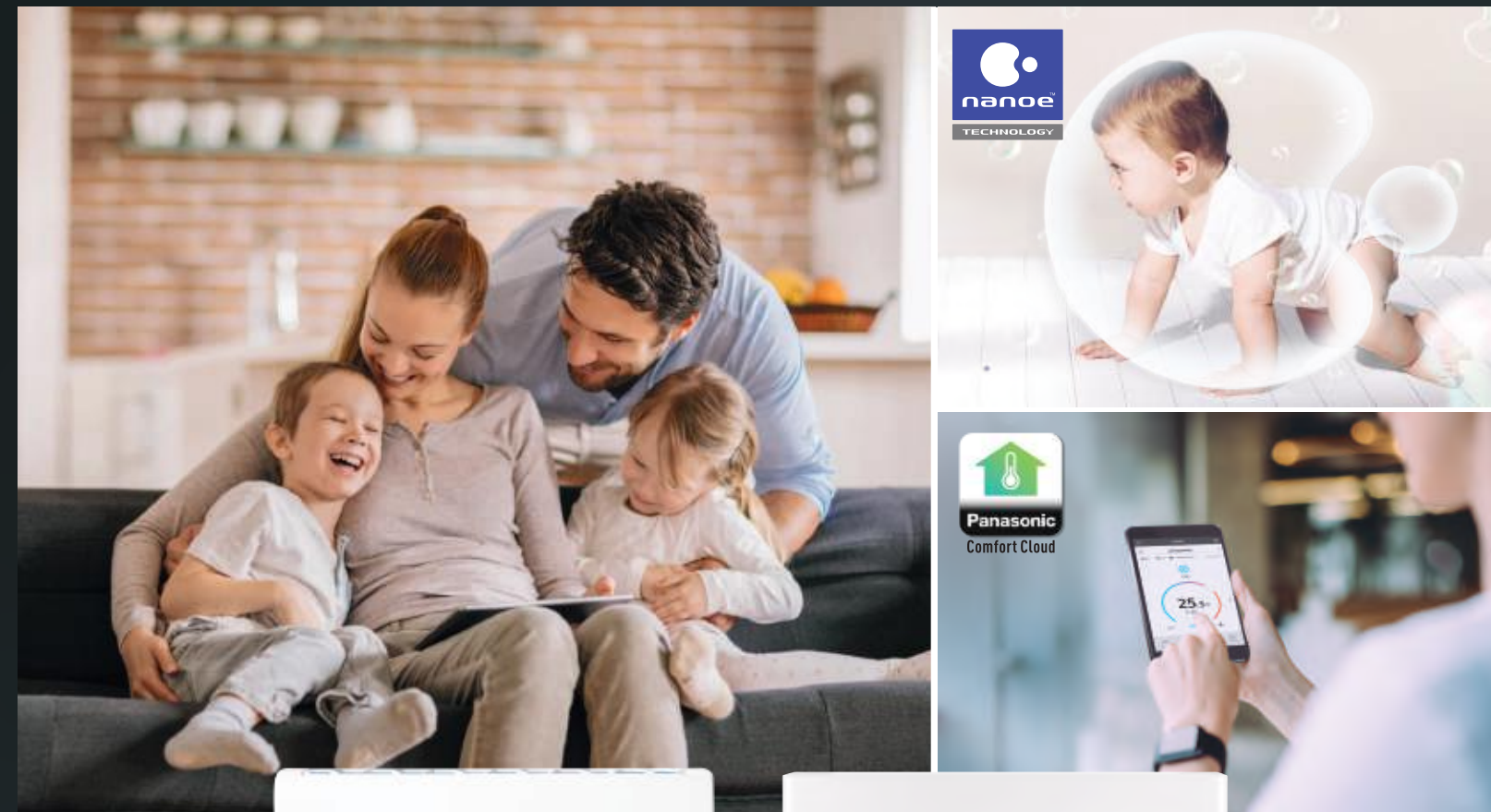
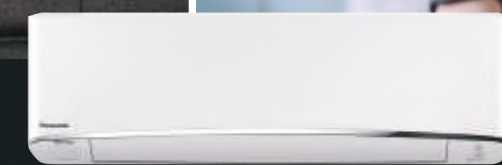


RESIDENTIAL AIR CONDITIONERS 2019 / 2020

Panasonic



PREMIUM INVERTER



DELUXE INVERTER

- 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 December 2018.
- Due to printing considerations, the actual colours may vary slightly from those shown.
- All graphics are provided merely for the purpose of illustrating a point.



Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

Authorised Dealer

Panasonic Singapore Customer Care Centre

202 Bedok South Avenue 1, Block A
Singapore 469332
Tel : +65 6222 7222
Email : service@sg.panasonic.com
Website : www.panasonic.com.sg

www.facebook.com/sgpanasonic



Panasonic Global Air Conditioner

Global Site : aircon.panasonic.com
PROclub : panasonicproclub.global
 [airconpanasonicglobal](https://www.youtube.com/airconpanasonicglobal)

AC-SG-C-19

| AEROWINGS |

QUALITY AIR FOR LIFE

Complete Your Air Complete Your Life



To stay healthy, we take great care of what we eat and drink.

Yet, air is what our body consumes the most. In today's fast paced lifestyles, it is getting more challenging to keep the air we breathe in fresh and clean.

As part of our commitment in bringing you Quality Air For Life, with experience in innovation for over 100 years, Panasonic now introduces a full range of Air Design Solutions consisting of 4 vital categories – Complete Air Solutions.

Find out how we can complete your life by ensuring we complete your air.

Panasonic's 4 categories of Air Design Solutions are:



Complete Air Conditioning



Complete Air Purification



Complete Air Connectivity



Complete Air Ventilation

INDEX

02 - 03

Complete Air Concept

04 - 05

Indoor Air Quality Issues

06 - 07

Complete Air Solutions for Homes

08 - 09

Complete Air for Living Room + Dining Room

10 - 11

Complete Air for Bedroom

12 - 13

Complete Air for Study Room

14 - 17

Complete Air Purification

24 hrs Home Purification with nanoe™ Technology
nanoe™ Technology Efficiency

18 - 19

Complete Air Connectivity

Wireless LAN Remote Control
for Internet Connection

20 - 21

Complete Air Efficiency

Inverter / ECONAVI

22 - 25

Premium Inverter

Deluxe Inverter

Standard Inverter

26 - 55

Product Line-Up

Technical Explanation

Features Comparison

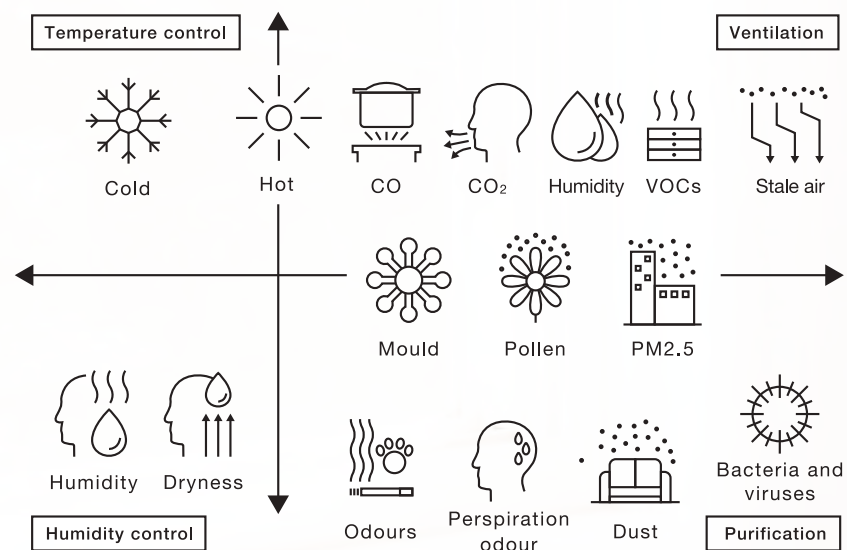
Features Explanation

Model Line-Up

Awareness of Indoor Air Quality Issues

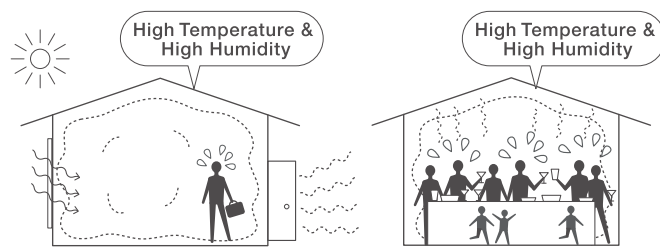
Clean air is essential to healthy living. We spend more time indoors, making indoor air quality a more serious issue than we realise.

Invisible issues with indoor air environments



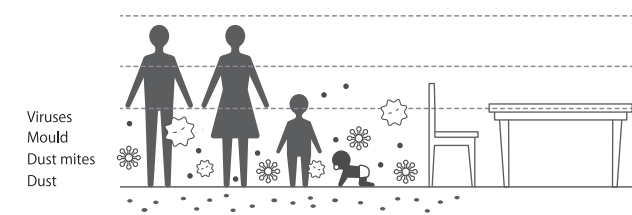
Living Room

Do you experience hot stagnated air when you reach home?
Do you feel uncomfortable in a living room full of people when you're having a party?



Hot air tends to stagnate in closed spaces. People contribute to the increase in temperature and humidity.

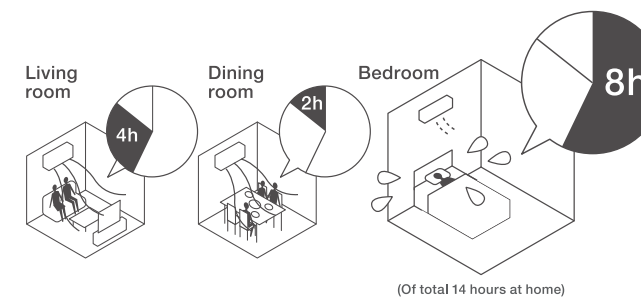
Does the difference in height between children and adults make a difference in their health?



All day long, children breathe closer to the floor and furniture.

Bedroom

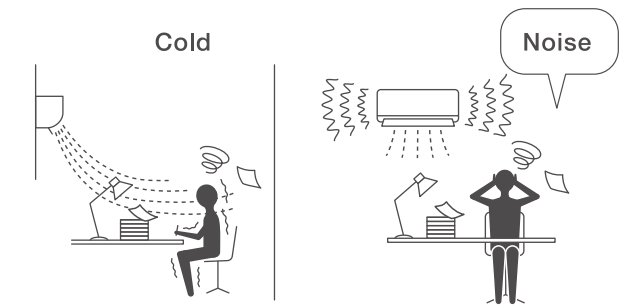
On average, which room do people spend the most time at home?



Most of us spend 8 hours a day sleeping in the bedroom to wake up refreshed the next day.

Study Room

Do your children have trouble focusing on their studies in their room?

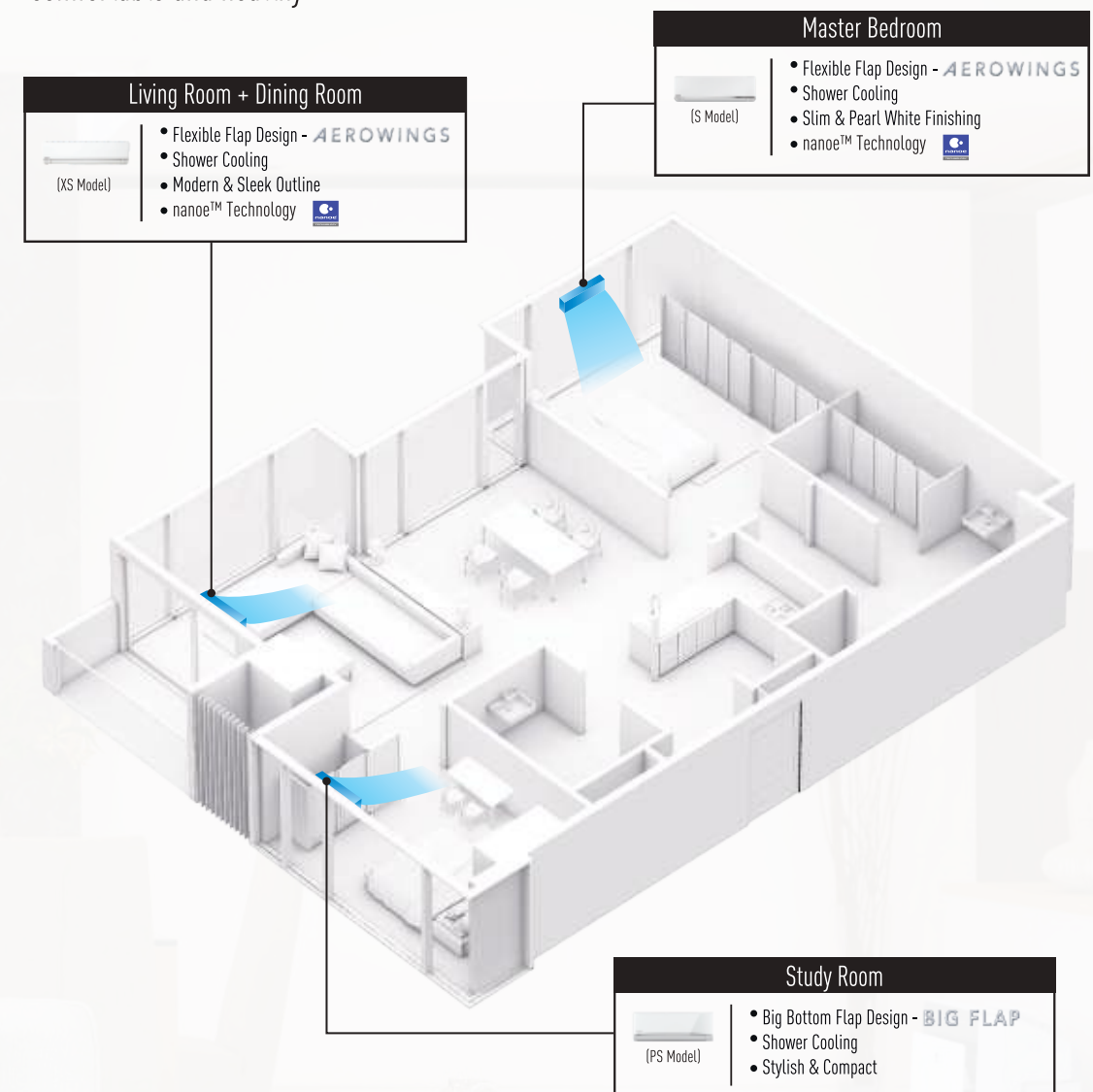


Concentration is disrupted by loud operating noises and they may feel colder in smaller rooms.

