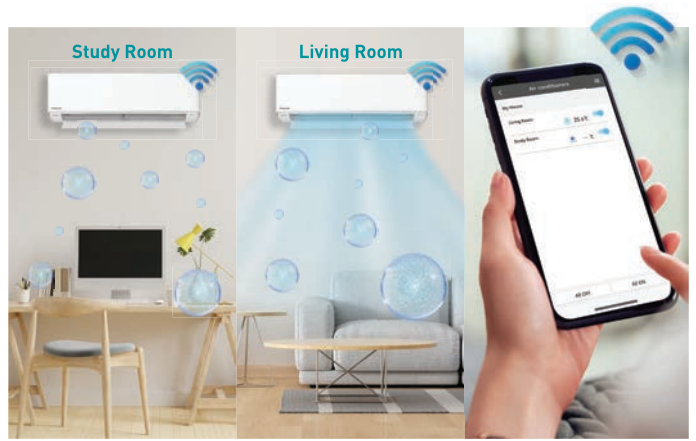# Connect & Control Your AC Anywhere, Anytime with Comfort Cloud App

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

**Study Room**   **Living Room**

Download on the **App Store**

GET IT ON **Google Play**

Panasonic
**Comfort Cloud App**

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**

Scan the QR code to enable easier Wi-Fi connectivity to the air conditioner

(Requires 2.4GHz frequency band)

**Complied with internal cybersecurity guidelines based on cybersecurity trends and the regulations of each country. The advanced built-in Wi-Fi setup is applicable to AERO ELITE INVERTER, PREMIUM INVERTER, STANDARD INVERTER with nanoe™ X, AERO ELITE INVERTER HEAT PUMP and STANDARD INVERTER HEAT PUMP model.
Note: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic is under license. Other trademarks and trade names are those of their respective owners.
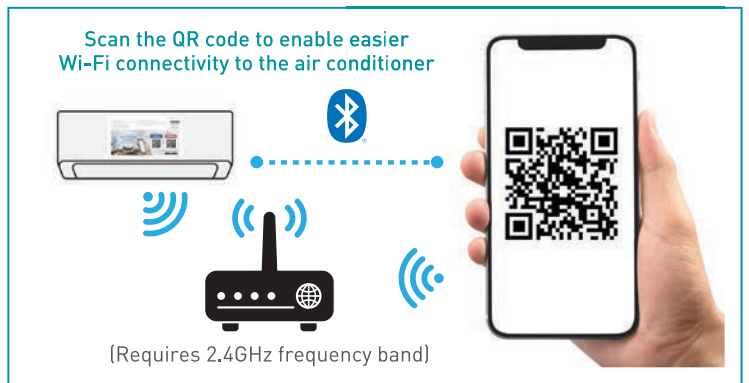
## nanoe-G

# 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

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



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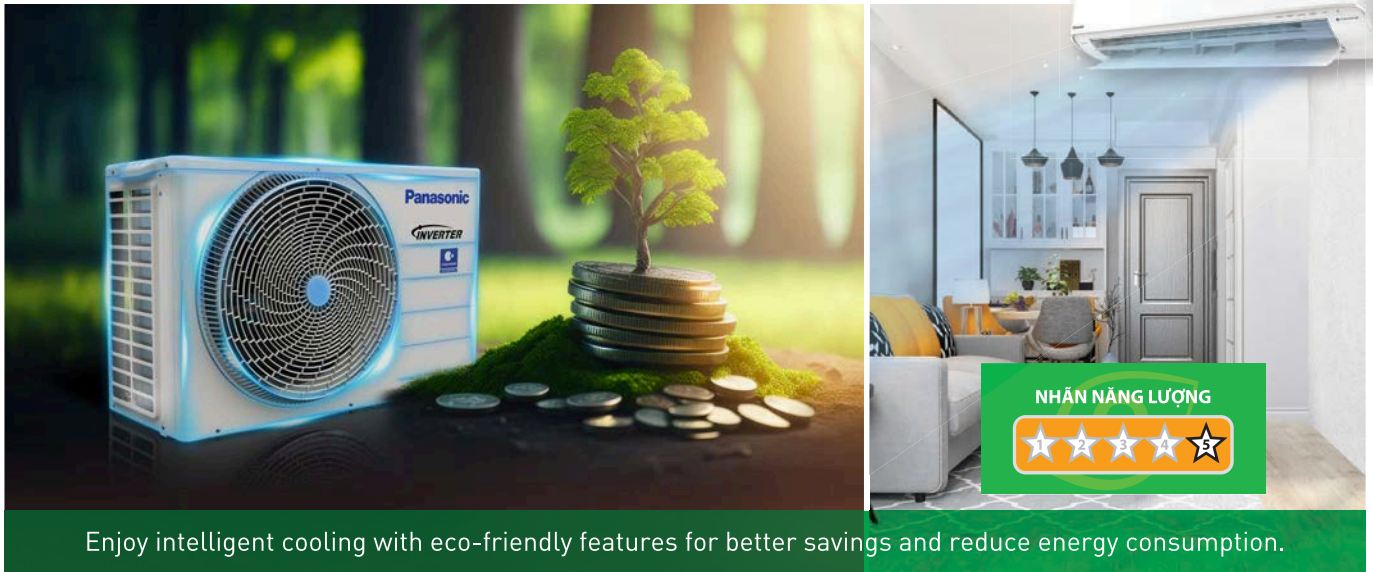
Enjoy intelligent cooling with eco-friendly features for better savings and reduce energy consumption.

