

Panasonic

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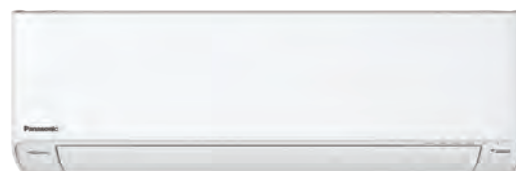


Residential Air Conditioners

RESIDENTIAL AIR CONDITIONERS (FOR MM/PROJECT) 2023/2024



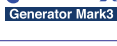
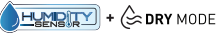
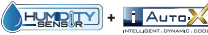
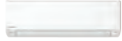
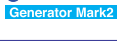
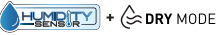
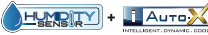
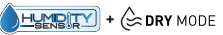
AERO ELITE INVERTER



PREMIUM INVERTER



QUALITY AIR FOR LIFE

PRODUCT LINE-UP				FEATURES EXPLANATION
VU ELITE INVERTER	 1.0HP - 2.0HP	  	  	Air Purification  nanoe™ X effectively deodorises and inhibits various pollutants for a fresher and cleaner space.  Inside cleaning works inside of an indoor unit by removing moisture, and releases nanoe™ X to inhibit various pollutants.  nanoe-G effectively removes up to 99% of PM2.5.
XU AERO ELITE INVERTER	 1.0HP - 2.5HP	   	    	Connectivity  Provides convenience to connect and control the air conditioner anywhere, anytime.
U PREMIUM INVERTER	 1.0HP - 2.5HP	   	    	Comfort  Air conditioner with Humidity Sensor and Dry Mode helps to remove excess moisture in the room while preventing overcooling.  Air conditioner with Humidity Sensor and iAUTO-X mode helps to provide an ideal sleep environment.  POWERFUL Mode cools your room faster during start-up for instant cooling comfort.
WPU STANDARD INVERTER with Wi-Fi	 1.0HP - 2.5HP	  	  	Comfort  Air conditioner with Humidity Sensor and Dry Mode helps to remove excess moisture in the room while preventing overcooling.  Air conditioner with Humidity Sensor and iAUTO-X mode helps to provide an ideal sleep environment.  POWERFUL Mode cools your room faster during start-up for instant cooling comfort.
PU STANDARD INVERTER	 1.0HP - 2.5HP	 	  	Comfort  Air conditioner with Humidity Sensor and Dry Mode helps to remove excess moisture in the room while preventing overcooling.  Air conditioner with Humidity Sensor and iAUTO-X mode helps to provide an ideal sleep environment.  POWERFUL Mode cools your room faster during start-up for instant cooling comfort.
N STANDARD NON-INVERTER	 1.0HP - 2.5HP		  	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.
XZ PREMIUM INVERTER HEAT PUMP	 1.0HP - 2.5HP	   	    	Energy Efficiency  Varies the rotation speed of the compressor for higher energy saving.  Auto-adjusts the optimal ECO level based on the heat load conditions and air conditioning cooling capacity.
YZ STANDARD INVERTER HEAT PUMP	 1.0HP - 2.0HP	 	  	Energy Efficiency  Varies the rotation speed of the compressor for higher energy saving.  Auto-adjusts the optimal ECO level based on the heat load conditions and air conditioning cooling capacity.



nanoe™ X Clean 'n Care function

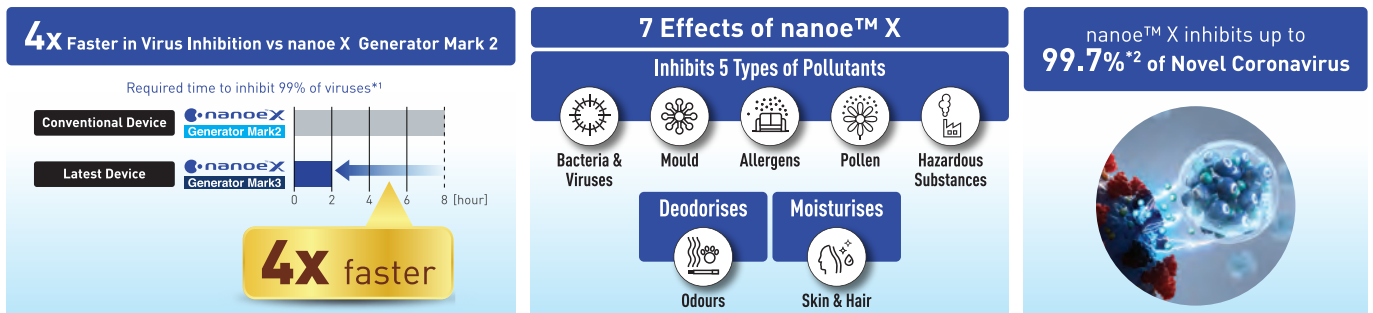


Scan to know more



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.