Complete Air Solutions for Homes

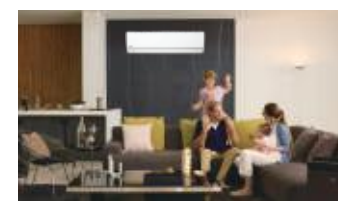


The Complete Air Solutions can be applied to different rooms in your home, each for different purposes, turning your living space into the one that keeps you and your family comfortable and healthy.



Panasonic Air Design Technology is designed to provide complete air that helps people live more comfortably. We are introducing a full range of Air Design Solutions for air that is optimised for diverse lifestyles and various occasions in mind.

Complete Your Air. Complete Your Home.



Living Room



Master Bedroom



Study Room

Quality time in the heart of the home



Installation

Living Room + Dining Room

3.0HP PREMIUM INVERTER Single Split Type (XS Model)	nanoe TECHNOLOGY AEROWINGS INVERTER (Optional)
3.0HP DELUXE INVERTER Single Split Type (S Model)	nanoe TECHNOLOGY AEROWINGS INVERTER (Optional)

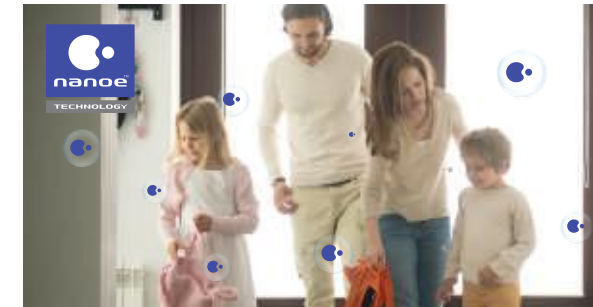


Stuffy and contaminated social space

- Feeling uncomfortable in a crowded living room with guests often bringing in dust from the outside.

Complete Air for Living Room + Dining Room

Air Purification



Clean air

- Removes dust particles (PM2.5) brought in by guests.

Air Flow



Powerful and direct cooling for social occasions

- Powerful cooling at start up to cool everyone instantly.



Gentle and even cooling when there are less occupants

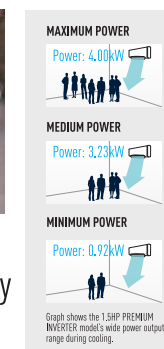
- Enjoy even cooling when there are less occupants in the room after reaching set temperature.

Air Efficiency



Wide power output range to meet different room occupancy

- Wide power output range from 0.92kW to 4.00kW ensures constant comfort.



Automatically adjusts temperature with precise temperature control

- Inverter varies the rotation speed of the compressor, providing a precise method of maintaining the set temperature.

Air Connectivity*



Keep loved ones comfortable when you are away from home

- Care for your indoor occupants and remotely control temperature while you are away.



Easily pre-cool and monitor room temperature from anywhere

- Pre-cool your space remotely and monitor real time temperature.

*Wireless LAN Remote Control for Internet Connection (optional network adaptor) applicable to Single-Split Models (PREMIUM INVERTER and DELUXE INVERTER) and Multi-Split Models (WALL MOUNTED and SLIM DUCTED).

Enjoy restful sleep
and wake up refreshed



Installation

Master Bedroom	Kid's Room
<p>1.5HP DELUXE INVERTER Single Split Type (S Model)</p>	<p>1.0HP PREMIUM INVERTER Single Split Type (XS Model)</p>



Polluted air in your comfort zone
• Harmful dust particles (PM2.5) in the room may cause difficulty in sleeping.

Complete Air for Bedroom

Air Purification



Sleep with clean air
• Sleep well in a room that is always clean from dust particles (PM2.5) in the air.

Air Flow



A healthier way to enjoy cooling comfort
• Healthy airflow in the bedroom where you spend most of your time resting.

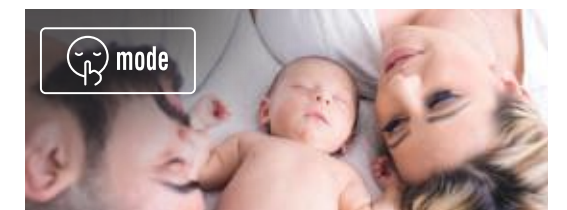


Deep rejuvenating sleep
• All-around cooling with stable temperature prevents overcooling for a deep sleep.

Air Efficiency



Comfortable sleep with stable temperature
• Enjoy consistent cooling comfort with minimal temperature fluctuations.



Uninterrupted sleep with quiet operation
• Reduces noise of the air conditioning unit during operation while adjusting capacity.

Air Connectivity*



Wake up at a comfortable temperature
• Automatically turn off AC or set ideal temperature using Timer Setting.



Switch On/Off all air conditioners at once
• Remotely switch on/off your air conditioning units at different rooms simultaneously before you go to bed.

*Wireless LAN Remote Control for Internet Connection (optional network adaptor) applicable to Single-Split Models (PREMIUM INVERTER and DELUXE INVERTER) and Multi-Split Models (WALL MOUNTED and SLIM DUCTED)

Focus better to achieve more



Air Purification*

Complete Air for Study Room



Cleaner and fresher air with dust removal (PM2.5)
 • Removes dust particle as small as PM2.5 in the air to provide fresh air.

*Applicable for selected models with nano-e-G function.

Air Flow



Comfortable environment for learning
 • Cool air showers down gently and evenly across the room prevents overcooling for better concentration.



Dry Mode keeps book storage dry
 • Switch on 'Dry Mode' to control humidity.

Air Efficiency



Better focus with stable temperature
 • Minimal temperature fluctuations for optimum comfort so you can always stay productive.



Quiet Mode reduces distractions
 • Cool and peaceful study room atmosphere with low noise levels.

Installation

Study Room

1.0HP DELUXE INVERTER Single Split Type (S Model)	
1.5HP STANDARD INVERTER Single Split Type (PS Model)	



Poor air quality causes lack of focus
 • Uncomfortable study environment causes you to feel lethargic and unproductive.

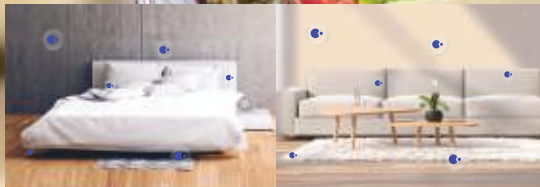
Complete Air Purification Purifies Your Air Wherever You Are



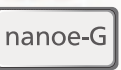
Only at 25W/Hour* 
 Low energy consumption with fan mode 25W per hour for a single unit.



 Purifies Home
24 hrs



Return to a fresh home every time

 Leave nanoe-G mode ON to remove dust particles (PM2.5) and in filter deactivation.



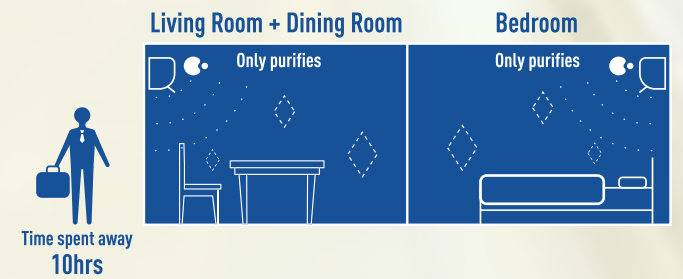
Cleaner and comfortable space for loved ones

Takes care of the air so you can enjoy more quality family time and restful sleep in your living space.

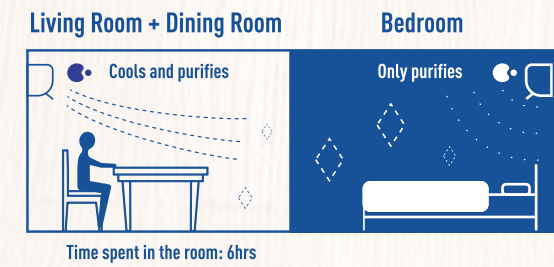
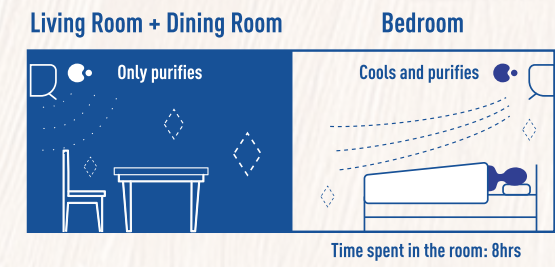
Purifies When You Are Away



- Step 1: Turn OFF air conditioner
- Step 2: Turn ON nanoe-G mode



Purifies When You Are At Home



*1 Energy consumption may vary depending on models.



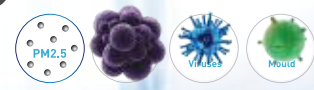
Complete Air Purification

nanoe-G

Live in A Breath of Clean Air

nanoe-G air purification system removes microorganisms and dust particles as small as PM2.5 from the air by trapping them in the filter for deactivation. Purify your living environment for better breathing.

1 AIRBORNE



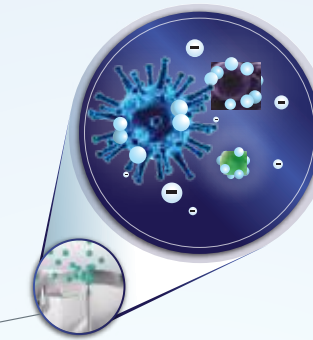
2 IN-FILTER DEACTIVATION



3 trillion* nano-G negative ions released from the generator.

Remark:
* 3 trillion is the simulated number of nano-G negative ions under the mentioned conditions. Actual measured nano-G negative ions at the centre of the room (13m³): 100k/cc calculated number of nano-G negative ions in the entire room assuming they are evenly distributed.

Natural Ion Wind spreads nano-G negative ions that are released from the nano-G generator.



nanoe-G generator produces 3 trillion negative ions from the atomised electrode. Then, natural ion wind spreads the negative ions that are released from the nano-G generator to attach to airborne dust particles.

How nanoe-G Is Generated



nanoe-G generator releases 3 trillion nano-G negative ions.



nanoe-G negative ions spread to the filter using natural ion wind.

1 REMOVES AIRBORNE DUST PARTICLES (Up To 99%*1 *2)

Removes airborne dust particles down to PM2.5.

*1 & *2 Please refer to Pg 48-49

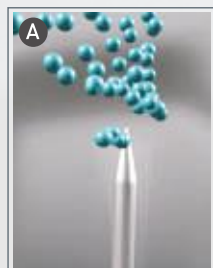


2 IN-FILTER DEACTIVATION (Up to 99%*3)

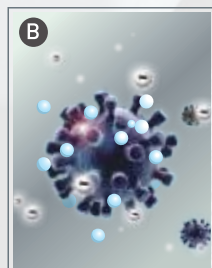
Deactivates bacteria and viruses trapped in the filter.

*3 Please refer to Pg51

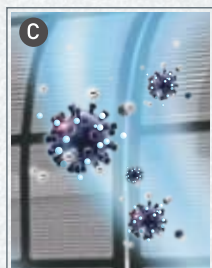
How nanoe-G Removes Dust Particles (PM2.5)



nanoe-G ion generator releases negative ions.



Negative ions attach to dust particles.



These particles are being carried back to the air filter.



Deactivates 99% bacteria and viruses trapped in the filter.

*Applicable to PREMIUM INVERTER and DELUXE INVERTER

Complete Air Connectivity

Convenient Centralised Solutions



The **Panasonic Comfort Cloud Application** enables you to conveniently manage and monitor multiple AC units for homes from just 1 mobile device.

Remotely Control Air Conditioners for **Home Usage**



The Smarter Way to Bring Convenience to Your Living Space



Living Room



Bedroom



Study Room

and Businesses



KTVs



Spa



Tuition Centre



Restaurants

Smartify Your Air

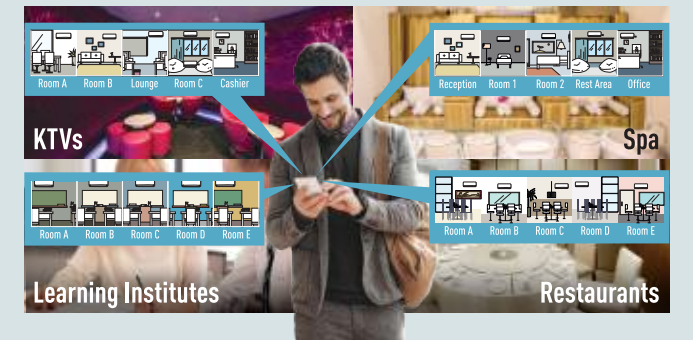
Applicable for Residential Properties and Premises

Smart Control

Controls Multiple AC Units in 1 Location

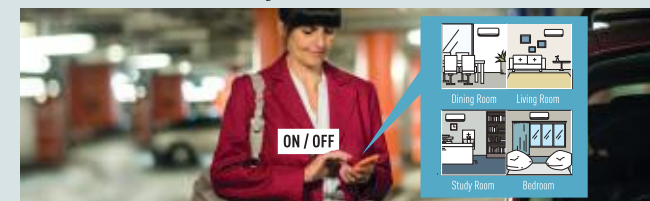


Controls Multiple Units in Multiple Locations

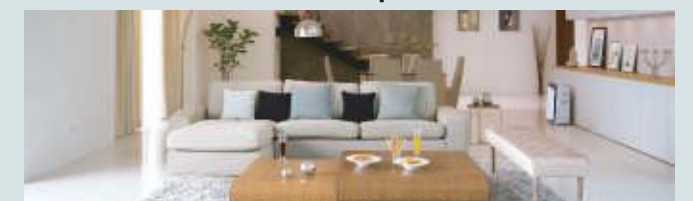


Smart Comfort

Remotely Access AC Features

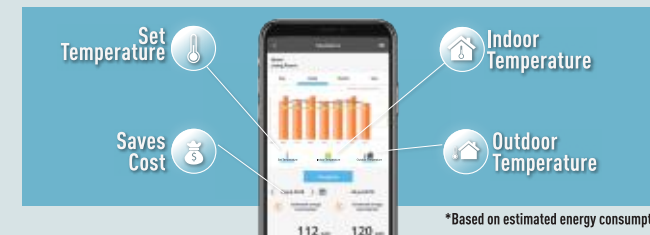


Pre-cool Spaces

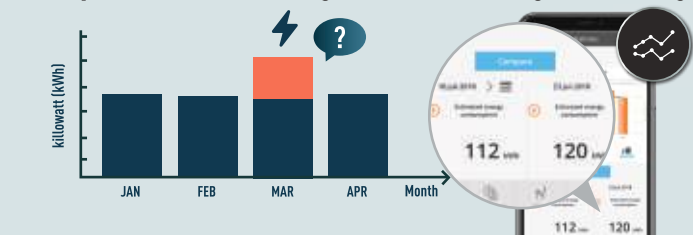


Smart Efficiency

Analyse Energy Usage Patterns

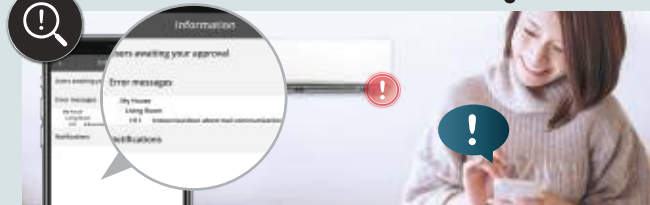


Compare Historical Usage for Better Budget Planning



Smart Assist

Effortless Troubleshooting



Assign Other Users While You Are Away



Compatible Device and Browsers

- iOS 9.0 or above
- Android 4.4 or above



Please note: This is not a definitive list of all compatible devices, other similar devices which use supported Operating Systems should also work either via dedicated Apps. Please note that user experience may vary slightly depending on hardware and software combination.