## Inverter Technology

Panasonic's Inverter air conditioners integrate DC motor to offer better performance in terms of greater energy savings, better comfort, quiet operation and wide output range. Inverter technology minimises temperature fluctuation to save energy without compromising comfort.

**INVERTER**

Scan to know more

**Greater Energy Savings**
Cut your bill in half with Inverter air conditioner compared to non-Inverter air conditioner.

**Better Comfort**
Minimise temperature fluctuation.
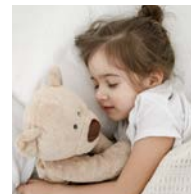
**Quiet Operation**
Smooth operation and lower noise as low as 19dB(A)*.

*19dB(A) is applicable to AERO ELITE INVERTER (1.0-1.5HP), PREMIUM INVERTER (1.0-1.5HP) and AERO ELITE INVERTER HEAT PUMP (1.0-1.5HP).

**Wide Output Range**
Balance comfort level depending on the number of occupants in a room.

## 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.

**AI ECO**

Scan to know more

Energy Saving

Comfort

UP TO **20%**[*1] ENERGY SAVING

## Slash Your Bill in Half

Experience unparalleled comfort and efficiency by cutting half of your electricity bills with Inverter and ECO Mode with A.I. Control. Press the 'ECO' button on the remote controller to optimise cooling performance and enhance energy efficiency with up to 20%[*1] energy savings.

**INVERTER** + **AI ECO**
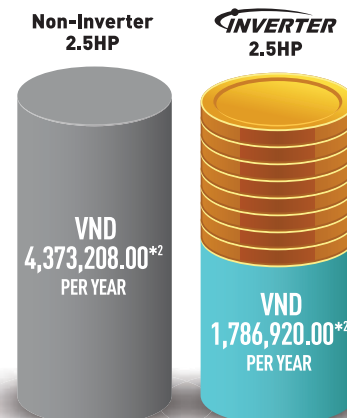
[*1]Comparison of ECO Mode & normal mode by using 1.5HP INVERTER model.
[*2]Comparison on yearly electricity cost of CS-XU24ZKH-8 and CS-N24ZKH-8. The annual electricity cost is estimated by utilising the Cooling Seasonal Energy Consumption (CSEC), as tested by Vinacomin Lab. Assuming 8 hours per day, 30 days per month, and 12 months per year for air-conditioner usage, the monthly electricity cost is calculated based on the electricity tariff for the month of June 2023.

**Non-Inverter 2.5HP**
VND 4,373,208.00[*2] PER YEAR

**INVERTER 2.5HP**
VND 1,786,920.00[*2] PER YEAR

UP TO **20%**[*1] ENERGY SAVING + **AI ECO**

# Humidity Control for Better Comfort

Built-in
Humidity Sensor

HUMIDITY SENSOR **+** ⟨ DRY MODE

**Remove moisture** in the room.

HUMIDITY SENSOR **+** i AUTO-X
INTELLIGENT.DYNAMIC.COOL.

