

# Panasonic

## RESIDENTIAL HEAT PUMP SOLUTIONS CATALOG



NEW PRODUCT LINE UP

Mini-Split Heat Pumps



PRODUCT LINE-UP

Single-Zone

ClimaPure® XZ



INSIDE  
CLEANING  
ON DEMAND

  
Panasonic Comfort Cloud®

+ 





AI ECO





EXTERIOS Z



+ 





AI ECO





Multi-Zone



INSIDE  
CLEANING  
ON DEMAND

  
Panasonic Comfort Cloud®

+ 



AI ECO



\* ClimaPure® XZ and EXTERIOS Z units can be used in multi-zone system. Please refer to the combination chart on page 16 for details.  
\* Room Freeze Protection only applicable to ClimaPure® XZ and EXTERIOS Z when used as single-zone system.  
\* Fireplace Function only applicable to ClimaPure® XZ and EXTERIOS Z when used as single-zone system.

New Wireless and Wired Remote Controller

More sleek, modern and easy to use.\*



Wireless





Wired  
CZ-RD517C  
Dimensions (HxWxD): 120 x 120 x 16.5 (mm) or 4-23/32 x 4-23/32 x 21/32 (in)


\*Multi-region display

FEATURES EXPLANATION



Cleaner Air

-  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.



Convenience

-  Provides convenience to connect and control the Heat Pump anywhere, anytime.

Comfort

-  A Heat Pump with Humidity Sensor and Dry Mode helps to remove excess moisture in the room while preventing overcooling.
-  Efficient use of fireplace and other heat sources by circulating warm air to keep uniform and comfortable temperature throughout the room.

Energy Efficiency

-  Varies the rotation speed of the compressor for higher energy savings.
-  Auto-adjusts the optimal ECO level based on the heat load conditions and Heat Pump cooling capacity.

Cold Climate

-  Helps prevent freezing condensate and allows very low ambient operation.
-  Automatically turns on the compressor to help prevent plumbing damage from sub-freezing temperature.



# R32 Refrigerant Compared to R410A Refrigerant



Has **HIGHER COOLING CAPACITY** so increases heat transfer efficiency.



Consumes **LESS ENERGY**, helping you to **SAVE ON ELECTRICITY COSTS**.



Has **ZERO IMPACT** on the ozone layer, and has **LOWER GLOBAL WARMING POTENTIAL**.

## Easy Installation & Service

Thanks to advanced improvement, installation time has been dramatically decreased.  
Improved parts designed for easier installation and servicing.



learn more!