*Wireless LAN Remote Control for Internet Connection (optional network adaptor) applicable to Single-Split Models (PREMIUM INVERTER and DELUXE INVERTER) and Multi-Split Models (WALL MOUNTED and SLIM DUCTED).
*Functionality may vary depending on models.

Complete Air Efficiency PANASONIC TECHNOLOGY

Eco-friendly Technologies

Make smarter, greener choices with energy saving technologies for sustainable living

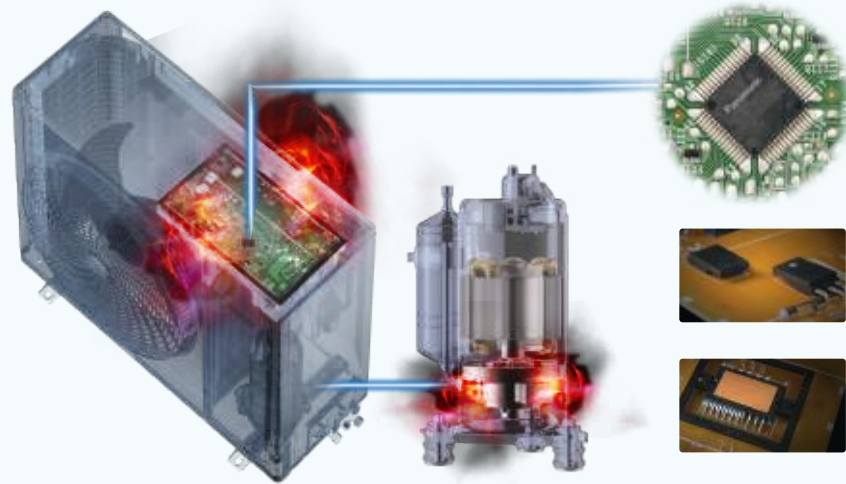
INVERTER

INTELLIGENT ECO SENSORS
ECONAVI

Inverter Technology

Energy Saving and Precise Temperature Control

Panasonic's INVERTER reduces power consumption by varying the speed of the compressor according to the temperature changes with the aim of minimising the temperature fluctuations so you can enjoy consistent cooling comfort.



The "BRAIN" of the Inverter - The Micro Computer

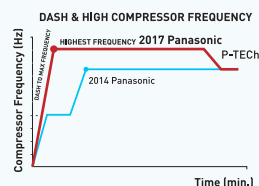
Determines the most suitable operation mode as time passes and automatically adjusts power output for maximum comfort.

PAM (Pulse Amplitude Modulation)

Increases compressor voltage rapidly to provide powerful cooling to reach the set temperature fast at start up.

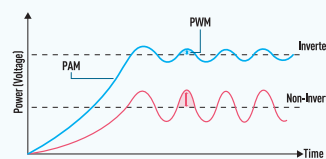
PWM (Pulse Width Modulated Wave)

Stabilises the compressor rotation speed when maintaining the set temperature.



P-TECH – The Power Behind Fast Cooling

Compressor achieves maximum frequency in the shortest time from start up.



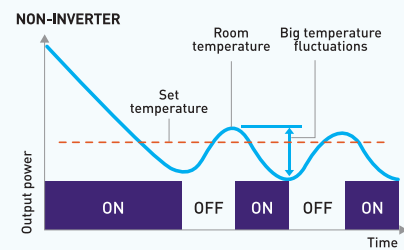
Quick Cooling and Constant Comfort

PAM increases the power output to accelerate compressor speed at start up for quick cooling and stabilises the set temperature without wasting energy, offering constant comfort.

INVERTER

NON-INVERTER

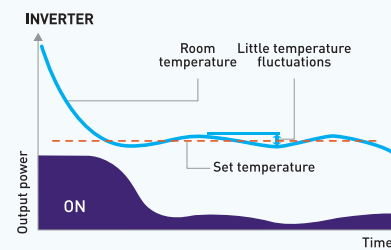
A conventional non-INVERTER air conditioner can only operate at a constant speed which is too powerful to maintain the set temperature. Thus, it switches the compressor on and off repeatedly. This results in wider temperature fluctuations leading to wasteful consumption of energy.



Legend: ■ Output Power
— Temperature
Remark: Energy is wasted by switching the compressor ON and OFF to maintain the set temperature.

INVERTER

The Panasonic INVERTER air conditioner varies the rotation speed of the compressor, providing a precise method of maintaining the set temperature. Thus, Panasonic INVERTER air conditioners give you exceptional energy saving performance while ensuring you stay comfortable at all times.



Legend: ■ Output Power
— Temperature
Remark: Saves energy by varying the rotation speed of the compressor to maintain the set temperature.

Intelligent Eco Sensors

Enjoy Ultimate Comfort With Energy Savings



ECONAVI has two sensors – Human Activity Sensor and Sunlight Sensor. Together, they monitor human location, movement, absence, and sunlight intensity to use energy more efficiently.

ECONAVI is a high-precision sensor technology that detects where energy is usually wasted and adjusts cooling power according to room conditions and activity levels.



HUMAN ACTIVITY SENSOR

SUNLIGHT SENSOR

Adjusts cooling power to changes in sunlight intensity.

Detects human absence in the room, changes in human movements and changes in activity levels and adjust cooling power accordingly to prevent energy wastage.



Where you are.



When you are less active.



Whether it's a sunny day or at night.



When you leave the room.



Adapts to rhythmic temperature control after detecting low activity level.

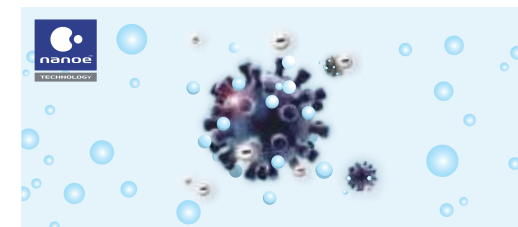
ECONAVI

*Applicable for PREMIUM INVERTER and DELUXE INVERTER.

PREMIUM INVERTER
DELUXE INVERTER

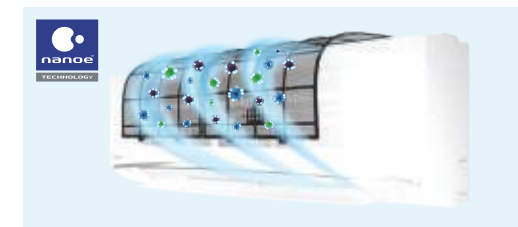


Air Purification



Dust Removal (PM2.5)

- Removes dust particles as small as PM2.5.



In filter deactivation

- Deactivates bacteria and viruses that are trapped in the filter within 2 hours.

Air Flow

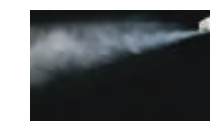


Shower Cooling

- Shower airflow spreads fast, cool and concentrated air across room and to the wall, then showers down gently.

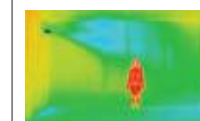
Shower Cooling Airflow Assessment

Airflow Smoke Test



AEROWINGS directs airflow upwards over a wider area then showers down gently and evenly across the room.

Temperature Distribution Test



AEROWINGS directs cool air further and higher towards the ceiling to avoid direct cooling.

Top Air Intake



Hot air is drawn in from the top, and cool air is discharged from the bottom to facilitate cool air showering down over the entire area.

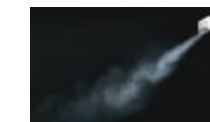


Powerful Fast Cooling

- AEROWINGS twin flaps direct concentrated airflow downwards to cool you rapidly.

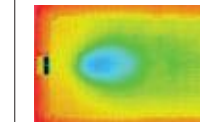
Fast Cooling Airflow Assessment

Airflow Smoke Test

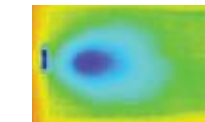


AEROWINGS directs airflow downwards and towards you for instant cooling.

Temperature Distribution Test



Conventional Cooling
Slow cooling will result in uneven cooling.



Fast Cooling
Concentrated airflow cools instantly. A room is evenly cooled.

Air Connectivity*



Panasonic Comfort Cloud App

- Easily pre-cool your space
- Easily monitor energy usage
- Remotely adjust real time temperature
- Remotely access AC features

*Wireless LAN Remote Control for Internet Connection (optional network adaptor) applicable to Single-Split Models (PREMIUM INVERTER and DELUXE INVERTER) and Multi-Split Models (WALL MOUNTED and SLIM DUCTED).



PREMIUM INVERTER
• Modern & Sleek Outline



DELUXE INVERTER
• Slim & Pearl White finishing

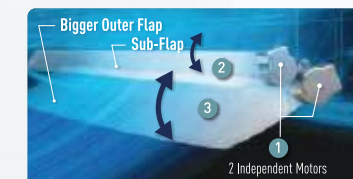
AEROWINGS

Concentrated Airflow, Further

Further and faster airflow across the room.



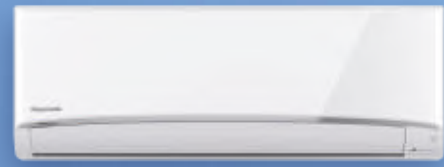
Concentrated Airflow, Further, Faster



- 2 Independent Motors**
Control the Sub-Flap and Bigger Outer Flap separately.
- Sub-Flap**
Compresses and concentrates cool air.
- Bigger Outer Flap**
Helps to deliver airflow further.

- Further, faster, concentrated airflow with 2 independent flaps and motors.

STANDARD INVERTER



BIG FLAP

Long Airflow

Big bottom flap directs cool air across the room.



STANDARD INVERTER

- Stylish & Compact Design
- Bigger Flap Design with single motor directs cool air across the room.

Air Purification

Anti-Bacterial Filter



The Anti-Bacterial Filter combines three effects in one: anti-bacteria, anti-virus and anti-allergen protection to provide clean air.

Effectiveness	Target substance and substance name	Mechanism
<p>UP TO DEACTIVATES</p> <p>99%</p> <p>of filter-captured Bacteria *1</p>	<p>Anti-bacterial</p> <p>*1 Bacteria deactivation was certified by Boken Quality Evaluation Institute. Test Report No: 10042459-1 and 10042459-2 Bacteria: <i>Staphylococcus aureus</i> NBRC 12732 ; <i>Escherichia coli</i> NBRC 3972</p>	<p>Artificial Enzyme</p> <p>Cell-wall Cell</p> <p>Bacteria</p> <p>Bacteria is caught by the filter.</p> <p>Artificial Enzyme will attach to surface of bacteria.</p> <p>Cell-wall is covered by Artificial Enzyme</p> <p>Bacteria becomes inactive by preventing its growth.</p> <p>Remark: The above are not actual images of target substance structure. Image drawn is for illustration purpose.</p>
<p>UP TO DEACTIVATES</p> <p>99%</p> <p>of filter-captured Viruses *2</p>	<p>Anti-virus</p> <p>*2 Virus deactivation was certified by Osaka Prefectural Institute of Public Health. Test Report No: 313360397 Virus: Influenza (H3N2) A/Hong Kong</p>	<p>Disinfectant</p> <p>Virus</p> <p>The virus is caught by the filter.</p> <p>Disinfectant will attach to surface protein of virus.</p> <p>Spikes are covered by Disinfectant</p> <p>Virus becomes inactive through 'tanning effect' making them harmless.</p> <p>Remark: The above are not actual images of target substance structure. Image drawn is for illustration purpose.</p>
<p>UP TO DEACTIVATES</p> <p>99%</p> <p>of filter-captured Allergen *3</p>	<p>Anti-allergen</p> <p>*3 Allergen deactivation was certified by Shinshu University. Allergen: Cider Pollen Allergen Cry j1</p>	<p>Artificial Enzyme</p> <p>Allergen</p> <p>The allergen is caught by the filter.</p> <p>Artificial Enzyme will 'denature' the filter-captured allergen.</p> <p>Allergen loses original properties or characteristic</p> <p>'Denatured' allergen will no longer keep its original property as allergen; therefore, it is harmless.</p> <p>When allergen is denatured, the strand of amino acid is "teased" apart hence changing the shape. In this way, allergen will lose its original properties or characteristic as allergen, thus making them harmless.</p> <p>Remark: The above are not actual images of target substance structure. Image drawn is for illustration purpose.</p>

Applicable Models: PS9/ PS12/ PS18/ PS24UKZ

Air Flow



Shower Cooling

- Cool air is directed upwards to spread across room and showers down gently.



Powerful Fast Cooling

- BIG FLAP directs airflow downwards and straight to room occupants for a fast cooling effect.