*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.



Note: Air filter routine maintenance is required to ensure optimal performance.

*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)

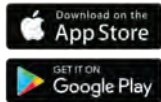
**Inside Cleaning function is applicable to AERO ELITE INVERTER, PREMIUM INVERTER and PREMIUM INVERTER HEAT PUMP model. Mould inhibition effect and anti-dust cross flow fan are not available for PREMIUM INVERTER model.

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.



Comfort Cloud App



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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

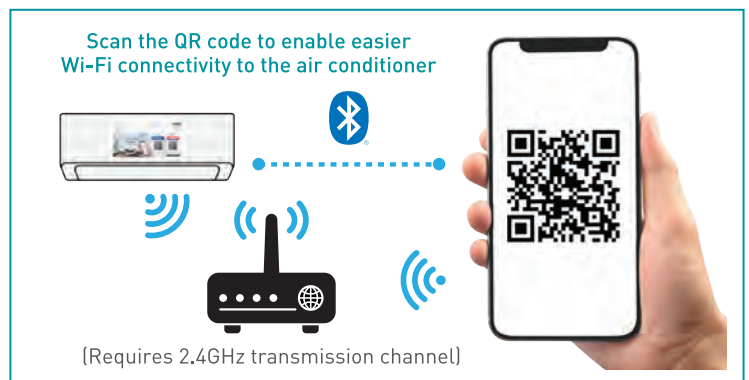
Secured & Easier Setup with Advanced Scan Connectivity**

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



**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.

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)

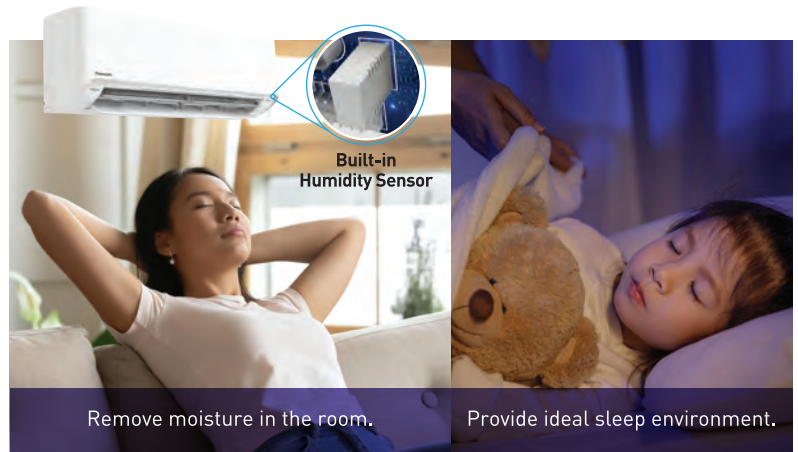
Effective in removing 99%*¹ of dust particles, nanoe-G releases negative ions to capture dust particles sized as small as PM2.5, carrying them back to the filter to provide a clean and pristine living space.



*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 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.



Benefits of Panasonic Air Conditioner with Humidity Sensor + Dry Mode

When Do You Need It?