### EASY REMOVAL

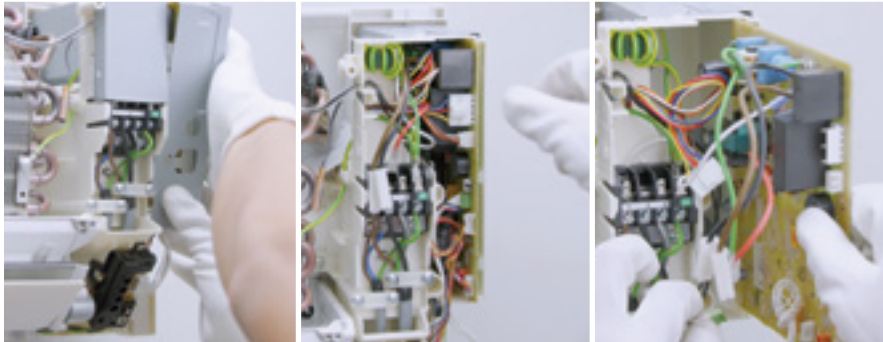
User-friendly slider locks



One-piece front grille

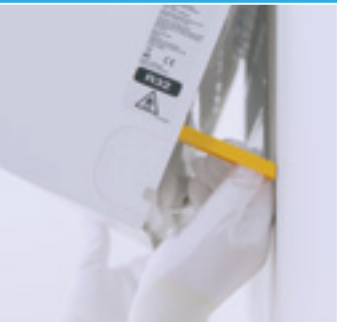


Simple steps for circuit board (PCB) removal



### EASY ACCESS

Built-in support holders



Piping storage



Easy access to drain hose and piping



Easy wire insertion and connection

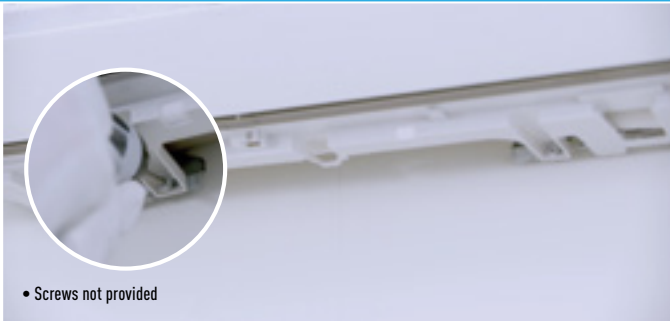


### NEAT INSTALLATION

Stronger installation plate



Screw holders for uneven surfaces



• Screws not provided

# Connect & Control your Heat Pump Anywhere, Anytime with Panasonic Comfort Cloud®



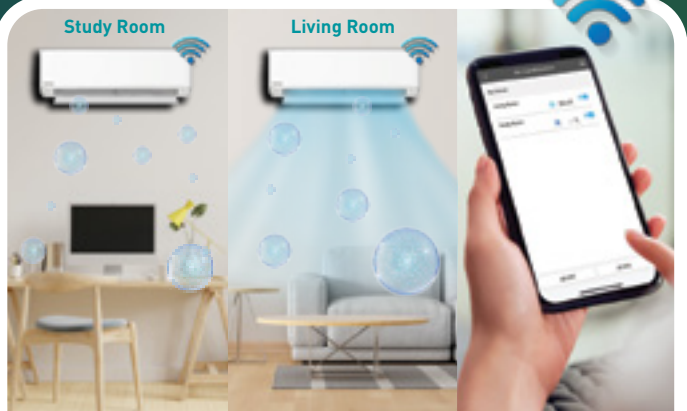
learn more!



Control multiple Indoor Units in one location or multiple locations when you are away from home.



Panasonic Comfort Cloud®



## Benefits of Panasonic Comfort Cloud® App

The application offers one-stop control for all your Heat Pumps to suit your needs and preferences.  
\*Not all features illustrated here are compatible with Multi-Zone system. Consult the user manual for more details.



### Monitor Energy Consumption\*

View the energy consumption by comparing the usage patterns daily, monthly, and yearly.



### Purify Your Home with nanoe™ X

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



### Voice Control

Works with Google Home and Amazon Alexa.



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.



\* Energy consumption and electricity bill is estimated. Actual numbers may differ.  
\* For multi-zone system, the energy consumption and electricity bill data displayed for each indoor unit will be the same, and represent the total value for the entire system.  
\*\*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 ClimaPure® XZ and Multi-Zone. 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.

Scan the QR code to enable easier Wi-Fi connectivity to the Heat Pump



(Requires 2.4GHz frequency band)



Cleans the air when you are at home.

Cleans the inside of the Indoor Unit.

Cleans the air when you are away.

INSIDE CLEANING ON DEMAND

## High Efficiency of nanoe™ X Generator

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

5 Effects of nanoe™ X

INHIBITS 3 TYPES OF POLLUTANTS

DEODORIZES

MOISTURIZES

nanoe™ X effectively deodorises & inhibits pollutants in air and on surfaces\*

\* For more details on nanoe™ X test report, you can visit <https://www.panasonic.com/global/hvac/nanoe/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.



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) Inside Cleaning on Demand function is applicable to ClimaPure® XZ series and Multi-Zone series.  
(4) nanoe X air purification function can operate even if the unit is OFF. Please refer to the Operating Instructions manual for details.

By Remote Controller or Comfort Cloud® App:

Turn off the Heat Pump and press the nanoe™ X button for more than 3 seconds to activate Inside Cleaning.

Turn off the Heat Pump and tap the 'Inside Clean' icon in Panasonic Comfort Cloud® App to activate Inside Cleaning.

A day in a life benefiting from nanoe™ air improvement technology.

Public Transport

EAST JAPAN RAILWAY COMPANY Yamanote Line Series E235  
Also adopted in 15 other railways across Japan.

Office

4-way cassette

HITACHI Inspiro the Next Elevators

Automotive

LEXUS  
Adopted in 115 car models (as of August 2024). In addition to Lexus, also adopted by automobile manufacturers such as Toyota, Land Rover, Jaguar, Mitsubishi Motors, Suzuki, Mazda, Honda, and Subaru.

Home

Heat Pump (Indoor Unit)