WALL-MOUNTED : PREMIUM **INVERTER** Single-Split Type



CS-XS9RKZW | CS-XS12RKZW



Wireless



Wired (Optional)



Network Adaptor (Optional)



CS-XS18RKZW | CS-XS24RKZW | CS-XS28RKZ



Wireless



Wired (Optional)



Network Adaptor (Optional)

SPECIFICATIONS

Cooling [] : Outdoor Unit

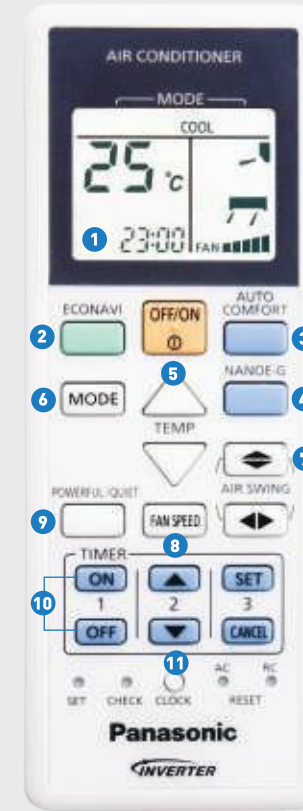
MODEL	(50Hz)	CS-XS9RKZW [CU-XS9RKZ]	CS-XS12RKZW [CU-XS12RKZ]	CS-XS18RKZW [CU-XS18RKZ]	CS-XS24RKZW [CU-XS24RKZ]	CS-XS28RKZ [CU-XS28RKZ]
Cooling Capacity	(min-max) kW	2.50 (0.85-3.20)	3.23 (0.92-4.00)	5.20 (1.10-6.00)	6.00 (1.12-7.10)	6.90 (1.15-8.50)
	(min-max) Btu/h	8,530 (2,900-10,900)	11,000 (3,140-13,600)	17,700 (3,750-20,500)	20,500 (3,820-24,200)	23,500 (3,920-29,000)
COP	(min-max) W/W	4.55 (4.25-3.81)	4.31 (4.38-4.00)	3.80 (3.93-3.70)	3.80 (3.50-3.59)	3.40 (3.29-3.15)
EER	(min-max) Btu/hW	15.51 (14.50-12.98)	14.67 (14.95-13.60)	12.92 (13.39-12.65)	12.97 (11.94-12.22)	11.58 (11.20-10.74)
Weighted COP	W/W	5.38	5.28	4.53	4.38	4.18
	Voltage V	220-240	220-240	220-240	220-240	220-240
Electrical Data	Current A	2.7-2.5	3.7-3.4	6.3-5.9	7.4-7.0	9.6 - 9.0
	Power Input (min-max) W	550 (200-840)	750 (210-1,000)	1,370 (280-1,620)	1,580 (320-1,980)	2,030 (350-2,700)
Moisture Removal	L/h	1.5	1.8	2.9	3.3	3.9
	Pt/h	3.2	3.8	6.1	7.0	8.2
Air Circulation	Indoor m ³ /min (ft ³ /min)	11.3 (400)	12.6 (445)	17.6 (620)	18.4 (650)	18.4 (650)
	Outdoor m ³ /min (ft ³ /min)	30.1 (1,065)	34.6 (1,220)	39.1 (1,380)	48.6 (1,715)	50.2 (1,770)
Noise Level [220V-240V]	Indoor [H / L / Q-Lo] dB (A)	39/26/23 - 39/26/23	40/28/25 - 40/28/25	45/36/33 - 45/36/33	47/37/34 - 47/37/34	47/37/34 - 47/37/34
	Outdoor (H) dB (A)	47-48	49-50	49-50	52-53	52-53
Dimensions	Height mm	296 (542)	296 (619)	296 (695)	296 (795)	296 (795)
	inch	11-21/32 (21-11/32)	11-21/32 (24-3/8)	11-21/32 (27-3/8)	11-21/32 (31-5/16)	11-21/32 (31-5/16)
	Width mm	870 (780)	870 (824)	1,070 (875)	1,070 (875)	1,070 (875)
	inch	34-9/32 (30-23/32)	34-9/32 (32-15/32)	42-5/32 (34-15/32)	42-5/32 (34-15/32)	42-5/32 (34-15/32)
Depth	mm	236 (289)	236 (299)	241 (320)	241 (320)	241 (320)
	inch	9-5/16 (11-13/32)	9-5/16 (11-25/32)	9-1/2 (12-5/8)	9-1/2 (12-5/8)	9-1/2 (12-5/8)
Net Weight	Indoor kg (lb)	9 (20)	9 (20)	12 (26)	12 (26)	12 (26)
	Outdoor kg (lb)	31 (68)	32 (71)	44 (97)	56 (123)	57 (126)
Refrigerant Pipe Diameter	Liquid Side mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	inch	1/4	1/4	1/4	1/4	1/4
	Gas Side mm	ø 9.52	ø 12.70	ø 12.70	ø 15.88	ø 15.88
inch	3/8	1/2	1/2	5/8	5/8	
Pipe Extension	Chargeless Pipe Length m	7.5	7.5	10	10	10
	Maximum Pipe Length m	15	15	20	30	30
	Maximum Elevation Length m	5	5	15	20	20
	Additional Refrigerant Gas* g/m	15	15	15	30	30
Power Supply		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor

Caution For CS-XS9/XS12/XS18/XS24RKZW/XS28RKZ [Important] Please do not use copper pipes that are less than 0.6mm in thickness.
*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

EASY-TO-USE REMOTE CONTROLLER

Panasonic's wireless remote controller features a large Liquid Crystal Display (LCD) panel which makes it even more user-friendly. So you can sit back and enjoy easy operation and long-lasting comfort from your Panasonic Air Conditioner.

- 1 LCD display for an easy overview of the operation status.
- 2 ECONAVI monitors sunlight intensity, human movement, activity levels and human absence to detect and reduce energy waste.
- 3 Auto comfort mode detects high activity levels and switches to comfort operation for maximum comfort.
- 4 Activates the nanoe-G function even when the air conditioner is switched off.
- 5 Press up or down to set the temperature.
- 6 Toggles between COOL and DRY setting mode.
- 7 Set the airflow direction.
- 8 Adjusts the fan speed.
- 9 Stronger airflow to cool the room more quickly/ Quiet function allows you to sleep comfortably at night.
- 10 Set 24-hour Dual ON & OFF Timer.
- 11 Set the actual time (hour and minute).



Wireless
Applicable to PREMIUM Inverter

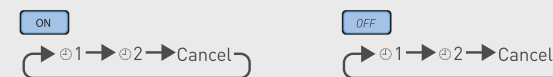
DUAL TIMER



DUAL TIMER FOR 2 ON AND OFF TIMES PER DAY

For convenience, the dual timer repeats everyday until you cancel it.

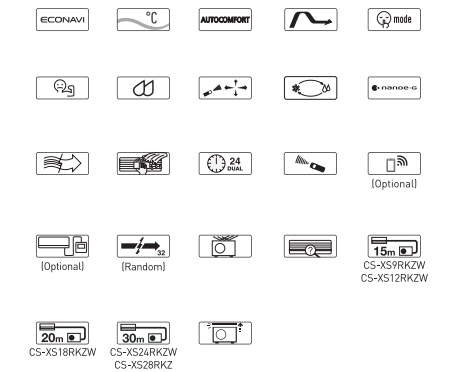
- 1 Select ON or OFF Timer



- 2 Set the time.



COOLING MODELS



OUTDOOR



WALL-MOUNTED : DELUXE **INVERTER** Single-Split Type



CS-S9TKZW | CS-S12TKZW

Wireless
Wired (Optional)
Network Adaptor (Optional)

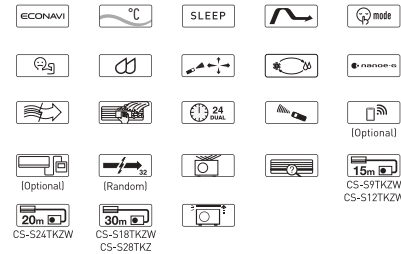


CS-S18TKZW | CS-S24TKZW | CS-S28TKZ

Wireless
Wired (Optional)
Network Adaptor (Optional)



COOLING MODELS



SPECIFICATIONS

MODEL		(50Hz)	CS-S9TKZW [CU-S9TKZ]	CS-S12TKZW [CU-S12TKZ]	CS-S18TKZW [CU-S18TKZ]	CS-S24TKZW [CU-S24TKZ]	CS-S28TKZ [CU-S28TKZ]
Cooling Capacity	(min-max)	kW	2.50 [0.84-3.20]	3.23 [0.92-4.00]	5.20 [1.10-6.00]	6.00 [1.12-7.10]	6.90 [1.15-8.50]
	(min-max)	Btu/h	8,530 [2,860-10,900]	11,000 [3,140-13,600]	17,700 [3,750-20,500]	20,500 [3,820-24,200]	23,500 [3,920-29,000]
COP	(min-max)	W/W	3.91 [3.73-3.68]	3.65 [3.54-3.51]	3.69 [3.79-3.59]	3.57 [3.50-3.51]	3.40 [3.29-3.15]
EER	(min-max)	Btu/hW	13.33 [12.71-12.53]	12.43 [12.08-11.93]	12.55 [12.93-12.28]	12.20 [11.94-11.98]	11.58 [11.20-10.74]
Weighted COP		W/W	4.02	4.11	4.12	4.00	3.88
	Voltage	V	220-240	220-240	220-240	220-240	220-240
Electrical Data	Current	A	3.3-3.1	4.2-3.9	6.7-6.2	7.8-7.4	9.6-9.0
	Power Input (min-max)	W	640 [225-870]	885 [260-1,140]	1,410 [290-1,670]	1,680 [320-2,020]	2,030 [350-2,700]
Moisture Removal		L/h	1.5	1.8	2.9	3.3	3.9
		Pt/h	3.2	3.8	6.1	7.0	8.2
Air Circulation	Indoor	m ³ /min [ft ³ /min]	9.9 [350]	10.7 [380]	19.3 [680]	20.3 [715]	21.2 [750]
	Outdoor	m ³ /min [ft ³ /min]	21.6 [760]-24.9 [880]	31.0 [1,095]-31.6 [1,115]	35.0 [1,235]-36.2 [1,280]	47.0 [1,660]-47.0 [1,660]	48.6 [1,715]-51.9 [1,830]
Noise Level [220V-240V]	Indoor [H / L / Q-Lo]	dB [A]	36/26/23	38/28/25	45/36/33	46/37/34	47/37/34
	Outdoor [H]	dB [A]	46-47	47-48	49-50	49-50	52-53
Dimensions	Height	mm	295 [511]	295 [542]	302 [619]	302 [695]	302 [795]
		inch	11-5/8 [20-1/8]	11-5/8 [21-11/32]	11-29/32 [24-3/8]	11-29/32 [27-3/8]	11-29/32 [31-5/16]
	Width	mm	919 [650]	919 [780]	1,120 [824]	1,120 [875]	1,120 [875]
		inch	36-3/16 [25-19/32]	36-3/16 [30-23/32]	44-1/8 [32-15/32]	44-1/8 [34-15/32]	44-1/8 [34-15/32]
Depth	mm	199 [230]	199 [289]	241 [299]	241 [320]	241 [320]	
	inch	7-27/32 [9-1/16]	7-27/32 [11-13/32]	9-1/2 [11-25/32]	9-1/2 [12-5/8]	9-1/2 [12-5/8]	
Net Weight	Indoor	kg [lb]	9 [20]	9 [20]	12 [26]	12 [26]	12 [26]
	Outdoor	kg [lb]	21 [46]	29 [64]	36 [79]	40 [88]	62 [137]
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
		inch	1/4	1/4	1/4	1/4	1/4
	Gas Side	mm	ø 9.52	ø 12.70	ø 12.70	ø 15.88	ø 15.88
		inch	3/8	1/2	1/2	5/8	5/8
Pipe Extension	Chargeless Pipe Length	m	7.5	7.5	10	10	10
	Maximum Pipe Length	m	15	15	30	20	30
	Maximum Elevation Length	m	5	5	20	15	20
	Additional Refrigerant Gas*	g/m	15	15	15	20	30
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor

Caution For CS-S9/S12/S18/S24TKZW/S28TKZ (Important) Please do not use copper pipes that are less than 0.6mm in thickness.
*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR

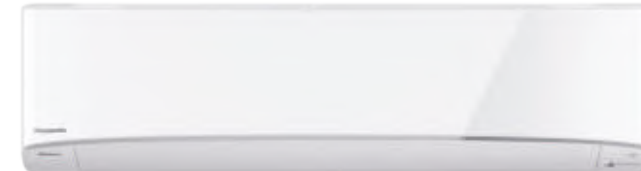


WALL-MOUNTED : Standard **INVERTER** Single-Split Type



CS-PS9UKZ | CS-PS12UKZ

Wireless
Wired (Optional)

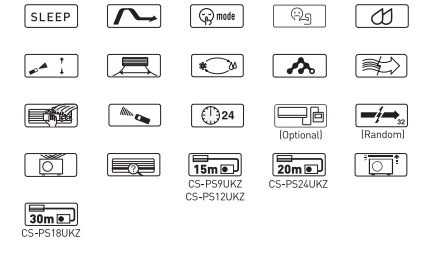


CS-PS18UKZ | CS-PS24UKZ

Wireless
Wired (Optional)