Provide **ideal sleep** environment.
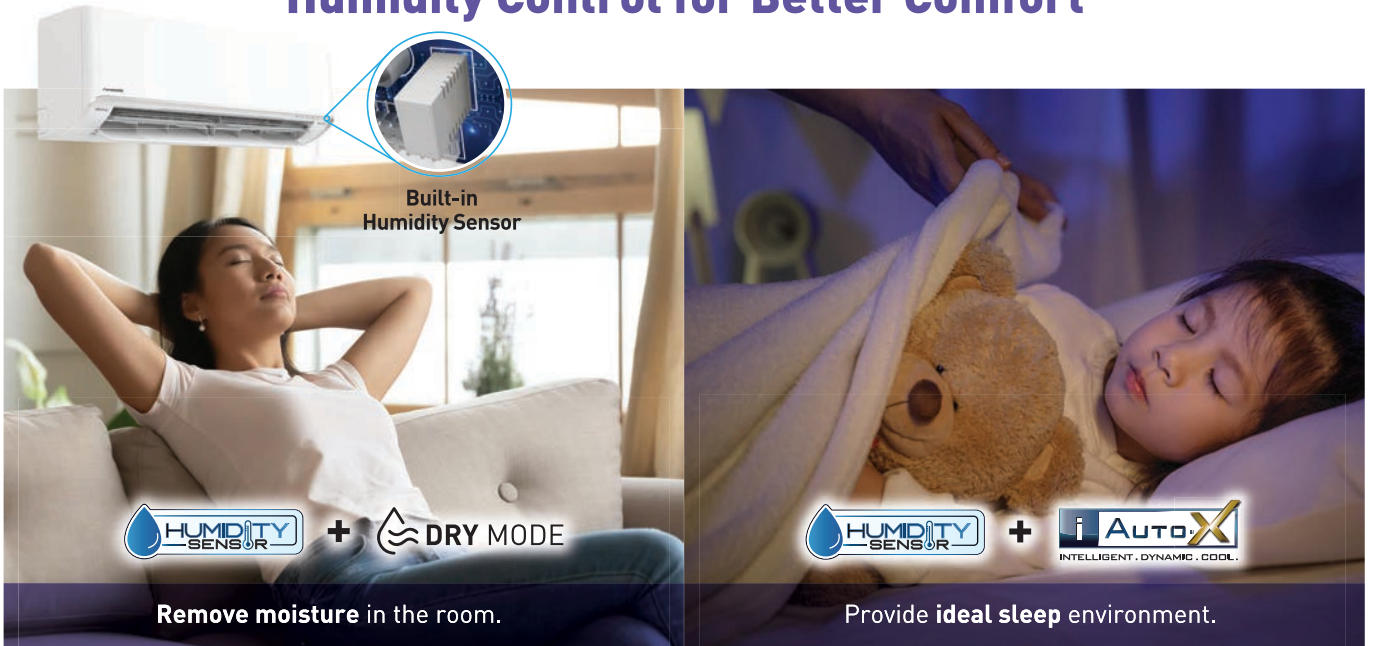
## Humidity Control with Humidity Sensor + Dry Mode

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
- Rainy 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 **+** i AUTO-X
INTELLIGENT.DYNAMIC.COOL.

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

25°C 80%
**Without Humidity Sensor**

25°C 60%
**With iAUTO-X & Humidity Sensor**
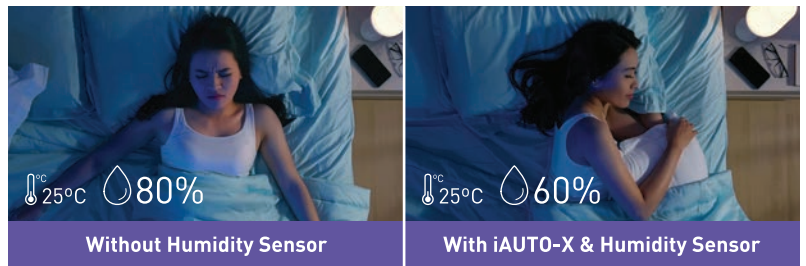
Air conditioner with iAUTO-X and Humidity Sensor controls relative humidity to below 60% for a restful sleep through the night.

# Comfort Cooling Environment

Ensures every corner of the room is cooled.
**SKYWING**
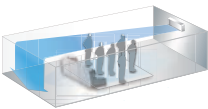
Stronger and longer airflow up to 15 meters.
**AEROWINGS**

Directs cool air across the room.
**BIG FLAP**

SKYWING
**Unique Top Flap Design**

AEROWINGS
**Sub-Flap**
Compresses and concentrates cool air

**Outer Flap**
Helps to deliver airflow further

BIG FLAP
**Big Bottom Flap**

# Faster Cooling with iAUTO-X and POWERFUL Mode

Cool your living spaces rapidly and maintain comfortable temperature throughout the day.

## 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.

**25%** COOLER FASTER

Scan to know more

### iAUTO-X
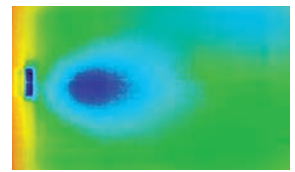
cooler ◄─────────► warmer

Concentrated airflow cools instantly. Room is evenly cooled.

## Uniqueness of iAUTO-X

MEDIUM FAN SPEED
▼ ▲
HIGH FAN SPEED
▼ ▲
SUPER HIGH FAN SPEED
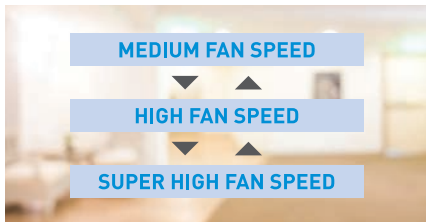
### Automatic Fan Speed
iAUTO-X automatically switches fan speed depending on the temperature difference between the room and the set temperature.