Air Purifiers

Refrigerators

Washing Machines

Hydroxyl Radicals

Water

nanoe™ X Generator Mark3 Device

USED IN JAPAN FOR 20+ YEARS

nanoe TECHNOLOGY

100 MILLION UNITS

NEW Development of nanoe™ Technology

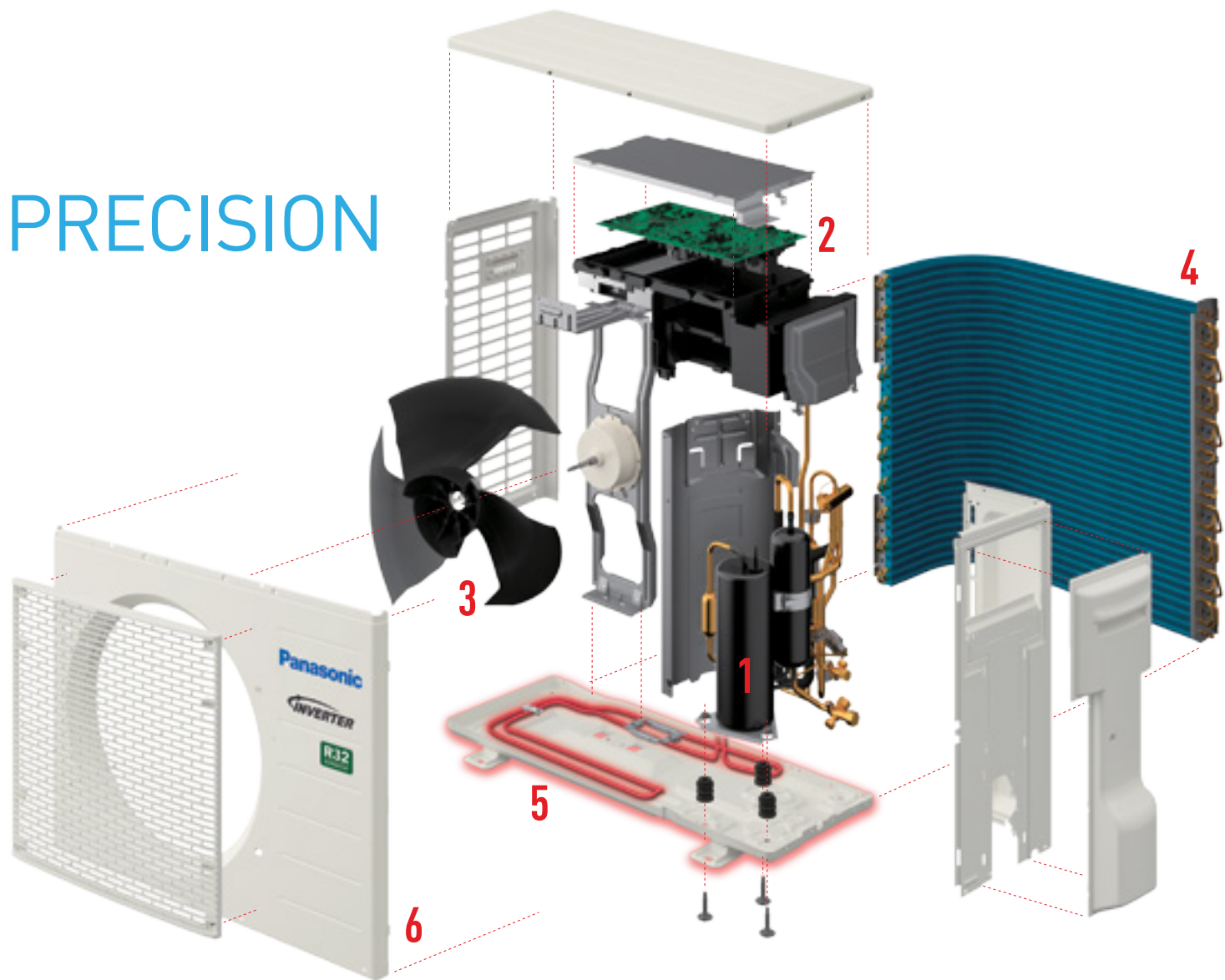
Every new nanoe™ X generator is improved to produce an increased number of hydroxyl radicals contained in water, further ensuring the room can be purified in a shorter time.

	nanoe™	nanoe™ X
Generator	480 billion hydroxyl radicals/sec	<div>Mark1 (previous ClimaPure® XE model)</div> <div>NEW Mark3 (new ClimaPure® XZ model)</div>
Ion Particle Structure	<p>Hydroxyl Radicals</p>	<p>10x times from nanoe™</p> <p>100x times from nanoe™</p>



Rugged design that continues to provide heating even in cold climate of -26°C (-15°F)

# PRECISION



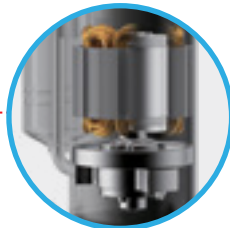
Components arranged in an orderly manner are proof of high-precision and careful finishing. The compressor, which is the heart of the Heat Pump, is wrapped in insulation to provide soundproofing and reduce condensation.



**Room Freeze Protection\***  
Helps prevent plumbing damage due to sub-freezing temperatures. Automatically turns on the compressor for heat pump operation if the room temperature falls below 46°F (7.8°C).

\* Not applicable to Multi-Zone heat pump.

# DURABILITY



**1 High-Efficiency Compressor**  
High-performance compressor with wide power output range operates accurately with less than 1 ampere for precise operation.

**Low Vibration**  
Anti-vibration rubber mounts on the compressor legs absorb impact and improves durability.



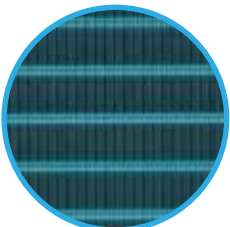
**2 Inverter Technology**  
Advanced drive technology adjusts precise compressor motor rotation. During the start-up phase, the compressor quickly provides powerful, high-speed rotation; during the run phase the compressor smoothly shifts to a low speed rotation for energy savings. This maximizes compressor performance and optimizes high efficient operation.

**Quiet**  
Smooth rotation and low vibration ensure quiet operation and durability.

**Silicone Coating**  
The brains of the Heat Pump, printed circuit board is coated with silicone to prevent malfunction from insulation deterioration.