COOLING MODELS

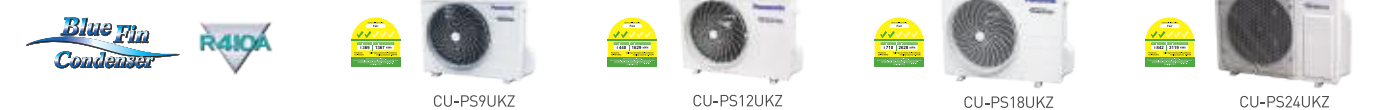


SPECIFICATIONS

MODEL		(50Hz)	CS-PS9UKZ [CU-PS9UKZ]	CS-PS12UKZ [CU-PS12UKZ]	CS-PS18UKZ [CU-PS18UKZ]	CS-PS24UKZ [CU-PS24UKZ]
Cooling Capacity	(min-max)	kW	2.50 [0.84-3.20]	3.10 [0.92-4.00]	5.20 [1.10-5.75]	6.00 [1.12-7.00]
	(min-max)	Btu/h	8,530 [2,860-10,900]	10,600 [3,140-13,600]	17,700 [3,750-19,600]	20,500 [3,820-23,900]
COP	(min-max)	W/W	3.52 [3.73-3.48]	3.52 [3.54-3.42]	3.54 [3.79-3.53]	3.49 [3.50-3.43]
EER	(min-max)	Btu/hW	12.01 [12.71-11.85]	12.05 [12.08-11.62]	12.04 [12.93-12.02]	11.92 [11.94-11.72]
Weighted COP		W/W	3.98	4.13	4.35	4.22
	Voltage	V	220-240	220-240	220-240	220-240
Electrical Data	Current	A	3.5-3.3	4.1-3.8	7.1-6.6	8.0-7.4
	Power Input (min-max)	W	710 [225-920]	880 [260-1,170]	1,470 [290-1,630]	1,720 [320-2,040]
Moisture Removal		L/h	1.5	1.8	2.9	3.3
		Pt/h	3.2	3.8	6.1	7.0
Air Circulation	Indoor	m ³ /min [ft ³ /min]	9.7 [340]	10.4 [365]	19.7 [695]	20.3 [715]
	Outdoor	m ³ /min [ft ³ /min]	26.5 [935]-28.1 [990]	31.0 [1,095]-31.6 [1,115]	35.0 [1,235]-36.2 [1,280]	47.0 [1,660]-47.0 [1,660]
Noise Level [220V-240V]	Indoor [H/ L/ Q-Lo]	dB [A]	36/26/23	38/28/25	45/36/33	46/37/34
	Outdoor [H]	dB [A]	46-47	47-48	49-50	49-50
Dimensions	Height	mm	290 [511]	290 [542]	302 [619]	302 [695]
		inch	11-7/16 [20-1/8]	11-7/16 [21-11/32]	11-29/32 [24-3/8]	11-29/32 [27-3/8]
	Width	mm	799 [650]	799 [780]	1,102 [824]	1,102 [875]
		inch	31-15/32 [25-19/32]	31-15/32 [30-23/32]	43-13/32 [32-15/32]	43-13/32 [34-15/32]
Depth	mm	197 [230]	197 [289]	244 [299]	244 [320]	
	inch	7-25/32 [9-1/16]	7-25/32 [11-13/32]	9-5/8 [11-25/32]	9-5/8 [12-5/8]	
Net Weight	Indoor	kg [lb]	8 [18]	9 [20]	12 [26]	12 [26]
	Outdoor	kg [lb]	20 [44]	29 [64]	33 [73]	40 [88]
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	10	10
	Maximum Pipe Length	m	15	15	30	20
	Maximum Elevation Length	m	5	5	20	15
	Additional Refrigerant Gas*	g/m	15	15	15	20
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

Caution For CS-PS9/PS12/PS18/PS24UKZ (Important) Please do not use copper pipes that are less than 0.6mm in thickness.
*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR



Multi-Split Air Conditioning System

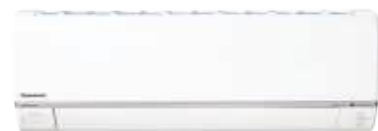
Panasonic's multi-split conditioning systems are designed to provide more space saving installation for outdoor units. A neater alternative to preserve the exterior appearance of buildings such as condominiums, single and multi-storey residences.



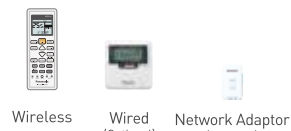
Compact and lightweight design to fit every building type

- The multi-split system offers greater installation versatility and space-saving choices for condominium with limited free space.

WALL MOUNTED PREMIUM INVERTER TYPE



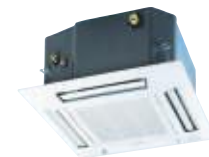
CS-MXS9UKZ | CS-MXS12UKZ | CS-MXS15UKZ | CS-MXS18UKZ | CS-MXS24UKZ



nanoe TECHNOLOGY **AEROWINGS**
INVERTER **ECONAVI**

COOLING MODELS

MINI CASSETTE



CS-S12MB4ZW | CS-S18MB4ZW | CS-S24MB4ZW



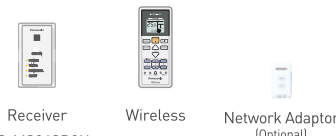
INVERTER

COOLING MODELS

SLIM DUCTED



CS-MS9SD3H | CS-MS12SD3H | CS-MS18SD3H | CS-MS24SD3H

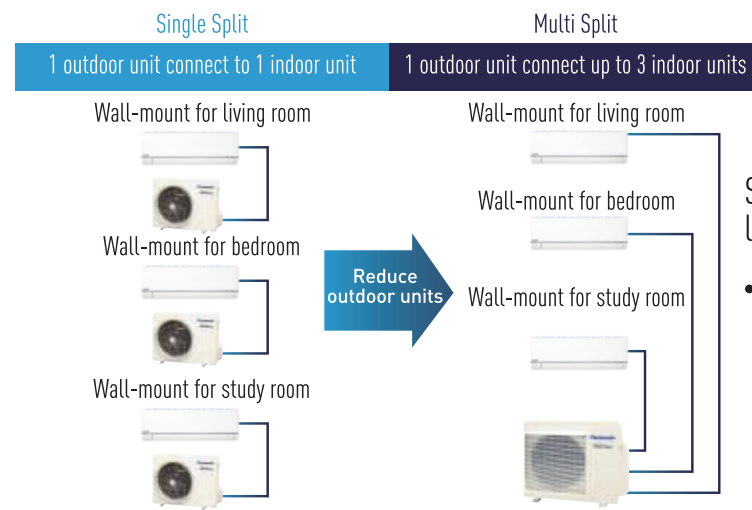


INVERTER

COOLING MODELS

Advantages Of Multi-Split Air Conditioning System

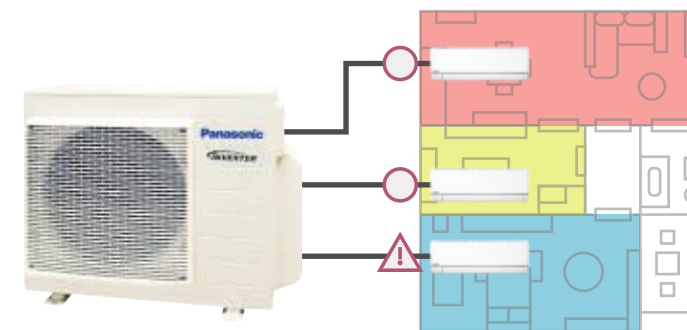
Space Saving



Space-saving installation with less outdoor units required

- As 1 outdoor unit is able to connect up to 3 indoor units, this provide flexible customization according to the layout of your house.

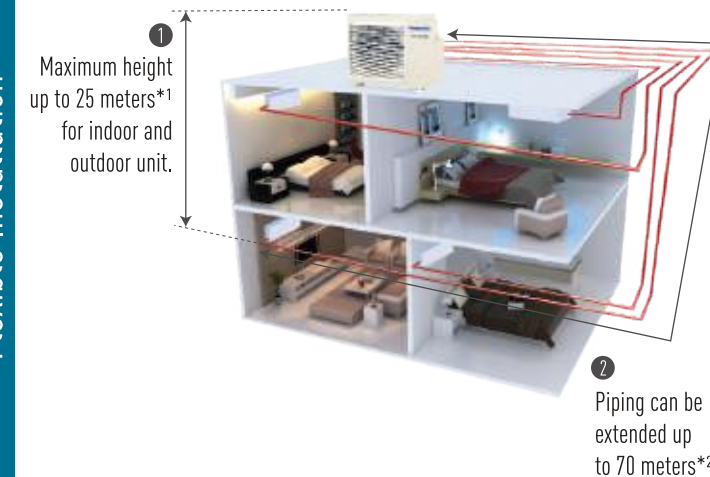
Independent Operation Control



Outdoor unit connects to each indoor unit independently

- Able to adjust the operation settings for each indoor unit separately. If one indoor unit is malfunctions, other indoor units can continue to operate by provide cooling comfort to the rooms.

Flexible Installation



The multi-split system accommodates long pipelines up to 70 meters



- Flexible arrangement and installation of indoor and outdoor units based on the room condition, location and installation convenience of the site.

*1 For CU-3XS27UKZ, CU-4XS30UBZ and CU-4XS34UBZ
 *2 For CU-4XS34UBZ only

INVERTER MULTI-SPLIT



OUTDOOR

DUAL-SPLIT MODEL

MODELS	CU-2XS20UKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
2 Rooms	 	Port A 2.8 or Either unit 3.2 Port B 2.8 or Either unit 3.2

• It is possible to have a combination of wall-mounted models (CS-MXS9, MXS12UKZ) for the (CU-2XS20UKZ) Outdoor Unit Ports.

TRIPLE-SPLIT MODEL

MODELS	CU-3XS27UKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
3 Rooms	 	Port A 2.8 or 3.2 or 4.0 or 5.0 Port B 2.8 or 3.2 or 4.0 or 5.0 Port C 2.8 or 3.2 or 4.0 or 5.0

• It is possible to have a combination of wall-mounted models (CS-MXS9, MXS12, MXS15, MXS18UKZ,) for the (CU-3XS27UKZ) Outdoor Unit Ports.

QUADRUPLE-SPLIT MODEL

MODELS	Indoor Units: Possible Combination Patterns (Must be within capacity range)
4 Rooms	CU-4XS30UBZ  Port A 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port B 2.8 or 3.2 or 4.0 or 5.0 or 6.0 CU-4XS34UBZ  Port C 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port D 2.8 or 3.2 or 4.0 or 5.0 or 6.0

• It is possible to have a combination of wall-mounted models (CS-MXS9, MXS12, MXS15, MXS18, MXS24UKZ), mini cassette models (CS-S12, S18, S24MB4ZW) and slim ducted models (CS-MS9, MS12, MS18, MS24SD3H) for the (CU-4XS30UBZ, 4XS34UBZ) Outdoor Unit Ports.

INDOOR

PREMIUM INVERTER SPECIFICATIONS

MODEL	(50Hz)	CS-MXS9UKZ	CS-MXS12UKZ	CS-MXS15UKZ	CS-MXS18UKZ	CS-MXS24UKZ
Operation		1 unit	1 unit	1 unit	1 unit	1 unit
Cooling Capacity	Btu/h	9,550	10,900	13,600	17,100	20,500
	kW	2.80	3.20	4.00	5.00	6.00
Electrical Data	Voltage	V	220 - 240	220 - 240	220 - 240	220 - 240
Sound Pressure Level	Indoor (H/L)	dB (A)	42 / 29	44 / 32	45 / 32	47 / 38
Moisture Removal		L/h	1.6	1.8	2.3	2.7
Air Circulation	m ³ /min		12.1	12.6	13.2	17.6
	ft ³ /min		425	445	465	620
Fan Output	W		40	40	40	40
	Height	mm	296	296	296	296
Dimensions	Width	mm	870	870	870	1,070
	Depth	mm	236	236	236	241
Net Weight	Indoor	kg	9	9	9	12
	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
Refrigerant Pipe Diameter	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 12.70
	Power Supply		Outdoor	Outdoor	Outdoor	Outdoor

MINI CASSETTE SPECIFICATIONS

MODEL	(50Hz)	CS-S12MB4ZW	CS-S18MB4ZW	CS-S24MB4ZW
Operation		1 unit	1 unit	1 unit
Cooling Capacity	Btu/h	10,900	17,100	20,500
	kW	3.20	5.00	6.00
Electrical Data	Voltage	V	220 - 240	220 - 240
Sound Pressure Level	Indoor (H/L)	dB (A)	34 / 26	36 / 28
Moisture Removal		L/h	1.8	2.7
Air Circulation	m ³ /min		10.5	11.0
	ft ³ /min		370	390
Fan Output	W		40	40
	Height	mm	260	260
Dimensions	Width	mm	575	575
	Depth	mm	575	575
Net Weight	Indoor	kg	18	18
	Liquid Side	mm	ø 6.35	ø 6.35
Refrigerant Pipe Diameter	Gas Side	mm	ø 9.52	ø 9.52
	Power Supply		Outdoor	Outdoor

SLIM DUCTED SPECIFICATIONS

MODEL	(50Hz)	CS-MS9SD3H	CS-MS12SD3H	CS-MS18SD3H	CS-MS24SD3H
Operation		1 unit	1 unit	1 unit	1 unit
Cooling Capacity	Btu/h	9,550	10,900	17,100	20,500
	kW	2.80	3.20	5.00	6.00
Electrical Data	Voltage	V	220 - 240	220 - 240	220 - 240
Sound Pressure Level	Indoor (H/L)	dB (A)	35 / 28	35 / 28	41 / 30
Moisture Removal		L/h	1.6	1.8	2.7
Air Circulation	m ³ /min		13.2	13.2	15.5
	ft ³ /min		465	465	545
Fan Output	W		51	51	51
	Height	mm	200	200	200
Dimensions	Width	mm	750	750	750
	Depth	mm	640	640	640
Net Weight	Indoor	kg	19	19	19
	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35
Refrigerant Pipe Diameter	Gas Side	mm	ø 9.52	ø 9.52	ø 12.70
	Power Supply		Outdoor	Outdoor	Outdoor

INVERTER MULTI-SPLIT

OUTDOOR

MODEL	(50Hz)	DUAL-SPLIT MODEL		TRIPLE-SPLIT MODEL	
		CU-2XS20UKZ		CU-3XS27UKZ	
Cooling Capacity	(min-max)	kW	4.20 (1.50 ~ 6.30)	5.10 (2.40 ~ 8.90)	
	(min-max)	Btu/h	14,300 (5,120 ~ 21,500)	17,400 (8,180 ~ 30,300)	
COP	(min-max)	W/W	4.88 (6.00-3.71)	4.90 (5.45-2.99)	
EER	(min-max)	Btu/hW	16.63 (20.48-12.65)	16.73 (18.59-10.17)	
Weighted COP		W/W	5.57	5.53	
Electrical Data	Voltage	V	220-240	220-240	
	Current	A	4.2 ~ 3.9	5.2 ~ 4.8	
	Power Input (min-max)	W	860 (250 ~ 1,700)	1,040 (440 ~ 2,980)	
Sound Pressure Level	Outdoor (Hi/Lo)	dB (A)	51	56	
Maximum Current		A	12	15.2	
Starting Current		A	4.2	5.2	
Compressor Output		W	900	1,300	
Fan Output		W	40	60	
Dimensions	Height	mm	619	695	
	Width	mm	824 (+70)	875 (+95)	
	Depth	mm	299	320	
Net Weight	Outdoor	kg	38	58	
	Chargeless Pipe Length	m	20	30	
Pipe Extension	Maximum Pipe Length	1 Room	20	25	
		Total	30	60	
	Maximum Elevation Length	m	10	15	
Additional Refrigerant Gas*		g/m	15	20	