### Automatic Flap Control
After reaching the set temperature, the flap moves upwards automatically to perform shower cooling.
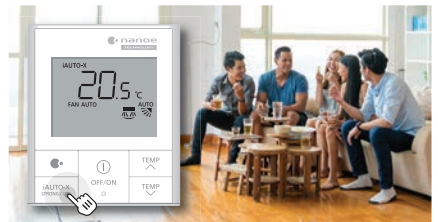
### Reactivate iAUTO-X
Second press on the iAUTO-X button reactivates faster cooling, even if the number of people in the room increases.

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

Scan to know more

**POWERFUL**

UP TO **18%*** FASTER COOLING

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

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

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

nanoeX Generator Mark1    nanoe-G    SKYWING    AutoX INTELLIGENT.DYNAMIC.COOL.    INVERTER    XTRA QUIET 18dB
(CS-VU9UKH-8)

| MODEL | | | CU/CS-VU9UKH-8 | CU/CS-VU12UKH-8 | CU/CS-VU18UKH-8 |
|---|---|---|---|---|---|
| | 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 (5★) | 6.61 (5★) | 5.48 (5★) |
| 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 | m³/min (ft³/min) | 11.5 (405) | 12.8 (450) | 14.8 (520) |
| | Outdoor | m³/min (ft³/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 | Type (Amount) | g | R32 (900) | R32 (900) | R32 (1,080) |
| 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 + i AutoX INTELLIGENT.DYNAMIC.COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | | | CU/CS-XU9ZKH-8 | CU/CS-XU12ZKH-8 | CU/CS-XU18ZKH-8 | CU/CS-XU24ZKH-8 |
|---|---|---|---|---|---|---|
| | 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 (5★) | 6.32 (5★) | 7.11 (5★) | 6.90 (5★) |
| 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 | m³/min (ft³/min) | 11.7 (415) | 12.5 (440) | 18.7 (660) | 19.2 (680) |
| | Outdoor | m³/min (ft³/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 | Type (Amount) | g | R32 (430) | R32 (530) | R32 (920) | R32 (1,170) |
| 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

**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 + i AutoX INTELLIGENT.DYNAMIC.COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | | | CU/CS-U9ZKH-8 | CU/CS-U12ZKH-8 | CU/CS-U18ZKH-8 | CU/CS-U24ZKH-8 |
|---|---|---|---|---|---|---|
| | 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 (5★) | 6.30 (5★) | 7.10 (5★) | 6.89 (5★) |
| 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 | m³/min (ft³/min) | 11.7 (415) | 12.5 (440) | 18.7 (660) | 19.2 (680) |
| | Outdoor | m³/min (ft³/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 | Type (Amount) | g | R32 (430) | R32 (530) | R32 (920) | R32 (1,170) |
| 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.
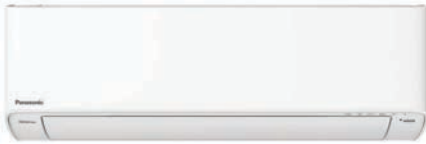
**OUTDOOR UNIT**

BLUE FIN CONDENSER

R32 REFRIGERANT

CU-U9ZKH-8

CU-U12ZKH-8

CU-U18ZKH-8

CU-U24ZKH-8

## CS-RU9AKH-8 | CS-RU12AKH-8 | CS-RU18AKH-8

**Wireless** (Standard)
**Wired** CZ-RD514C (Optional)
**BUILT-IN EASY CONNECT**

## CS-RU18AKH-8B | CS-RU24AKH-8

**Wireless** (Standard)
**Wired** CZ-RD514C (Optional)
**BUILT-IN EASY CONNECT**

**nanoeX** Generator Mark2 | **INSIDE CLEANING** ON DEMAND | **nanoe-G** | **Panasonic** Comfort Cloud App | **BIG FLAP** (CS-RU9/12/18AKH-8) | **AEROWINGS** (CS-RU18AKH-8B/ CS-RU24AKH-8) | **POWERFUL** | **AI ECO** *INVERTER*