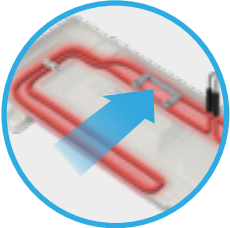
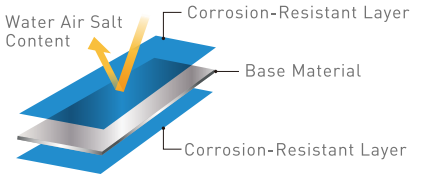
**3 High-Efficiency Blades**  
Frost accumulation on the heat exchanger is frequent in cold climates. The three blade, high static pressure design moves air quietly and evenly even under harsh conditions and provides high-efficiency operation.



**4 Blue Fin Condenser**  
Blue Fin anti-rust coating is applied to each fin. This special coating prevents rust from salt air and moisture from rain and melting snow and assures longer life of the heat exchanger.

**BLUE FIN CONDENSER**

**3 layer structure 3 times longer lasting**  
Note: According to Panasonic test results.



**5 Base Pan Heater/ Multiple Drain Ports**  
A heating element placed around the base pan prevents freezing condensate inside the outdoor unit. Multiple drain holes assist prompt drainage.



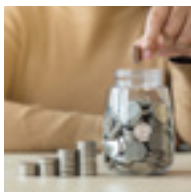
**6 Powder Coated Finish**  
An industrial grade paint used on exterior finishes for guardrails, automobile parts provide corrosion resistance and durability.



# Better Living with Energy-Saving and Efficient Technologies

## Inverter Technology

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



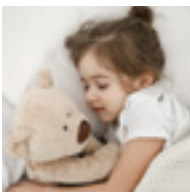
### Greater Energy Savings

Reduce your electricity bills with Inverter Heat Pump compared to non-Inverter Heat Pump.



### Better Comfort

Minimise temperature fluctuation.



### Quiet Operation

Smooth operation and lower noise as low as 19dB(A)\*.

\*19dB(A) is applicable to ClimaPure® XZ (XZ9AKUA and XZ12AKUA) and EXTERIOS Z (Z9AKUA and Z12AKUA).



### Wide Output Range

Balance comfort level depending on the number of occupants in a room.



### Quick Cooling and Heating

Operate with higher cooling/heating power during the start-up period to cool/heat the room faster than non-Inverter models.



UP TO  
**20%\***  
ENERGY SAVING

## 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.



## Benefits of Panasonic Heat Pump with Humidity Sensor + Dry Mode



**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 + Dry Mode

Dry Mode operates together with built-in Humidity Sensor, helping the Heat Pump 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.



### When Do You Need It?

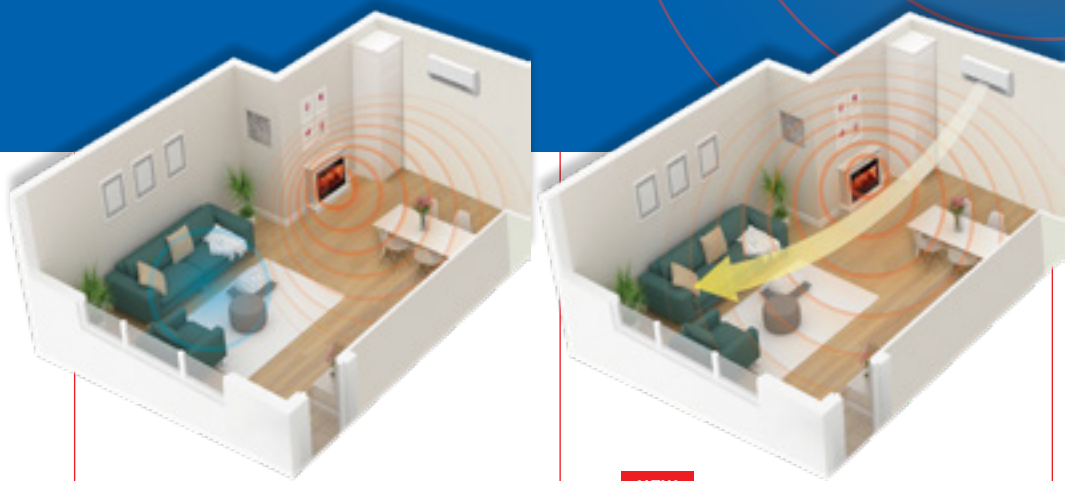


- High humidity but room temperature isn't hot
- Rainy weather where there is damp smell in the room
- Living in an area with high humidity

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

# Fireplace Function\*

## Advantages of Fireplace Function



### CONVENTIONAL

When Set Temperature is reached, the compressor turns off and the fan stops.

#### Concerns

- Warm air stays only near the fireplace
- Temperature differences occur
- Heating efficiency is poor

VS

NEW

### FIREPLACE FUNCTION

Fireplace Function uses the fan to circulate air when the temperature is stable.

#### Improvements

- Circulates warm air throughout the space
- Uniform temperature
- Increase heating efficiency

## How does Fireplace Function Work?



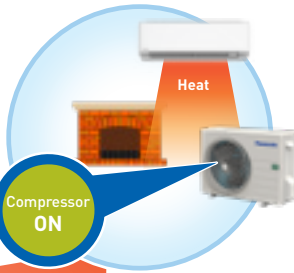
Heating operation at start-up.