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

MODEL	(50Hz)	QUADRUPLE-SPLIT MODEL	
		CU-4XS30UBZ	
Cooling Capacity	(min-max)	kW	6.20 (2.80 ~ 9.00)
	(min-max)	Btu/h	21,100 (9,550 ~ 30,700)
COP	(min-max)	W/W	4.88 (5.38-3.02)
EER	(min-max)	Btu/hW	16.61 (18.37-10.30)
Weighted COP		W/W	5.51
Electrical Data	Voltage	V	220-240
	Current	A	6.5 ~ 5.9
	Power Input (min-max)	W	1,270 (520 ~ 2,980)
Sound Pressure Level	Outdoor (Hi/Lo)	dB (A)	56
Maximum Current		A	15.6
Starting Current		A	6.5
Compressor Output		W	1,300
Fan Output		W	60
Dimensions	Height	mm	695
	Width	mm	875 (+95)
	Depth	mm	320
Net Weight	Outdoor	kg	58
	Chargeless Pipe Length	m	35
Pipe Extension	Maximum Pipe Length	1 Room	25
		Total	60
	Maximum Elevation Length	m	15
Additional Refrigerant Gas*		g/m	20

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

INVERTER DUAL-SPLIT MODEL (CU-2XS20UKZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)				Input Power (W)		Current (A) (50Hz)		Moisture Removal L/h
			A	B	Total	min ~ max	Rated	min ~ max	220V	240V	
1 Room	2.8	2.8	2.80	—	2.80	1.10 ~ 3.50	750	220 ~ 1000	3.7	3.4	1.6
	3.2	3.2	3.20	—	3.20	1.10 ~ 4.00	920	220 ~ 1220	4.5	4.2	1.8
2 Room	2.8 + 2.8	5.6	2.10	2.10	4.20	1.50 ~ 6.30	860	250 ~ 1700	4.2	3.9	1.4 + 1.4
	2.8 + 3.2	6.0	2.05	2.35	4.40	1.50 ~ 6.30	900	250 ~ 1690	4.4	4.0	1.3 + 1.5
	3.2 + 3.2	6.4	2.20	2.20	4.40	1.50 ~ 6.30	890	250 ~ 1680	4.3	3.9	1.4 + 1.4

INVERTER TRIPLE-SPLIT MODEL (CU-3XS27UKZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)				Input Power (W)		Current (A) (50Hz)		Moisture Removal L/h	
			A	B	C	Total	min ~ max	Rated	min ~ max	220V		240V
1 Room	2.8	2.8	2.80			2.80	1.70 ~ 3.40	700	380 ~ 890	3.8	3.5	1.6
	3.2	3.2	3.20			3.20	1.70 ~ 4.00	800	380 ~ 1,200	4.3	3.9	1.8
	4.0	4.0	4.00			4.00	1.70 ~ 4.80	1,180	380 ~ 1,480	6.1	5.6	2.3
	5.0	5.0	5.00			5.00	1.90 ~ 5.80	1,460	400 ~ 1,890	7.4	6.8	2.7
2 Room	2.8 + 2.8	5.6	2.55	2.55		5.10	2.00 ~ 7.50	1,190	420 ~ 2,450	5.9	5.4	1.6 + 1.6
	2.8 + 3.2	6.0	2.38	2.72		5.10	2.00 ~ 7.50	1,190	420 ~ 2,440	5.9	5.4	1.5 + 1.6
	2.8 + 4.0	6.8	2.10	3.00		5.10	2.60 ~ 8.60	1,070	400 ~ 3,130	5.4	4.9	1.4 + 1.7
	2.8 + 5.0	7.8	1.83	3.27		5.10	2.80 ~ 8.90	950	390 ~ 3,110	4.8	4.4	1.2 + 1.9
	3.2 + 3.2	6.4	2.55	2.55		5.10	2.30 ~ 8.30	1,150	420 ~ 3,140	5.7	5.2	1.6 + 1.6
	3.2 + 4.0	7.2	2.27	2.83		5.10	2.60 ~ 8.60	1,070	400 ~ 3,130	5.4	4.9	1.5 + 1.7
	3.2 + 5.0	8.2	1.99	3.11		5.10	2.80 ~ 8.90	950	390 ~ 3,110	4.8	4.4	1.3 + 1.8
	4.0 + 4.0	8.0	2.55	2.55		5.10	2.80 ~ 8.80	990	390 ~ 3,120	5.0	4.6	1.6 + 1.6
	4.0 + 5.0	9.0	2.27	2.83		5.10	2.90 ~ 9.10	910	380 ~ 3,110	4.6	4.2	1.5 + 1.7
	5.0 + 5.0	10.0	2.55	2.55		5.10	3.00 ~ 9.30	880	380 ~ 3,110	4.5	4.1	1.6 + 1.6
3 Room	2.8 + 2.8 + 2.8	8.4	1.70	1.70	1.70	5.10	2.40 ~ 8.90	1,040	440 ~ 2,980	5.2	4.8	1.1 + 1.1 + 1.1
	2.8 + 2.8 + 3.2	8.8	1.62	1.62	1.86	5.10	2.40 ~ 8.90	1,030	450 ~ 2,930	5.2	4.7	1.0 + 1.0 + 1.2
	2.8 + 2.8 + 4.0	9.6	1.49	1.49	2.12	5.10	2.60 ~ 9.20	1,010	460 ~ 2,950	5.1	4.7	0.9 + 0.9 + 1.4
	2.8 + 2.8 + 5.0	10.6	1.35	1.35	2.40	5.10	2.80 ~ 9.50	930	460 ~ 2,910	4.7	4.3	0.9 + 0.9 + 1.5
	2.8 + 3.2 + 3.2	9.2	1.56	1.77	1.77	5.10	2.40 ~ 8.90	1,030	450 ~ 2,930	5.2	4.7	1.0 + 1.1 + 1.1
	2.8 + 3.2 + 4.0	10.0	1.43	1.63	2.04	5.10	2.70 ~ 9.30	980	460 ~ 2,950	4.9	4.5	0.9 + 1.0 + 1.3
	2.8 + 3.2 + 5.0	11.0	1.30	1.48	2.32	5.10	2.80 ~ 9.40	930	460 ~ 2,800	4.7	4.3	0.8 + 0.9 + 1.5
	2.8 + 4.0 + 4.0	10.8	1.32	1.89	1.89	5.10	2.80 ~ 9.40	960	460 ~ 2,890	4.9	4.5	0.8 + 1.2 + 1.2
	2.8 + 4.0 + 5.0	11.8	1.21	1.73	2.16	5.10	2.90 ~ 9.60	890	440 ~ 2,830	4.5	4.1	0.8 + 1.1 + 1.4
	2.8 + 5.0 + 5.0	12.8	1.12	1.99	1.99	5.10	2.80 ~ 9.70	850	390 ~ 2,720	4.4	4.0	0.7 + 1.3 + 1.3
	3.2 + 3.2 + 3.2	9.6	1.70	1.70	1.70	5.10	2.50 ~ 8.90	1,030	450 ~ 2,940	5.2	4.7	1.1 + 1.1 + 1.1
	3.2 + 3.2 + 4.0	10.4	1.57	1.57	1.96	5.10	2.70 ~ 9.30	980	460 ~ 2,960	4.9	4.5	1.0 + 1.0 + 1.3
	3.2 + 3.2 + 5.0	11.4	1.43	1.43	2.24	5.10	2.80 ~ 9.40	930	460 ~ 2,800	4.7	4.3	0.9 + 0.9 + 1.5
	3.2 + 4.0 + 4.0	11.2	1.46	1.82	1.82	5.10	2.80 ~ 9.50	930	460 ~ 2,900	4.7	4.3	0.9 + 1.2 + 1.2
3.2 + 4.0 + 5.0	12.2	1.34	1.67	2.09	5.10	2.90 ~ 9.70	890	440 ~ 2,830	4.5	4.1	0.8 + 1.1 + 1.4	
3.2 + 5.0 + 5.0	13.2	1.24	1.93	1.93	5.10	2.80 ~ 9.70	840	390 ~ 2,720	4.3	4.0	0.8 + 1.2 + 1.2	
4.0 + 4.0 + 4.0	12.0	1.70	1.70	1.70	5.10	2.90 ~ 9.60	900	450 ~ 2,820	4.6	4.2	1.1 + 1.1 + 1.1	
4.0 + 4.0 + 5.0	13.0	1.57	1.57	1.96	5.10	2.90 ~ 9.60	860	400 ~ 2,720	4.4	4.0	1.0 + 1.0 + 1.3	

• Specification based on JIS C 9612 standard.
• Switchable between 8.5amp or 11amp.

INVERTER MULTI-SPLIT

INVERTER MULTI-COMBINATION (CU-4XS30UBZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current (A) [50Hz]		Moisture Removal L/h	
			A	B	C	D	Total	min ~ max	Rated	min ~ max	220V		240V
1 Room	2.8	2.8	2.80				2.80	1.70 ~ 3.40	700	380 ~ 890	3.8	3.5	1.6
	3.2	3.2	3.20				3.20	1.70 ~ 4.00	800	380 ~ 1,200	4.3	3.9	1.8
	4.0	4.0	4.00				4.00	1.70 ~ 4.80	1,180	380 ~ 1,480	6.1	5.6	2.3
	5.0	5.0	5.00				5.00	1.90 ~ 5.80	1,460	400 ~ 1,890	7.4	6.8	2.7
	6.0	6.0	6.00				6.00	1.70 ~ 6.20	1,920	400 ~ 2,070	9.3	8.6	3.3
2 Room	2.8 + 2.8	5.6	2.80	2.80			5.60	1.70 ~ 6.50	1,580	420 ~ 2,260	8.0	7.3	1.6 + 1.6
	2.8 + 3.2	6.0	2.80	3.20			6.00	1.70 ~ 6.50	1,820	420 ~ 2,250	9.1	8.3	1.6 + 1.8
	2.8 + 4.0	6.8	2.55	3.65			6.20	2.50 ~ 7.40	1,760	570 ~ 2,890	8.8	8.1	1.6 + 2.1
	2.8 + 5.0	7.8	2.23	3.97			6.20	2.70 ~ 7.70	1,590	550 ~ 2,870	8.0	7.4	1.5 + 2.3
	2.8 + 6.0	8.8	1.97	4.23			6.20	2.70 ~ 7.70	1,590	550 ~ 2,870	8.0	7.4	1.3 + 2.4
	3.2 + 3.2	6.4	3.10	3.10			6.20	2.30 ~ 7.20	1,940	590 ~ 2,900	9.7	8.9	1.7 + 1.7
	3.2 + 4.0	7.2	2.76	3.44			6.20	2.50 ~ 7.40	1,720	570 ~ 2,890	8.6	7.9	1.6 + 2.0
	3.2 + 5.0	8.2	2.42	3.78			6.20	2.80 ~ 7.70	1,550	550 ~ 2,870	7.8	7.2	1.5 + 2.2
	3.2 + 6.0	9.2	2.16	4.04			6.20	2.80 ~ 7.70	1,550	550 ~ 2,870	7.8	7.2	1.4 + 2.3
	4.0 + 4.0	8.0	3.10	3.10			6.20	2.70 ~ 7.70	1,590	560 ~ 2,870	8.0	7.4	1.7 + 1.7
	4.0 + 5.0	9.0	2.76	3.44			6.20	2.80 ~ 7.90	1,510	550 ~ 2,870	7.6	7.0	1.6 + 2.0
	4.0 + 6.0	10.0	2.48	3.72			6.20	2.80 ~ 7.90	1,510	550 ~ 2,870	7.6	7.0	1.5 + 2.2
	5.0 + 5.0	10.0	3.10	3.10			6.20	2.90 ~ 8.10	1,430	540 ~ 2,870	7.2	6.6	1.7 + 1.7
	5.0 + 6.0	11.0	2.82	3.38			6.20	2.90 ~ 8.10	1,430	540 ~ 2,870	7.2	6.6	1.7 + 1.9
	6.0 + 6.0	12.0	3.10	3.10			6.20	2.90 ~ 8.10	1,430	540 ~ 2,870	7.2	6.6	1.7 + 1.7
3 Room	2.8 + 2.8 + 2.8	8.4	2.06	2.06	2.06		6.18	2.40 ~ 7.70	1,640	600 ~ 2,750	8.2	7.5	1.3 + 1.3 + 1.3
	2.8 + 2.8 + 3.2	8.8	1.97	1.97	2.26		6.20	2.40 ~ 7.80	1,610	600 ~ 2,750	8.1	7.5	1.3 + 1.3 + 1.5
	2.8 + 2.8 + 4.0	9.6	1.81	1.81	2.58		6.20	2.60 ~ 8.10	1,540	620 ~ 2,830	7.8	7.1	1.2 + 1.2 + 1.6
	2.8 + 2.8 + 5.0	10.6	1.64	1.64	2.92		6.20	2.80 ~ 8.40	1,420	620 ~ 2,790	7.2	6.6	1.0 + 1.0 + 1.7
	2.8 + 2.8 + 6.0	11.6	1.50	1.50	3.20		6.20	2.80 ~ 8.40	1,420	620 ~ 2,790	7.2	6.6	1.0 + 1.0 + 1.8
	2.8 + 3.2 + 3.2	9.2	1.88	2.16	2.16		6.20	2.40 ~ 7.80	1,610	610 ~ 2,760	8.1	7.5	1.2 + 1.4 + 1.4
	2.8 + 3.2 + 4.0	10.0	1.74	1.98	2.48		6.20	2.60 ~ 8.10	1,500	620 ~ 2,830	7.6	6.9	1.1 + 1.3 + 1.5
	2.8 + 3.2 + 5.0	11.0	1.58	1.80	2.82		6.20	2.80 ~ 8.40	1,420	620 ~ 2,800	7.2	6.6	1.0 + 1.2 + 1.7
	2.8 + 3.2 + 6.0	12.0	1.45	1.65	3.10		6.20	2.80 ~ 8.40	1,420	620 ~ 2,800	7.2	6.6	0.9 + 1.1 + 1.7
	2.8 + 4.0 + 4.0	10.8	1.60	2.30	2.30		6.20	2.70 ~ 8.50	1,450	630 ~ 2,890	7.3	6.7	1.0 + 1.5 + 1.5
	2.8 + 4.0 + 5.0	11.8	1.47	2.10	2.63		6.20	2.80 ~ 8.40	1,350	600 ~ 2,660	6.9	6.3	0.9 + 1.4 + 1.6
	2.8 + 4.0 + 6.0	12.8	1.35	1.94	2.91		6.20	2.80 ~ 8.40	1,350	600 ~ 2,660	6.9	6.3	0.9 + 1.3 + 1.7
	2.8 + 5.0 + 5.0	12.8	1.36	2.42	2.42		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	0.9 + 1.5 + 1.5
	2.8 + 5.0 + 6.0	13.8	1.26	2.25	2.69		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	0.8 + 1.5 + 1.6
	2.8 + 6.0 + 6.0	14.8	1.18	2.51	2.51		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	0.7 + 1.5 + 1.5
	3.2 + 3.2 + 3.2	9.6	2.06	2.06	2.06		6.18	2.40 ~ 7.80	1,620	610 ~ 2,760	8.2	7.5	1.3 + 1.3 + 1.3
	3.2 + 3.2 + 4.0	10.4	1.91	1.91	2.38		6.20	2.60 ~ 8.20	1,500	630 ~ 2,840	7.6	6.9	1.2 + 1.2 + 1.5
	3.2 + 3.2 + 5.0	11.4	1.74	1.74	2.72		6.20	2.80 ~ 8.40	1,420	620 ~ 2,800	7.2	6.6	1.1 + 1.1 + 1.6
	3.2 + 3.2 + 6.0	12.4	1.60	1.60	3.00		6.20	2.80 ~ 8.40	1,420	620 ~ 2,800	7.2	6.6	1.0 + 1.0 + 1.7
	3.2 + 4.0 + 4.0	11.2	1.78	2.21	2.21		6.20	2.80 ~ 8.40	1,420	630 ~ 2,840	7.2	6.6	1.1 + 1.4 + 1.4
	3.2 + 4.0 + 5.0	12.2	1.63	2.03	2.54		6.20	2.80 ~ 8.40	1,350	600 ~ 2,670	6.9	6.3	1.0 + 1.3 + 1.6
	3.2 + 4.0 + 6.0	13.2	1.50	1.88	2.82		6.20	2.80 ~ 8.40	1,350	600 ~ 2,670	6.9	6.3	1.0 + 1.2 + 1.7
	3.2 + 5.0 + 5.0	13.2	1.50	2.35	2.35		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	1.0 + 1.5 + 1.5
	3.2 + 5.0 + 6.0	14.2	1.40	2.18	2.62		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	0.9 + 1.4 + 1.6
	4.0 + 4.0 + 4.0	12.0	2.06	2.06	2.06		6.18	2.80 ~ 8.40	1,350	610 ~ 2,710	6.9	6.3	1.3 + 1.3 + 1.3
4.0 + 4.0 + 5.0	13.0	1.91	1.91	2.38		6.20	2.80 ~ 8.40	1,300	560 ~ 2,570	6.6	6.1	1.2 + 1.2 + 1.5	
4.0 + 4.0 + 6.0	14.0	1.77	1.77	2.66		6.20	2.80 ~ 8.40	1,300	560 ~ 2,570	6.6	6.1	1.1 + 1.1 + 1.6	
4.0 + 5.0 + 5.0	14.0	1.78	2.21	2.21		6.20	2.80 ~ 8.50	1,290	540 ~ 2,570	6.6	6.0	1.1 + 1.4 + 1.4	