| MODEL | INDOOR UNIT (50Hz) | CU/CS-RU9AKH-8 | CU/CS-RU12AKH-8 | CU/CS-RU18AKH-8 | CU/CS-RU18AKH-8B | CU/CS-RU24AKH-8 |
|---|---|---|---|---|---|---|
| | INDOOR UNIT (50Hz) | CS-RU9AKH-8 | CS-RU12AKH-8 | CS-RU18AKH-8 | CS-RU18AKH-8B | CS-RU24AKH-8 |
| | OUTDOOR UNIT | CU-RU9AKH | CU-RU12AKH | CU-RU18AKH | CU-RU18AKH-B | CU-RU24AKH |
| Cooling Capacity | (min-max) kW | 2.65 (0.90-3.40) | 3.52 (1.02-4.10) | 5.20 (1.10-5.60) | 5.30 (1.10-6.00) | 6.25 (1.12-7.18) |
| | (min-max) Btu/h | 9,040 (3,070-11,600) | 12,000 (3,480-14,000) | 17,700 (3,750-19,100) | 18,100 (3,750-20,500) | 21,300 (3,820-24,500) |
| EER | (min-max) Btu/hW | 12.05 (13.64-11.26) | 11.65 (12.65-11.11) | 10.35 (12.93-10.32) | 11.24 (12.93-11.20) | 11.83 (15.28-11.78) |
| | (min-max) W/W | 3.53 (4.00-3.30) | 3.42 (3.71-3.25) | 3.04 (3.79-3.03) | 3.29 (3.79-3.28) | 3.47 (4.48-3.45) |
| CSPF | W/W | 5.32 (5★) | 5.40 (5★) | 5.11 (5★) | 5.97 (5★) | 6.23 (5★) |
| Electrical Data | Voltage V | 220 | 220 | 220 | 220 | 220 |
| | Current A | 3.70 | 4.80 | 7.90 | 7.40 | 8.30 |
| | Power Input (min-max) W | 750 (225-1,030) | 1,030 (275-1,260) | 1,710 (290-1,850) | 1,610 (290-1,830) | 1,800 (250-2,080) |
| Moisture Removal | L/h | 1.6 | 2.0 | 2.9 | 2.9 | 3.5 |
| | Pt/h | 3.4 | 4.2 | 6.1 | 6.1 | 7.4 |
| Air Circulation | Indoor m³/min (ft³/min) | 10.3 (365) | 11.0 (390) | 12.6 (445) | 19.3 (680) | 19.9 (700) |
| | Outdoor m³/min (ft³/min) | 26.7 (940) | 30.6 (1,080) | 39.3 (1,390) | 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 | 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) |
| | Height 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 | 765 (650) | 765 (780) | 765 (824) | 1,060 (824) | 1,060 (824) |
| | Width inch | 30-1/8 (25-19/32) | 30-1/8 (30-23/32) | 30-1/8 (32-15/32) | 41-3/4 (32-15/32) | 41-3/4 (32-15/32) |
| | Depth mm | 214 (230) | 214 (289) | 214 (299) | 249 (299) | 249 (299) |
| | Depth inch | 8-7/16 (9-1/16) | 8-7/16 (11-13/32) | 8-7/16 (11-25/32) | 9-13/16 (11-25/32) | 9-13/16 (11-25/32) |
| Net Weight | Indoor kg (lb) | 8 (18) | 8 (18) | 9 (20) | 12 (26) | 12 (26) |
| | Outdoor kg (lb) | 18 (40) | 22 (49) | 29 (64) | 29 (64) | 32 (71) |
| Refrigerant | Type (Amount) g | R32 (410) | R32 (450) | R32 (680) | R32 (710) | R32 (920) |
| Refrigerant Pipe Diameter | Liquid Side mm | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 | ø 6.35 |
| | Liquid Side 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 |
| | Gas Side 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-RU9AKH

CU-RU12AKH

CU-RU18AKH
CU-RU18AKH-B
CU-RU24AKH

**CS-N9ZKH-8 | CS-N12ZKH-8**
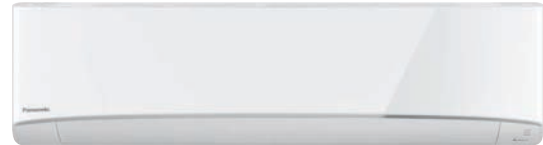
**CS-N18ZKH-8 | CS-N24ZKH-8**

Wireless
(Standard)

Wireless
(Standard)

nanoe-G    BIG FLAP    POWERFUL

| MODEL | | | CU/CS-N9ZKH-8 | CU/CS-N12ZKH-8 | CU/CS-N18ZKH-8 | CU/CS-N24ZKH-8 |
|---|---|---|---|---|---|---|
| | 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 (2★) | 3.49 (2★) | 3.47 (3★) | 3.30 (2★) |
| 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 | m³/min (ft³/min) | 10.4 (370) | 11.5 (410) | 19.3 (680) | 21.5 (760) |
| | Outdoor | m³/min (ft³/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 | Type (Amount) | g | R32 (420) | R32 (620) | R32 (870) | R32 (1,080) |
| 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