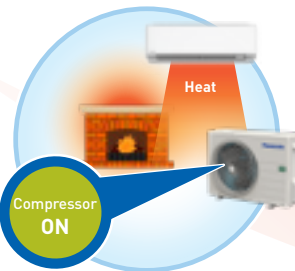
Fireplace Function uses the fan to circulate air when the temperature is stable.



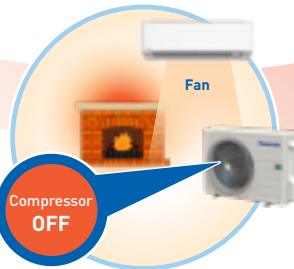
When the indoor temperature becomes lower than the set temperature, it switches to heating mode.



Automatically switches to fan mode when temperature is stable.



Circulate warm air from the fireplace throughout the space.



Circulate warm air from the fireplace throughout the space.

\* Not applicable to Multi-Zone heat pump.



# Single Zone Heat Pumps



## Indoor Unit

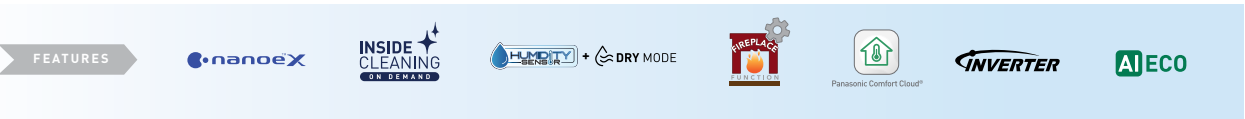
ClimaPure® **XZ**



CS-XZ9AKUAW  
CS-XZ12AKUAW  
CS-XZ15AKUAW



CS-XZ18AKUAW  
CS-XZ24AKUAW



EXTERIOS **Z**



CS-Z9AKUAW  
CS-Z12AKUAW  
CS-Z15AKUAW



CS-Z18AKUAW  
CS-Z24AKUAW



## Outdoor Unit



CU-XZ9AKUAC  
CU-XZ12AKUAC



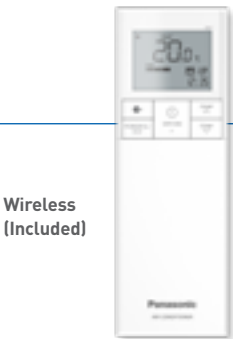
CU-XZ15AKUAC



CU-XZ18AKUAC  
CU-XZ24AKUAC



## Remote Controllers



Wireless  
(Included)



Wired  
(Optional)