• Specification based on JIS C 9612 standard.
• Switchable between 8.5amp or 11amp.

INVERTER MULTI-COMBINATION (CU-4XS30UBZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current (A) [50Hz]		Moisture Removal L/h	
			A	B	C	D	Total	min ~ max	Rated	min ~ max	220V		240V
4 Room	2.8 + 2.8 + 2.8 + 2.8	11.2	1.55	1.55	1.55	1.55	6.20	2.80 ~ 9.00	1,270	520 ~ 2,980	6.5	5.9	1.0 + 1.0 + 1.0 + 1.0
	2.8 + 2.8 + 2.8 + 3.2	11.6	1.50	1.50	1.50	1.70	6.20	2.80 ~ 9.00	1,270	510 ~ 2,980	6.5	5.9	1.0 + 1.0 + 1.0 + 1.1
	2.8 + 2.8 + 2.8 + 4.0	12.4	1.40	1.40	1.40	2.00	6.20	2.60 ~ 9.00	1,230	440 ~ 2,910	6.3	5.8	0.9 + 0.9 + 0.9 + 1.3
	2.8 + 2.8 + 2.8 + 5.0	13.4	1.30	1.30	1.30	2.30	6.20	2.40 ~ 9.00	1,230	320 ~ 2,910	6.3	5.8	0.8 + 0.8 + 0.8 + 1.5
	2.8 + 2.8 + 2.8 + 6.0	14.4	1.21	1.21	1.21	2.57	6.20	2.40 ~ 9.00	1,230	320 ~ 2,900	6.3	5.8	0.8 + 0.8 + 0.8 + 1.6
	2.8 + 2.8 + 3.2 + 3.2	12.0	1.45	1.45	1.65	1.65	6.20	2.80 ~ 9.00	1,270	510 ~ 2,980	6.5	5.9	0.9 + 0.9 + 1.1 + 1.1
	2.8 + 2.8 + 3.2 + 4.0	12.8	1.36	1.36	1.54	1.94	6.20	2.60 ~ 9.00	1,230	440 ~ 2,910	6.3	5.8	0.9 + 0.9 + 1.0 + 1.3
	2.8 + 2.8 + 3.2 + 5.0	13.8	1.26	1.26	1.44	2.24	6.20	2.30 ~ 9.00	1,230	300 ~ 2,900	6.3	5.8	0.8 + 0.8 + 0.9 + 1.5
	2.8 + 2.8 + 3.2 + 6.0	14.8	1.17	1.17	1.35	2.51	6.20	2.30 ~ 9.00	1,220	300 ~ 2,900	6.3	5.8	0.7 + 0.7 + 0.9 + 1.5
	2.8 + 2.8 + 4.0 + 4.0	13.6	1.28	1.28	1.82	1.82	6.20	2.40 ~ 9.00	1,220	320 ~ 2,900	6.3	5.8	0.8 + 0.8 + 1.2 + 1.2
	2.8 + 2.8 + 4.0 + 5.0	14.6	1.19	1.19	1.70	2.12	6.20	2.30 ~ 9.00	1,220	300 ~ 2,900	6.3	5.8	0.7 + 0.7 + 1.1 + 1.4
	2.8 + 3.2 + 3.2 + 3.2	12.4	1.40	1.60	1.60	1.60	6.20	2.70 ~ 9.00	1,270	500 ~ 2,980	6.5	5.9	0.9 + 1.0 + 1.0 + 1.0
	2.8 + 3.2 + 3.2 + 4.0	13.2	1.32	1.50	1.50	1.88	6.20	2.60 ~ 9.00	1,220	430 ~ 2,910	6.3	5.8	0.8 + 1.0 + 1.0 + 1.2
	2.8 + 3.2 + 3.2 + 5.0	14.2	1.22	1.40	1.40	2.18	6.20	2.30 ~ 9.00	1,220	300 ~ 2,900	6.3	5.8	0.8 + 0.9 + 0.9 + 1.4
	2.8 + 3.2 + 4.0 + 4.0	14.0	1.24	1.42	1.77	1.77	6.20	2.40 ~ 9.00	1,220	320 ~ 2,900	6.3	5.8	0.8 + 0.9 + 1.1 + 1.1
2.8 + 4.0 + 4.0 + 4.0	14.8	1.16	1.68	1.68	1.68	6.20	2.30 ~ 9.00	1,220	300 ~ 2,900	6.3	5.8	0.7 + 1.1 + 1.1 + 1.1	
3.2 + 3.2 + 3.2 + 3.2	12.8	1.55	1.55	1.55	1.55	6.20	2.70 ~ 9.00	1,260	500 ~ 2,920	6.4	5.9	1.0 + 1.0 + 1.0 + 1.0	
3.2 + 3.2 + 3.2 + 4.0	13.6	1.46	1.46	1.46	1.82	6.20	2.60 ~ 9.00	1,220	430 ~ 2,900	6.3	5.8	0.9 + 0.9 + 0.9 + 1.2	
3.2 + 3.2 + 3.2 + 5.0	14.6	1.36	1.36	1.36	2.12	6.20	2.30 ~ 9.00	1,220	300 ~ 2,900	6.3	5.8	0.9 + 0.9 + 0.9 + 1.4	
3.2 + 3.2 + 4.0 + 4.0	14.4	1.38	1.38	1.72	1.72	6.20	2.40 ~ 9.00	1,220	310 ~ 2,900	6.3	5.8	0.9 + 0.9 + 1.1 + 1.1	

INVERTER MULTI-COMBINATION (CU-4XS34UBZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current (A) [50Hz]		Moisture Removal L/h	
			A	B	C	D	Total	min ~ max	Rated	min ~ max	220V		240V
1 Room	2.8	2.8	2.80				2.80	1.70 ~ 3.40	700	380 ~ 890	3.7	3.4	1.6
	3.2	3.2	3.20				3.20	1.70 ~ 4.00	800	380 ~ 1,200	4.2	3.9	1.8
	4.0	4.0	4.00				4.00	1.70 ~ 4.80	1,180	380 ~ 1,480	6.0	5.5	2.3
	5.0	5.0	5.00	</									

INVERTER MULTI-SPLIT

INVERTER MULTI-COMBINATION (CU-4XS34UBZ)