**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 + iAutoX INTELLIGENT·DYNAMIC·COOL. | AEROWINGS | AI ECO INVERTER

| MODEL | | | CU/CS-XZ9ZKH-8 | CU/CS-XZ12ZKH-8 | CU/CS-XZ18ZKH-8 | CU/CS-XZ24ZKH-8 |
|---|---|---|---|---|---|---|
| | 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) / 3.20 (1.00-5.30) | 3.50 (1.00-4.20) / 3.70 (1.00-5.80) | 5.00 (1.10-6.70) / 6.00 (1.10-8.00) | 7.10 (1.40-8.90) / 8.00 (1.40-10.00) |
| | (min-max) | Btu/h | 8,530 (3,410-12,600) / 10,900 (3,410-18,100) | 11,900 (3,410-14,300) / 12,600 (3,410-19,800) | 17,100 (3,750-22,800) / 20,500 (3,750-27,300) | 24,200 (4,770-30,300) / 27,300 (4,770-34,100) |
| EER / COP | (min-max) | Btu/hW | 17.41 (17.49-12.60) / 16.77 (17.49-12.48) | 14.69 (17.49-11.92) / 16.36 (17.49-12.77) | 15.13 (16.30-11.40) / 15.41 (17.05-11.62) | 10.61 (11.09-9.04) / 11.67 (11.93-10.33) |
| | (min-max) | W/W | 5.10 (5.13-3.70) / 4.92 (5.13-3.66) | 4.32 (5.13-3.50) / 4.81 (5.13-3.74) | 4.42 (4.78-3.35) / 4.51 (5.00-3.40) | 3.11 (3.26-2.66) / 3.42 (3.50-3.03) |
| CSPF | | W/W | 7.64 (5★) | 7.25 (5★) | 7.15 (5★) | 5.47 (5★) |
| 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) / 650 (195-1,450) | 810 (195-1,200) / 770 (195-1,550) | 1,130 (230-2,000) / 1,330 (220-2,350) | 2,280 (430-3,350) / 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) | m³/min (ft³/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 | Type (Amount) | g | R32 (780) | R32 (780) | R32 (1,130) | R32 (1,330) |
| 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

# STANDARD *INVERTER* HEAT PUMP — Single-Split Type

**CS-YZ9AKH-8 | CS-YZ12AKH-8**

**CS-YZ18AKH-8**

Wireless (Standard) | Wired CZ-RD514C (Optional) | BUILT-IN EASY CONNECT

Wireless (Standard) | Wired CZ-RD514C (Optional) | BUILT-IN EASY CONNECT

nanoe-G · Panasonic Comfort Cloud App · BIG FLAP (CS-YZ9/12AKH-8) · AEROWINGS (CS-YZ18AKH-8) · POWERFUL · AI ECO *INVERTER*

| MODEL | | | CU/CS-YZ9AKH-8 | CU/CS-YZ12AKH-8 | CU/CS-YZ18AKH-8 |
|---|---|---|---|---|---|
| | INDOOR UNIT | (50Hz) | CS-YZ9AKH-8 | CS-YZ12AKH-8 | CS-YZ18AKH-8 |
| | OUTDOOR UNIT | | CU-YZ9AKH-8 | CU-YZ12AKH-8 | CU-YZ18AKH-8 |
| Cooling / Heating Capacity | (min-max) | kW | 2.65 (0.84-3.00) 3.15 (0.84-3.50) | 3.52 (0.92-3.80) 3.84 (0.92-4.10) | 5.20 (1.20-6.00) 5.40 (1.20-7.70) |
| | (min-max) | Btu/h | 9,040 (2,860-10,200) 10,700 (2,860-11,900) | 12,000 (3,140-13,000) 13,100 (3,140-14,000) | 17,700 (4,090-20,500) 18,400 (4,090-26,300) |
| EER / COP | (min-max) | Btu/hW | 12.91 (13.00-10.20) 14.08 (14.30-12.02) | 11.11 (11.21-10.40) 12.24 (12.56-11.57) | 12.46 (17.04-11.71) 13.63 (18.59-12.23) |
| | (min-max) | W/W | 3.79 (3.82-3.00) 4.14 (4.20-3.54) | 3.26 (3.29-3.04) 3.59 (3.68-3.39) | 3.66 (5.00-3.43) 4.00 (5.45-3.58) |
| CSPF | | W/W | 6.46 (5★) | 5.79 (5★) | 6.62 (5★) |
| Electrical Data | Voltage | V | 220 | 220 | 220 |
| | Current | A | 3.30 / 3.50 | 5.00 / 5.00 | 6.70 / 6.20 |
| | Power Input (min-max) | W | 700 (220-1,000) 760 (200-990) | 1,080 (280-1,250) 1,070 (250-1,210) | 1,420 (240-1,750) 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) | m³/min (ft³/min) | 11.9 (420) / 11.9 (420) | 12.4 (440) / 12.4 (440) | 19.3 (680) / 19.3 (680) |
| 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) | 290 (542) | 295 (619) |
| | | inch | 11-7/16 (21-11/32) | 11-7/16 (21-11/32) | 11-5/8 (24-3/8) |
| | Width | mm | 765 (780) | 765 (780) | 1,060 (824) |
| | | inch | 30-1/8 (30-23/32) | 30-1/8 (30-23/32) | 41-3/4 (32-15/32) |
| | Depth | mm | 214 (289) | 214 (289) | 249 (299) |
| | | inch | 8-7/16 (11-13/32) | 8-7/16 (11-13/32) | 9-13/16 (11-25/32) |
| Net Weight | Indoor | kg (lb) | 8 (18) | 8 (18) | 12 (26) |
| | Outdoor | kg (lb) | 24 (53) | 24 (53) | 34 (75) |
| Refrigerant | Type (Amount) | g | R32 (520) | R32 (610) | R32 (1,100) |
| 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-YZ9AKH-8
CU-YZ12AKH-8