CZ-RD517C

MODEL	MODEL Number		XZ9AKUA / Z9AKUA			XZ12AKUA / Z12AKUA			XZ15AKUA / Z15AKUA			XZ18AKUA / Z18AKUA			XZ24AKUA / Z24AKUA		
	INDOOR UNIT	ClimaPure XZ	CS-XZ9AKUAW			CS-XZ12AKUAW			CS-XZ15AKUAW			CS-XZ18AKUAW			CS-XZ24AKUAW		
		EXTERIOS Z	CS-Z9AKUAW			CS-Z12AKUAW			CS-Z15AKUAW			CS-Z18AKUAW			CS-Z24AKUAW		
	OUTDOOR UNIT		CU-XZ9AKUAC			CU-XZ12AKUAC			CU-XZ15AKUAC			CU-XZ18AKUAC			CU-XZ24AKUAC		
Power Supply	V, Phase, Hz		230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz		
			MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX
Cooling	Capacity	Btu/h	2900	8700	12600	2900	11500	16100	3300	14700	19300	6100	17200	22200	6100	24000	27200
	Input Power	W	170	530	890	170	800	1200	240	1100	1900	440	1260	1660	440	2040	2450
	EER/EER2	Btu/hW	17.05	16.40	14.15	17.05	14.35	13.40	13.75	13.35	10.15	13.85	13.65	13.35	13.85	11.75	11.10
Heating	Capacity	Btu/h	3200	10900	19900	3200	12000	23600	3300	17200	25200	6800	20400	30400	6800	28800	37200
	Input Power	W	160	670	1780	160	790	1900	200	1230	2400	400	1540	2600	400	2500	3000
	COP	W/W	5.94	4.79	3.29	5.94	4.44	3.63	4.90	4.10	3.08	5.00	3.88	3.42	5.00	3.38	3.63
Noise Indoor	Cooling	dB-A (H/L/Q-Lo)	42	25	19	44	28	19	45	37	30	46	37	33	49	40	34
	Heating	dB-A (H/L/Q-Lo)	42	29	19	44	35	19	46	37	30	46	37	34	49	40	34
Noise Outdoor	Cooling	dB-A (H)	47			48			50			50			53		
	Heating	dB-A (H)	48			49			50			52			54		
Max Current / Max Input Power		A / W	7.8 / 1780			8.9 / 1900			10.3 / 2400			11.3 / 2600			13.6 / 3130		
Starting Current / Compressor Output		A / W	3.4 / 900			4 / 900			6 / 900			7.6 / 1500			12.3 / 1500		
Min Circuit Ampacity		A	15			15			15			15			20		
Max Overcurrent Protection		A	15			20			20			20			30		
SEER2			27.5			25			22.4			22			20.50		
HSPF2		Region IV	12			11.7			12			11.7			11		
HSPF2		Region V	9.2			8.9			8.9			8.8			8.3		
ENERGY STAR® Certified			YES			YES			YES			YES			YES		
NEEP			YES			YES			YES			YES			YES		
Indoor Air Flow	Cooling	CFM	410			430			450			610			685		
	Heating	CFM	435			460			495			630			695		
Outdoor Air Flow	Cooling	CFM	1185			1215			1405			1855			2030		
	Heating	CFM	1155			1215			1405			1675			1855		
Operation Condition	Cooling	DBT	-17.8°C to 46.0°C / -0.04°F to 114.8°F														
	Heating	DBT	-26.0°C to 24.0°C / -14.8°F to 75.2°F														
Refrigerant Type			R32			R32			R32			R32			R32		
Refrigerant Amount		oz	31.8			31.8			39.9			52.6			52.6		
Refrigerant Piping	Type		Flare			Flare			Flare			Flare			Flare		
	Diameter	in (Liquid/Gas)	1/4 / 3/8			1/4 / 3/8			1/4 / 1/2			1/4 / 1/2			1/4 / 5/8		
	Standard Length	ft	24.6			24.6			24.6			24.6			24.6		
	Length Min - Max	ft	9.8 - 65.6			9.8 - 65.6			9.8 - 65.6			9.8 - 100.0			9.8 - 100.0		
Indoor Unit & Outdoor Unit Height Difference		ft	49.2			49.2			49.2			65.6			65.6		
Additional Gas Amount		oz/ft	0.1			0.1			0.2			0.3			0.3		
Unit Dimensions	Indoor	in (H/W/D)	11-5/8	34-9/32	9-1/32	11-5/8	34-9/32	9-1/32	11-5/8	34-9/32	9-1/32	11-5/8	40-31/32	9-5/8	11-5/8	40-31/32	9-5/8
	Outdoor	in (H/W/D)	24-1/2	32-15/32	11-25/32	24-1/2	32-15/32	11-25/32	27-5/8	34-15/32	12-5/8	31-5/16	34-15/32	12-5/8	31-5/16	34-15/32	12-5/8
Unit Weight	Indoor	lb	24			24			24			31			31		
	Outdoor	lb	79			79			93			110			110		
Carton Dimensions	Indoor	in (H/W/D)	11-5/32	37-1/2	14-3/4	11-5/32	37-1/2	14-3/4	11-5/32	37-1/2	14-3/4	12-3/8	45-7/32	15-3/32	12-3/8	45-7/32	15-3/32
	Outdoor	in (H/W/D)	26-25/32	37-23/32	16-13/32	26-25/32	37-23/32	16-13/32	30-7/32	41-5/16	18-1/8	34-25/32	41-5/16	19-1/8	34-25/32	41-5/16	19-1/8
Carton Weight	Indoor	lb	29			29			29			35			35		
	Outdoor	lb	86			86			101			123			123		

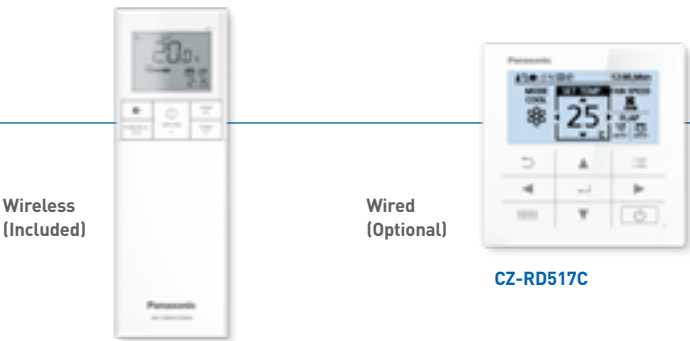
\*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.