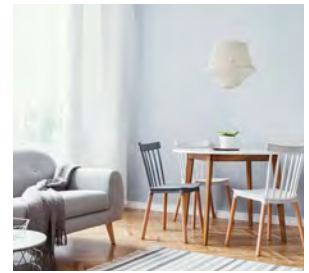
- High humidity but room temperature isn't hot
- Raining weather where there is damp smell in the room
- Living in an area with high humidity



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



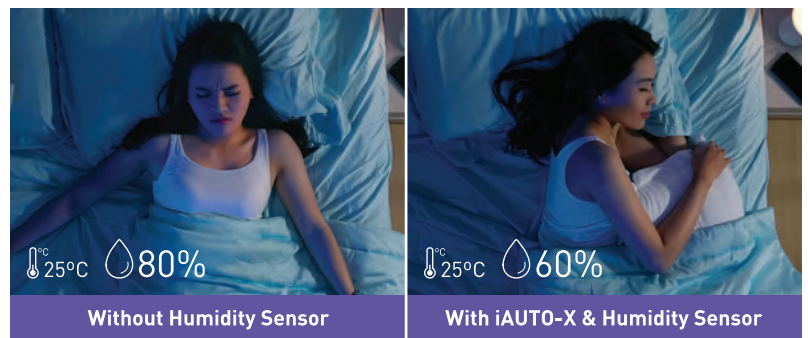
Reduces Dampness
Air stays fresh with no damp smell in the room.



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.



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.

AIRFLOW

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



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

iAUTO-X Operation

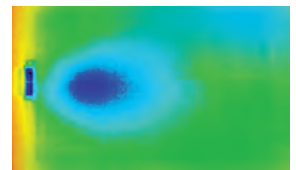
iAUTO-X provides stronger and faster cooling using Panasonic Thermal Enhancement Technology (P-TECh), enabling the compressor to achieve maximum frequency quickly from start-up.



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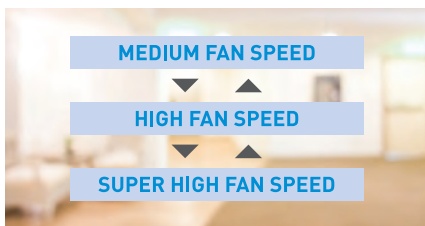
iAUTO-X



cooler ← warmer

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 of 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.



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POWERFUL

*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 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.



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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.



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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.


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]


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	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 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


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)Wireless
(Standard)Wired
CZ-RD514C
(Optional)

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	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 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



CU-XU9ZKH-8



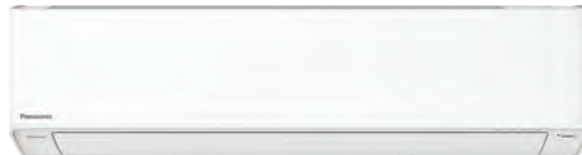
CU-XU12ZKH-8



CU-XU18ZKH-8



CU-XU24ZKH-8


CS-U9ZKH-8 | CS-U12ZKH-8

CS-U18ZKH-8 | CS-U24ZKH-8

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)

Wireless
(Standard)

Wired
CZ-RD514C
(Optional)


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	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 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

CU-U9ZKH-8

CU-U12ZKH-8

CU-U18ZKH-8

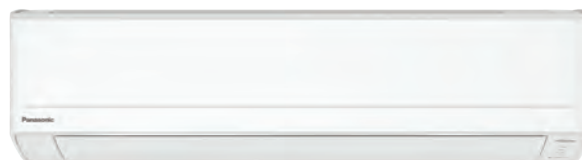
CU-U24ZKH-8

Single-Split Type

STANDARD INVERTER WITH Wi-Fi



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



CS-WPU24XKH-8



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



nanoe-G



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	m³/min (ft³/min)	10.3 [365]	11.0 [390]	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)	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



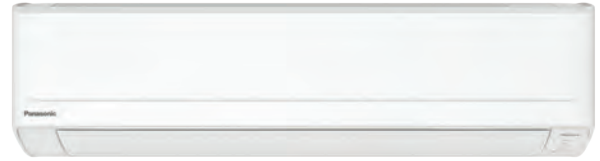
CU-WPU18XKH-8
CU-WPU24XKH-8

STANDARD INVERTER

Single-Split Type



CS-PU9ZKH-8M | CS-PU12ZKH-8M | CS-PU18XKH-8M



CS-PU24XKH-8M



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Network Adaptor
CZ-TACG1
(Optional)



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



Network Adaptor
CZ-TACG1
(Optional)



MODEL	INDOOR UNIT (50Hz)		CS-PU9ZKH-8M	CS-PU12ZKH-8M	CS-PU18XKH-8M	CS-PU24XKH-8M
	OUTDOOR UNIT		CU-PU9ZKH-8M	CU-PU12ZKH-8M	CU-PU18XKH-8M	CU-PU24XKH-8M
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	5.08	6.21
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	m³/min [ft³/min]	10.3 [365]	11.0 [390]	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)	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