CU-YZ18AKH-8

# FEATURES COMPARISON

## Wall-Mounted

| Split Type | ELITE INVERTER | AERO ELITE INVERTER | PREMIUM INVERTER | STANDARD INVERTER WITH nanoe™ X | STANDARD NON-INVERTER | AERO ELITE INVERTER HEAT PUMP | STANDARD INVERTER HEAT PUMP |
|---|---|---|---|---|---|---|---|
| Cooling / Heating Models | CS-VU9UKH-8 CS-VU12UKH-8 CS-VU18UKH-8 | CS-XU9ZKH-8 CS-XU12ZKH-8 CS-XU18ZKH-8 CS-XU24ZKH-8 | CS-U9ZKH-8 CS-U12ZKH-8 CS-U18ZKH-8 CS-U24ZKH-8 | CS-RU9AKH-8 CS-RU12AKH-8 CS-RU18AKH-8 CS-RU18AKH-8B CS-RU24AKH-8 | CS-N9ZKH-8 CS-N12ZKH-8 CS-N18ZKH-8 CS-N24ZKH-8 | CS-XZ9ZKH-8 CS-XZ12ZKH-8 CS-XZ18ZKH-8 CS-XZ24ZKH-8 | CS-YZ9AKH-8 CS-YZ12AKH-8 CS-YZ18AKH-8 |

### CLEANER AIR

| Feature | ELITE | AERO ELITE | PREMIUM | STD W/ nanoe X | STD NON-INV | AERO ELITE HP | STD HP |
|---|---|---|---|---|---|---|---|
| nanoe™ X | ● (Mark 1) | ● (Mark 3) | ● (Mark 2) | ● (Mark 2) |  | ● (Mark 3) |  |
| nanoe-G | ● | ● | ● | ● | ● | ● | ● |
| Inside Cleaning On Demand |  | ● | ● | ● |  | ● |  |
| Anti-Dust Coating | ● | ● |  |  |  | ● |  |
| Dust Sensor | ● |  |  |  |  |  |  |
| Odour-Removing Function | ● | ● | ● | ● | ● | ● | ● |
| Removable, Washable Panel |  | ● | ● | ● | ● | ● | ● |

### CONVENIENCE

| Feature | ELITE | AERO ELITE | PREMIUM | STD W/ nanoe X | STD NON-INV | AERO ELITE HP | STD HP |
|---|---|---|---|---|---|---|---|
| Wi-Fi |  | ● (Built-In) | ● (Built-In) | ● (Built-In) |  | ● (Built-In) | ● (Built-In) |
| 24-Hour Dual ON & OFF Real Setting Timer | ● | ● | ● | ● |  | ● | ● |
| 24-Hour ON & OFF Real Setting Timer |  |  |  |  | ● |  |  |
| LCD Wireless Remote Control | ● | ● | ● | ● | ● | ● | ● |
| Wired Remote Control | (Optional) | (Optional) | (Optional) | (Optional) |  | (Optional) | (Optional) |

### COMFORT

| Feature | ELITE | AERO ELITE | PREMIUM | STD W/ nanoe X | STD NON-INV | AERO ELITE HP | STD HP |
|---|---|---|---|---|---|---|---|
| iAUTO-X | ● | ● | ● |  |  | ● |  |
| Powerful Mode |  |  |  | ● | ● |  | ● |
| Humidity Sensor |  | ● | ● |  |  | ● |  |
| SLEEP | ● | ● | ● | ● | ● | ● | ● |
| Quiet Mode | ● | ● | ● | ● | ● | ● | ● |
| Soft Dry Operation Mode | ● | ● | ● | ● | ● | ● | ● |
| Radiant Cooling | ● |  |  |  |  |  |  |
| Personal Airflow Creation | ● | ● | ● | ● (RU18-B/RU24) |  | ● | ● (YZ18) |
| Airflow Direction Control (Up & Down) |  |  |  | ● (RU9/RU12/RU18) | ● |  | ● (YZ9/YZ12) |
| Manual Horizontal Airflow Direction Control |  |  |  | ● (RU9/RU12/RU18) |  |  | ● (YZ9/YZ12) |
| Auto Changeover Mode (Heat Pump) |  |  |  |  |  | ● | ● |
| Hot Start Control |  |  |  |  |  | ● | ● |

### ENERGY EFFICIENCY

| Feature | ELITE | AERO ELITE | PREMIUM | STD W/ nanoe X | STD NON-INV | AERO ELITE HP | STD HP |
|---|---|---|---|---|---|---|---|
| Inverter Control | ● | ● | ● | ● |  | ● | ● |
| ECO Mode with A.I. | ● | ● | ● | ● |  | ● | ● |