# Multi-Zone Heat Pumps



## Remote Controllers



## Indoor Unit



CS-MXZ5AKUA  
CS-MXZ7AKUA

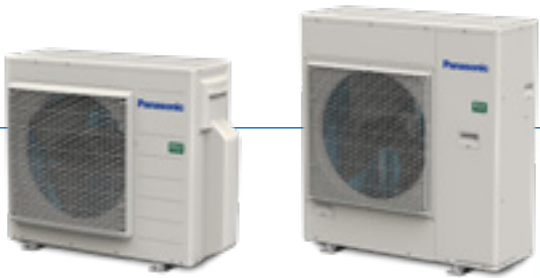
### FEATURES



INDOOR UNIT Model Number			CS-MXZ5AKUA			CS-MXZ7AKUA		
Power Supply V, Phase, Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz		
			MIN	RATED	MAX	MIN	RATED	MAX
Cooling	Capacity	Btu/h	4400	5500	7800	6100	6900	8500
	Input Power	W	250	350	470	340	400	520
	EER/EER2	Btu/hW	17.60	15.70	16.60	17.95	17.25	16.35
Heating	Capacity	Btu/h	4100	8900	10900	4100	10900	14000
	Input Power	W	300	640	910	300	810	1160
	COP	W/W	4.00	4.08	3.52	4.00	3.96	3.53
Noise	Cooling	dB-A (H/L/Q-Lo)	42	27	21	43	27	21
	Heating	dB-A (H/L/Q-Lo)	42	31	21	43	31	21
Air Flow	Cooling	CFM	405			415		
	Heating	CFM	405			415		
Operation Condition	Cooling	DBT	16°C to 32°C / 60.8°F to 89.6°F					
	Heating	DBT	16°C to 30°C / 60.8°F to 86.0°F					
Refrigerant Piping	Type		Flared			Flared		
	Diameter	in (Liquid/Gas)	1/4 / 3/8			1/4 / 3/8		
Unit Dimensions		in (H/W/D)	11-5/8	34-9/32	9-1/32	11-5/8	34-9/32	9-1/32
Unit Weight		lb	22			22		
Carton Dimensions		in (H/W/D)	11-5/32	37-1/2	14-3/4	11-5/32	37-1/2	14-3/4
Carton Weight		lb	26			26		

\* ClimaPure® XZ and EXTERIOS Z indoor units can also be used in multi-zone systems.  
Please refer to the combination chart on page 16 for details.

## Outdoor Unit



CU-2Z18ABUC  
CU-3Z22ABUC

CU-4Z24BBUC  
CU-5Z36BBUC

### FEATURES



OUTDOOR UNIT Model Number			CU-2Z18ABUC			CU-3Z22ABUC			CU-4Z24BBUC			CU-5Z36BBUC		
Standard Indoor Units*			CS-XZ9AKUAW x2			CS-MXZ7AKUA x3			CS-MXZ5AKUA x2 CS-MXZ7AKUA x2			CS-XZ9AKUAW x1 CS-MXZ7AKUA x4		
Power Supply V, Phase, Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz			230/208V, 1PH, 60Hz		
			MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX
Cooling	Capacity	Btu/h	7200	18000	25600	7200	22000	30000	10200	24000	31400	9900	36000	39000
	Input Power	W	360	1200	2000	380	1720	2420	530	1780	2810	550	3050	3550
	EER2	Btu/hW	20.00	15.00	12.80	18.95	12.75	12.40	19.25	13.45	11.15	18.00	11.80	11.00
Heating	Capacity	Btu/h	5800	22000	29800	5500	26000	34200	8500	32000	48500	8500	36000	49500
	Input Power	W	320	1660	2480	320	1760	2780	500	2180	4380	500	2730	4240
	COP	W/W	5.31	3.88	3.53	5.00	4.34	3.60	4.96	4.30	3.24	4.96	3.85	3.40
Noise	Cooling	dB-A (H/Q-Lo)	48 / 43			50 / 45			55 / 50			55 / 50		
	Heating	dB-A (H/Q-Lo)	50 / 45			52 / 47			55 / 50			55 / 50		
Max Current / Max Input Power		A / W	15.6 / 3590			15.9 / 3660			21.3 / 4750			21.7 / 4840		
Starting Current / Compressor Output		A / W	8.2 / 1500			8.6 / 1500			11.8 / 1700			15.4 / 1700		
Min Circuit Ampacity		A	20			25			30			30		
Max Overcurrent Protection		A	30			30			45			45		
Capacity Range		kW	3.2 - 7.7			4.5 - 9.5			4.5 - 13.6			4.5 - 17.5		
SEER2			22.5			24.5			24.0			22.0		
HSPF2	Region IV		12.5			10.7			11.4			10.3		
HSPF2	Region V		10.0			8.7			8.7			7.5		
ENERGY STAR® Certified			YES			YES			YES			YES		
NEEP			YES			YES			YES			YES		
Air Flow	Cooling	CFM	1567			1630			2697			2697		
	Heating	CFM	1567			1630			2330			2475		
Operation Condition	Cooling	DBT	-10°C to 46°C / 14.0°F to 114.8°F											
	Heating	DBT	-26.11°C to 24°C / -15.0°F to 75.2°F											
Refrigerant Type			R32			R32			R32			R32		
Refrigerant Amount		oz	67.8			85.4			110.1			110.1		
Refrigerant Piping	Type		Flared			Flared			Flared			Flared		
	Diameter	in (Liquid/Gas)	1/4 / 3/8			1/4 / 3/8			1/4 / 3/8			1/4 / 3/8		
	Standard Length	ft	24.6			24.6			24.6			24.6		
	Length Min - Max (1 Room)	ft	9.8 - 82.0			9.8 - 82.0			9.8 - 82.0			9.8 - 82.0		
	Max Length (Total Rooms)	ft	164			196.8			229.6			262.4		
Indoor & Outdoor Unit Height Difference		ft	49.2			49.2			49.2			49.2		
Additional Gas Amount		oz/ft	0.2			0.2			0.2			0.2		
Unit Dimensions		in (H/W/D)	31-5/16	34-15/32 + (3-3/4)**	12-5/8	31-5/16	34-15/32 + (3-3/4)**	12-5/8	39-11/32	37-1/32	13-13/32	39-11/32	37-1/32	13-13/32
Unit Weight		lb	128			137			179			179		
Carton Dimensions		in (H/W/D)	35-7/32	41-5/16	19-1/8	35-7/32	41-5/16	19-1/8	44-3/4	42-5/16	19-29/32	44-3/4	42-5/16	19-29/32
Carton Weight		lb	141			150			194			194		