CU-PU9ZKH-8M



CU-PU12ZKH-8M



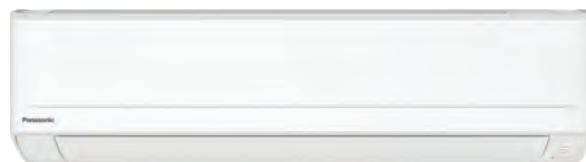
CU-PU18XKH-8M
CU-PU24XKH-8M

Single-Split Type

STANDARD NON-INVERTER



CS-N9WKH-8M | CS-N12WKH-8M

Wireless
(Standard)

CS-N18XKH-8M | CS-N24XKH-8M

Wireless
(Standard)

nanoe-G

BIG FLAP
(CS-N9/12WKH-8M)AEROWINGS
(CS-N18/24XKH-8M)

POWERFUL

MODEL	INDOOR UNIT (50Hz)		CS-N9WKH-8M	CS-N12WKH-8M	CS-N18XKH-8M	CS-N24XKH-8M
	OUTDOOR UNIT		CU-N9WKH-8M	CU-N12WKH-8M	CU-N18XKH-8M	CU-N24XKH-8M
Cooling Capacity	kW		2.65	3.52	5.28	6.60
	Btu/h		9,040	12,000	18,000	22,500
EER	Btu/hW		11.89	12.00	11.25	10.82
	W/W		3.49	3.52	3.30	3.17
CSPF	W/W		3.44	3.47	3.50	3.37
Electrical Data	Voltage	V	220	220	220	220
	Current	A	3.6	4.8	7.4	9.6
	Power Input	W	760	1,000	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)	10.5 [371]	12.0 [424]	18.5 [653]	21.0 [741]
	Outdoor	m ³ /min (ft ³ /min)	27.6 [970]	29.0 [1,020]	39.3 [1,390]	39.0 [1,380]
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 [511]	290 [542]	295 [619]	295 [619]
		inch	11-7/16 [20-1/8]	11-7/16 [21-11/32]	11-5/8 [24-3/8]	11-5/8 [24-3/8]
	Width	mm	779 [650]	779 [780]	1,040 [824]	1,040 [824]
		inch	30-11/16 [25-19/32]	30-11/16 [30-23/32]	40-31/32 [32-15/32]	40-31/32 [32-15/32]
	Depth	mm	209 [230]	209 [289]	244 [299]	244 [299]
		inch	8-1/4 [9-1/16]	8-1/4 [11-13/32]	9-5/8 [11-25/32]	9-5/8 [11-25/32]
Net Weight	Indoor	kg (lb)	8 [18]	8 [18]	12 [26]	12 [26]
	Outdoor	kg (lb)	22 [49]	27 [60]	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
CondenserR32
REFRIGERANT

CU-N9WKH-8M



CU-N12WKH-8M

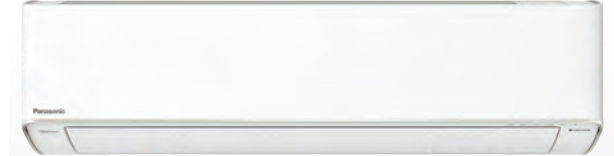
CU-N18XKH-8M
CU-N24XKH-8M

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)



Wireless
(Standard)



Wired
CZ-RD514C
(Optional)



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) 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	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) 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)	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



CU-XZ9ZKH-8
CU-XZ12ZKH-8



CU-XZ18ZKH-8
CU-XZ24ZKH-8

Single-Split Type

STANDARD INVERTER HEAT PUMP



CS-YZ9WKH-8 | CS-YZ12WKH-8



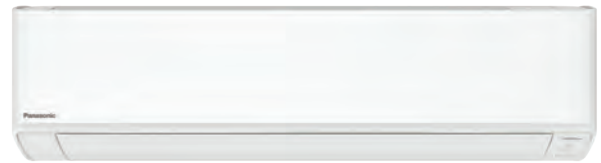
Wireless
(Standard)



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] 3.15 [0.84-3.50]	3.50 [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]	11,900 [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]	11.02 [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]	3.24 [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	6.43	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] 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]	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



- 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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