### RELIABILITY

| Feature | ELITE | AERO ELITE | PREMIUM | STD W/ nanoe X | STD NON-INV | AERO ELITE HP | STD HP |
|---|---|---|---|---|---|---|---|
| Random Auto Restart (32 Restart Patterns) | ● | ● | ● | ● | ● | ● | ● |
| Blue Fin Condenser | ● | ● | ● | ● | ● | ● | ● |
| Long Piping (Numbers indicate the maximum pipe length) | 20m (VU9/VU12) 30m (VU18) | 20m (XU9/XU12) 30m (XU18/XU24) | 20m (U9/U12) 30m (U18/U24) | 20m (RU9/RU12) 30m (RU18/RU18-B/RU24) | 20m (N9/N12) 30m (N18/N24) | 20m (XZ9/XZ12) 30m (XZ18/XZ24) | 15m (YZ9/YZ12) 30m (YZ18) |
| Top-Panel Maintenance Access | ● | ● | ● | ● |  | ● | ● |
| Self-Diagnostic Function | ● | ● | ● | ● |  | ● | ● |

## CLEANER AIR

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

**nanoe-G** — nanoe-G works effectively on removing dust particles as small as PM2.5.

**INSIDE CLEANING ON DEMAND** — Cleanses the inside of the indoor unit by removing moisture, and releasing nanoe™ X to inhibit various pollutants, delivering clean air for your home.

**ANTI-DUST COATING** — Anti-dust coating prevents dust from accumulating on cross flow fan by keeping it clean.

**DUST SENSOR** — Monitors particle concentration levels and turns on nanoe-G if levels are high.

**ODOUR-REMOVING FUNCTION** — With this function, there's no unpleasant odour when the unit starts up. That's because the fan remains off momentarily, while the source of the odour inside the air conditioner is suppressed. The unit must be in cool or dry mode and the fan speed must be set to automatic.

**REMOVABLE, WASHABLE PANEL** — Gives you easy access to the filter as well as making the unit easy to clean.

## CONVENIENCE

**Wi-Fi** — Control air conditioners remotely by turning your mobile device into a remote controller using internet connection.

**24-HOUR DUAL ON & OFF REAL SETTING TIMER** — This feature enables you to preset two different sets of start/stop operation timer (hour and minute) within a 24-hour time frame.

**24-HOUR ON & OFF REAL SETTING TIMER** — The exact operating time (hour and minute) of the air conditioner can be set in advance. From here on, the unit will operate in accordance to these preset hours every day until the system is reset.

**LCD WIRELESS REMOTE CONTROL** — Easy control of the unit from anywhere in the room.

**WIRED REMOTE CONTROL** — Control at the unit from fixed location where wired remote controller is installed.

## COMFORT

**iAUTO-X** — Come home to ultra-fast cooling, and then enjoy continuous comfort Shower Cooling that evenly distributes cool air.

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

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

**SLEEP MODE** — Delays off timer with temperature control for better sleep.

**QUIET MODE** — Enjoy the comfort of running your air conditioner at night for a relaxing sleep.

**SOFT DRY OPERATION MODE** — Starts with cooling to dehumidify, then provides continuous breeze at a low frequency to keep a room dry without much change to the temperature.

**RADIANT COOLING** — Cools the ceiling and walls first, providing continuous cooling comfort without direct airflow.

**PERSONAL AIRFLOW CREATION** — Vertical and horizontal airflow patterns can be combined as desired to achieve optimum comfort, with operation by remote even from a distance.

**AIRFLOW DIRECTION CONTROL (UP & DOWN)** — Vertical airflow patterns can be controlled with operation by remote, even from a distance.

**MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL** — Horizontal airflow patterns can be manually adjusted.

**AUTO CHANGEOVER MODE (HEAT PUMP)** — In Auto Mode the unit will select if heating or cooling is required.

**HOT START CONTROL** — On the start of the heating cycle and after the defrost cycle, the indoor fan will start up once the indoor heat exchanger is warm.

## ENERGY EFFICIENCY

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

**ECO MODE WITH A.I.** — Auto-adjusts to the optimal ECO level based on heat load conditions and air conditioning cooling capacity.

## RELIABILITY

**RANDOM AUTO RESTART** — When multiple units are connected and there is a power outage, they will turn on at different times to prevent power supply spikes.

**BLUE FIN CONDENSER** — Extra protection from the elements with a longer lasting coil.

**LONG PIPING** — Long piping offers more flexible installation options.

**TOP-PANEL MAINTENANCE ACCESS** — Easy access for maintenance.

**SELF-DIAGNOSTIC FUNCTION** — Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows for quicker servicing.

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**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 2024.
- 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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