\* Specs shown are for when the indicated Outdoor Unit is connected with the Standard Indoor Units. For other applicable combination of Indoor Units, please refer to the combination charts on page 16.  
\*\* + (3-3/4) inches is the width including the control board cover



## Multi-Zone Combination Chart



Understanding total System Capacity is an important step in sizing and selecting heat pump equipment.

CONNECTABLE INDOOR UNIT		OUTDOOR UNIT													
		2 Rooms		3 Rooms			4 Rooms				5 Rooms				
		CU-2Z18ABUC		CU-3Z22ABUC			CU-4Z24BBUC				CU-5Z36BBUC				
Capacity	Type	Room A	Room B	Room A	Room B	Room C	Room A	Room B	Room C	Room D	Room A	Room B	Room C	Room D	Room E
1.6 kW	CS-MX25AKUA	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2.0 kW	CS-MX27AKUA	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2.5 kW	CS-Z9AKUAW CS-XZ9AKUAW	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3.5 kW	CS-Z12AKUAW CS-XZ12AKUAW	●	●	●	●		●	●	●		●	●	●	●	●
4.2 kW	CS-Z15AKUAW CS-XZ15AKUAW	●		●	●		●	●	●		●	●	●	●	
5.0 kW	CS-Z18AKUAW CS-XZ18AKUAW	●		●			●	●			●	●	●		
7.0 kW	CS-Z24AKUAW CS-XZ24AKUAW						●				●	●			
Capacity range of connectable indoor units		From 3.2 kW to 7.7 kW		From 4.5 kW to 9.5 kW			From 4.5 kW to 13.6 kW				From 4.5 kW to 17.5 kW				

1. At least 2 indoor units must be connected. Can connect:
  - 2 indoor units with CU-2Z18ABUC
  - 2-3 indoor units with CU-3Z22ABUC
  - 2-4 indoor units with CU-4Z24BBUC
  - 2-5 indoor units with CU-5Z36BBUC
2. Select the indoor units so that the total capacity [kW] falls within the specified range at the bottom of the chart.



## NOTES

[illegible]



# breathe well

The Only Complete Air Quality Solution™

Panasonic

Clean  
Comfort  
Fresh

## COLD CLIMATE WALL-MOUNTED HEAT PUMP

offers low ambient heating operation down to -26°C (-15°F). The ClimaPure® XE models are equipped with built-in air and surface purification technology that reduces pollutants and odours for fresher indoor air.

## SWIDGET SMART OUTLET WITH WI-FI CONTROL + AIR QUALITY SENSOR

wirelessly communicates temperature, humidity, air pressure and total volatile organic compounds which are used to calculate air quality and CO<sub>2</sub> levels. Set rules and receive notifications when your air quality declines.

**INTERIOS™ CENTRAL HEAT PUMPS** are centrally ducted, whole-home heating and cooling systems available in all-electric and hybrid-heating models. Cold Climate capabilities allow these systems to heat down to -30°C (-22°F). The Air Handling Unit adapts to existing ductwork design and intelligently monitors pressure changes inside the ductwork to ensure constant and optimal airflow.

## WHISPERAIR REPAIR®

Ceiling Mount nano™ X Generator inhibits contaminants with silent operation. With a compact design, it deodorizes air and hydrates skin and hair.

## VENTILATION FAN

with built-in Pick-A-Flow® speed selector switch allows you to select your required airflow. Features a DC Motor with SmartFlow® technology and a Flex-Z fast installation bracket.

## INVERTER HEAT PUMP OUTDOOR UNIT

is capable of delivering heating and cooling to a single or multiple zones, providing excellent levels of comfort and operational efficiency.

**MULTI-ZONE WALL-MOUNTED A/C** allows you to control the temperature independently in multiple areas around the home, providing optimal year-round comfort along with the reduced energy consumption.

## ENERGY RECOVERY VENTILATOR (ERV)

is a ceiling, floor or wall mount unit that's ideal for meeting your ventilation needs. The multi-speed selector provides customizable supply and exhaust airflow to create balanced, positive or negative pressure within your space.

## SWIDGET SMART SWITCH WITH WI-FI CONTROL + TEMPERATURE, HUMIDITY AND MOTION SENSOR

wirelessly communicates temperature, humidity, and motion. Installed in your bathroom you can set it to automatically turn on the fan when the humidity increases during a shower or turn the lights off when the bathroom becomes vacant.

### LEGEND

- OA Outside Air
- EA Exhaust Air
- SA Supply Air
- RA Return Air
- S Swidget Smart Controls



Learn more!