INDOOR UNIT COMBINATION	Total	Cooling Capacity [kW]						Power Input [W]		Current [A] [50Hz]		Moisture Removal L/h	
		A	B	C	D	Total	min ~ max	Rated	min ~ max	220V	240V		
3 Room	2.8 + 2.8 + 6.0	11.6	1.57	1.57	3.36		6.50	2.90 ~ 10.00	1,380	520 ~ 2,670	6.7	6.2	1.0 + 1.0 + 1.9
	2.8 + 3.2 + 3.2	9.2	1.98	2.26	2.26		6.50	2.90 ~ 9.50	1,470	490 ~ 2,610	7.2	6.6	1.3 + 1.5 + 1.5
	2.8 + 3.2 + 4.0	10.0	1.82	2.08	2.60		6.50	2.90 ~ 9.60	1,470	490 ~ 2,660	7.2	6.6	1.2 + 1.3 + 1.6
	2.8 + 3.2 + 5.0	11.0	1.65	1.89	2.96		6.50	2.90 ~ 10.10	1,380	520 ~ 2,670	6.7	6.2	1.1 + 1.2 + 1.7
	2.8 + 3.2 + 6.0	12.0	1.52	1.73	3.25		6.50	2.90 ~ 10.10	1,380	520 ~ 2,670	6.7	6.2	1.0 + 1.1 + 1.8
	2.8 + 4.0 + 4.0	10.8	1.68	2.41	2.41		6.50	2.90 ~ 9.60	1,470	490 ~ 2,660	7.2	6.6	1.1 + 1.5 + 1.5
	2.8 + 4.0 + 5.0	11.8	1.54	2.20	2.76		6.50	2.90 ~ 10.10	1,380	520 ~ 2,620	6.7	6.2	1.0 + 1.4 + 1.6
	2.8 + 4.0 + 6.0	12.8	1.42	2.03	3.05		6.50	2.90 ~ 10.10	1,380	520 ~ 2,620	6.7	6.2	0.9 + 1.3 + 1.7
	2.8 + 5.0 + 5.0	12.8	1.42	2.54	2.54		6.50	2.90 ~ 10.50	1,330	560 ~ 2,630	6.5	5.9	0.9 + 1.6 + 1.6
	2.8 + 5.0 + 6.0	13.8	1.31	2.36	2.83		6.50	2.90 ~ 10.50	1,330	560 ~ 2,630	6.5	5.9	0.8 + 1.5 + 1.7
	2.8 + 6.0 + 6.0	14.8	1.22	2.64	2.64		6.50	2.90 ~ 10.50	1,330	560 ~ 2,630	6.5	5.9	0.8 + 1.6 + 1.6
	3.2 + 3.2 + 3.2	9.6	2.16	2.16	2.16		6.48	2.90 ~ 9.70	1,420	490 ~ 2,710	6.9	6.3	1.4 + 1.4 + 1.4
	3.2 + 3.2 + 4.0	10.4	2.00	2.00	2.50		6.50	2.90 ~ 9.70	1,420	490 ~ 2,670	6.9	6.3	1.3 + 1.3 + 1.5
	3.2 + 3.2 + 5.0	11.4	1.82	1.82	2.86		6.50	2.90 ~ 10.20	1,330	520 ~ 2,670	6.5	5.9	1.2 + 1.2 + 1.7
	3.2 + 3.2 + 6.0	12.4	1.68	1.68	3.14		6.50	2.90 ~ 10.20	1,330	520 ~ 2,670	6.5	5.9	1.1 + 1.1 + 1.8
	3.2 + 4.0 + 4.0	11.2	1.86	2.32	2.32		6.50	2.90 ~ 9.70	1,420	520 ~ 2,670	6.9	6.3	1.2 + 1.5 + 1.5
	3.2 + 4.0 + 5.0	12.2	1.70	2.13	2.67		6.50	2.90 ~ 10.20	1,330	520 ~ 2,620	6.5	5.9	1.1 + 1.4 + 1.6
	3.2 + 4.0 + 6.0	13.2	1.58	1.97	2.95		6.50	2.90 ~ 10.20	1,330	520 ~ 2,620	6.5	5.9	1.0 + 1.3 + 1.7
	3.2 + 5.0 + 5.0	13.2	1.58	2.46	2.46		6.50	2.90 ~ 10.50	1,330	590 ~ 2,530	6.5	5.9	1.0 + 1.5 + 1.5
	3.2 + 5.0 + 6.0	14.2	1.46	2.29	2.75		6.50	2.90 ~ 10.50	1,330	590 ~ 2,530	6.5	5.9	0.9 + 1.5 + 1.6
	3.2 + 6.0 + 6.0	15.2	1.36	2.57	2.57		6.50	2.90 ~ 10.50	1,330	590 ~ 2,530	6.5	5.9	0.9 + 1.6 + 1.6
	4.0 + 4.0 + 4.0	12.0	2.16	2.16	2.16		6.48	2.90 ~ 9.70	1,420	520 ~ 2,620	6.9	6.3	1.4 + 1.4 + 1.4
	4.0 + 4.0 + 5.0	13.0	2.00	2.00	2.50		6.50	2.90 ~ 10.30	1,330	520 ~ 2,720	6.5	5.9	1.3 + 1.3 + 1.5
	4.0 + 4.0 + 6.0	14.0	1.86	1.86	2.78		6.50	2.90 ~ 10.30	1,330	520 ~ 2,720	6.5	5.9	1.2 + 1.2 + 1.6
	4.0 + 5.0 + 5.0	14.0	1.86	2.32	2.32		6.50	2.90 ~ 10.50	1,340	590 ~ 2,530	6.5	6.0	1.2 + 1.5 + 1.5
	4.0 + 5.0 + 6.0	15.0	1.73	2.17	2.60		6.50	2.90 ~ 10.50	1,340	590 ~ 2,530	6.5	6.0	1.1 + 1.4 + 1.6
	5.0 + 5.0 + 5.0	15.0	2.16	2.16	2.16		6.48	2.90 ~ 10.50	1,300	640 ~ 2,340	6.3	5.8	1.4 + 1.4 + 1.4
4 Room	2.8 + 2.8 + 2.8 + 2.8	11.2	1.63	1.63	1.63	1.63	6.50	2.90 ~ 10.60	1,330	560 ~ 2,770	6.5	5.9	1.0 + 1.0 + 1.0 + 1.0
	2.8 + 2.8 + 2.8 + 3.2	11.6	1.57	1.57	1.57	1.79	6.50	2.90 ~ 10.60	1,330	560 ~ 2,770	6.5	5.9	1.0 + 1.0 + 1.0 + 1.2
	2.8 + 2.8 + 2.8 + 4.0	12.4	1.47	1.47	1.47	2.09	6.50	2.90 ~ 10.60	1,330	560 ~ 2,720	6.5	5.9	0.9 + 0.9 + 0.9 + 1.4
	2.8 + 2.8 + 2.8 + 5.0	13.4	1.36	1.36	1.36	2.42	6.50	2.90 ~ 10.60	1,300	600 ~ 2,440	6.3	5.8	0.9 + 0.9 + 0.9 + 1.5
	2.8 + 2.8 + 2.8 + 6.0	14.4	1.26	1.26	1.26	2.72	6.50	2.90 ~ 10.60	1,300	600 ~ 2,440	6.3	5.8	0.8 + 0.8 + 0.8 + 1.6
	2.8 + 2.8 + 3.2 + 3.2	12.0	1.52	1.52	1.73	1.73	6.50	2.90 ~ 10.60	1,330	560 ~ 2,680	6.5	5.9	1.0 + 1.0 + 1.1 + 1.1
	2.8 + 2.8 + 3.2 + 4.0	12.8	1.42	1.42	1.63	2.03	6.50	2.90 ~ 10.60	1,330	560 ~ 2,680	6.5	5.9	0.9 + 0.9 + 1.0 + 1.3
	2.8 + 2.8 + 3.2 + 5.0	13.8	1.32	1.32	1.51	2.35	6.50	2.90 ~ 10.60	1,300	640 ~ 2,440	6.3	5.8	0.8 + 0.8 + 1.0 + 1.5
	2.8 + 2.8 + 3.2 + 6.0	14.8	1.23	1.23	1.41	2.63	6.50	2.90 ~ 10.60	1,300	640 ~ 2,440	6.3	5.8	0.8 + 0.8 + 0.9 + 1.6
	2.8 + 2.8 + 4.0 + 4.0	13.6	1.34	1.34	1.91	1.91	6.50	2.90 ~ 10.60	1,330	560 ~ 2,630	6.5	5.9	0.8 + 0.8 + 1.2 + 1.2
	2.8 + 2.8 + 4.0 + 5.0	14.6	1.25	1.25	1.78	2.22	6.50	2.90 ~ 10.60	1,300	640 ~ 2,390	6.3	5.8	0.8 + 0.8 + 1.1 + 1.4
	2.8 + 2.8 + 4.0 + 6.0	15.6	1.17	1.17	1.67	2.49	6.50	2.90 ~ 10.60	1,300	640 ~ 2,390	6.3	5.8	0.7 + 0.7 + 1.1 + 1.5
	2.8 + 2.8 + 5.0 + 5.0	15.6	1.17	1.17	2.08	2.08	6.50	2.90 ~ 10.60	1,310	700 ~ 2,260	6.4	5.8	0.7 + 0.7 + 1.3 + 1.3
	2.8 + 3.2 + 3.2 + 3.2	12.4	1.46	1.68	1.68	1.68	6.50	2.90 ~ 10.60	1,290	590 ~ 2,630	6.3	5.8	0.9 + 1.1 + 1.1 + 1.1
	2.8 + 3.2 + 3.2 + 4.0	13.2	1.37	1.58	1.58	1.97	6.50	2.90 ~ 10.60	1,290	590 ~ 2,580	6.3	5.8	0.9 + 1.0 + 1.0 + 1.3
	2.8 + 3.2 + 3.2 + 5.0	14.2	1.28	1.46	1.46	2.30	6.50	2.90 ~ 10.60	1,300	640 ~ 2,390	6.3	5.8	0.8 + 0.9 + 0.9 + 1.5
	2.8 + 3.2 + 3.2 + 6.0	15.2	1.20	1.37	1.37	2.56	6.50	2.90 ~ 10.60	1,300	640 ~ 2,390	6.3	5.8	0.7 + 0.9 + 0.9 + 1.6
	2.8 + 3.2 + 4.0 + 4.0	14.0	1.29	1.49	1.86	1.86	6.50	2.90 ~ 10.60	1,290	600 ~ 2,580	6.3	5.8	0.8 + 0.9 + 1.2 + 1.2
	2.8 + 3.2 + 4.0 + 5.0	15.0	1.21	1.39	1.73	2.17	6.50	2.90 ~ 10.60	1,300	650 ~ 2,390	6.3	5.8	0.8 + 0.9 + 1.1 + 1.4
	2.8 + 4.0 + 4.0 + 4.0	14.8	1.22	1.76	1.76	1.76	6.50	2.90 ~ 10.60	1,290	600 ~ 2,580	6.3	5.8	0.8 + 1.1 + 1.1 + 1.1
	3.2 + 3.2 + 3.2 + 3.2	12.8	1.63	1.63	1.63	1.63	6.50	2.90 ~ 10.60	1,290	600 ~ 2,580	6.3	5.8	1.0 + 1.0 + 1.0 + 1.0
	3.2 + 3.2 + 3.2 + 4.0	13.6	1.53	1.53	1.53	1.91	6.50	2.90 ~ 10.60	1,290	600 ~ 2,530	6.3	5.8	1.0 + 1.0 + 1.0 + 1.2
	3.2 + 3.2 + 3.2 + 5.0	14.6	1.42	1.42	1.42	2.24	6.50	2.90 ~ 10.60	1,300	650 ~ 2,350	6.3	5.8	0.9 + 0.9 + 0.9 + 1.5
	3.2 + 3.2 + 3.2 + 6.0	15.6	1.33	1.33	1.33	2.51	6.50	2.90 ~ 10.60	1,300	650 ~ 2,350	6.3	5.8	0.8 + 0.8 + 0.8 + 1.5
	3.2 + 3.2 + 4.0 + 4.0	14.4	1.44	1.44	1.81	1.81	6.50	2.90 ~ 10.60	1,290	600 ~ 2,530	6.3	5.8	0.9 + 0.9 + 1.2 + 1.2
	3.2 + 3.2 + 4.0 + 5.0	15.4	1.35	1.35	1.69	2.11	6.50	2.90 ~ 10.60	1,300	650 ~ 2,350	6.3	5.8	0.9 + 0.9 + 1.1 + 1.4
	3.2 + 4.0 + 4.0 + 4.0	15.2	1.37	1.71	1.71	1.71	6.50	2.90 ~ 10.60	1,300	600 ~ 2,530	6.3	5.8	0.9 + 1.1 + 1.1 + 1.1

• Specification based on JIS C 9612 standard.
• Switchable between 8.5amp or 11amp.

CONNECTION OF COOLING MULTI INVERTER

Outdoor Unit	Indoor		
	Type	Maximum Connectable Indoor unit kW	KW
CU-2XS20UKZ  	Wall Mounted 	6.4	2.8 3.2
CU-3XS27UKZ  	Wall Mounted 	13.2	2.8 3.2 4.0 5.0
CU-4XS30UBZ  	Wall Mounted  Mini Cassette 	14.8	2.8 3.2 4.0 5.0 6.0 3.2 5.0 6.0
	Slim Ducted 		2.8 3.2 5.0 6.0
CU-4XS34UBZ  	Wall Mounted  Mini Cassette 	15.6	2.8 3.2 4.0 5.0 6.0 3.2 5.0 6.0
	Slim Ducted 		2.8 3.2 5.0 6.0

INVERTER MULTI-SPLIT

WALL MOUNTED DELUXE INVERTER TYPE



Wireless



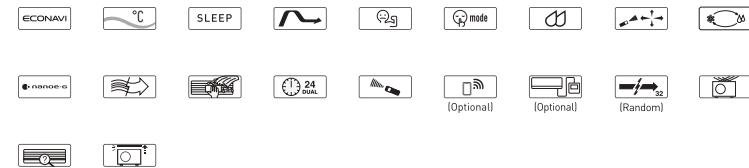
Wired (Optional)



Network Adaptor (Optional)

CS-S9TKZW | CS-S12TKZW | CS-MS15TKZ
CS-S18TKZW | CS-S24TKZW

COOLING MODELS



MINI CASSETTE



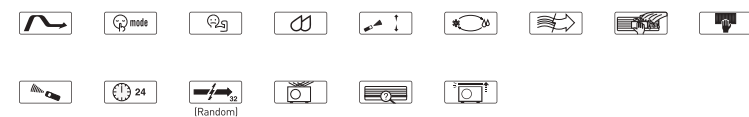
Panel CZ-BT20EW



Wireless



CS-S12MB4ZW | CS-S18MB4ZW
CS-S24MB4ZW

COOLING MODELS



OUTDOOR

INVERTER DUAL-SPLIT MODEL

MODELS	CU-2S18PKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
2 Rooms	 	Port A 2.8 or 3.2 Either unit Port B 2.8 or 3.2 Either unit

• It is possible to have a combination of wall-mounted models (CS-S9, S12TKZW) for the (CU-2S18PKZ) Outdoor Unit Ports.

INVERTER TRIPLE-SPLIT MODEL



MODELS	CU-3S27VKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
3 Rooms	 	Port A 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port B 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port C 2.8 or 3.2 or 4.0 or 5.0 or 6.0

• It is possible to have a combination of wall-mounted models (CS-S9, S12, S18, S24TKZW, CS-MS15TKZ) for the (CU-3S27VKZ) Outdoor Unit Ports.

MODELS	CU-3S27KKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
3 Rooms	 	Port A 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port B 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port C 2.8 or 3.2 or 4.0 or 5.0 or 6.0

• It is possible to have a combination of wall-mounted models (CS-S9, S12, S18, S24TKZW, CS-MS15TKZ) and mini cassette models (CS-S12, S18, S24MB4ZW) for the (CU-3S27KKZ) Outdoor Unit Ports.
• A minimum of 5.0kW capacity if 1 indoor units is connected.

INVERTER QUADRUPLE-SPLIT MODEL

MODELS	CU-4S27VKZ	Indoor Units: Possible Combination Patterns (Must be within capacity range)
4 Rooms	 	Port A 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port B 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port C 2.8 or 3.2 or 4.0 or 5.0 or 6.0 Port D 2.8 or 3.2 or 4.0 or 5.0 or 6.0

• It is possible to have a combination of wall-mounted models (CS-S9, S12, S18, S24TKZW, CS-MS15TKZ) for the (CU-4S27VKZ) Outdoor Unit Ports.

INVERTER MULTI-SPLIT

INDOOR

DELUXE INVERTER SPECIFICATIONS

MODEL	(50Hz)	CS-S9TKZW	CS-S12TKZW	CS-MS15TKZ	CS-S18TKZW	CS-S24TKZW	
Operation		1 unit	1 unit	1 unit	1 unit	1 unit	
Cooling Capacity	Btu/h	9,550	10,900	13,600	17,100	20,500	
	kW	2.80	3.20	4.00	5.00	6.00	
Electrical Data	Voltage	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	
Sound Pressure Level	Indoor (H/L)	40/29	44/32	45/32	47/38	48/39	
Moisture Removal	L/h	1.6	1.8	2.3	2.7	3.3	
	m ³ /min	9.8	11.0	12.8	19.3	20.3	
Air Circulation	ft ³ /min	345	390	450	680	715	
Fan Output	W	40	40	40	*40/30	30	
	Height	mm	295	295	295	302	302
Dimensions	Width	mm	919	919	919	1,120	1,120
	Depth	mm	199	199	199	241	241
Net Weight Indoor	kg	9	9	9	12	12	
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 12.7	
Power Supply		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	

* Fan Output for CS-S18TKZW, 40 for CU-3S27MKZ and 30 for CU-3S27KKZ

MINI CASSETTE SPECIFICATIONS

MODEL	(50Hz)	CS-S12MB4ZW	CS-S18MB4ZW	CS-S24MB4ZW	
Operation		1 unit	1 unit	1 unit	
Cooling Capacity	Btu/h	10,900	17,100	20,500	
	kW	3.20	5.00	6.00	
Electrical Data	Voltage	220 - 240	220 - 240	220 - 240	
Sound Pressure Level	Indoor (H/L)	34 / 26	36 / 28	41 / 33	
Moisture Removal	L/h	1.8	2.7	3.3	
	m ³ /min	10.5	11.0	12.8	
Air Circulation	ft ³ /min	370	390	450	
Fan Output	W	40	40	40	
	Height	mm	260	260	260
Dimensions	Width	mm	575	575	575
	Depth	mm	575	575	575
Net Weight Indoor	kg	18	18	18	
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 12.70
Power Supply		Outdoor	Outdoor	Outdoor	

OUTDOOR

MODEL	(50Hz)	DUAL-SPLIT MODEL	TRIPLE-SPLIT MODEL		QUADRUPLE-SPLIT MODEL	
		CU-2S18PKZ	CU-3S27VKZ	CU-3S27KKZ	CU-4S27VKZ	
Cooling Capacity	(min-max) kW	5.00 (1.50-6.00)	7.50 (2.80-8.00)	7.50 (2.80-9.00)	7.50 (2.80-8.00)	
	(min-max) Btu/h	17,100 (5,120-20,500)	25,600 (9,550-27,300)	25,600 (9,550-30,700)	25,600 (9,550-27,300)	
COP	(min-max) W/W	3.57 (6.00-3.43)	3.64 (5.38-3.02)	3.64 (5.38-3.18)	3.64 (5.38-3.16)	
EER	(min-max) Btu/h/W	12.21 (20.48-11.71)	12.43 (18.37-10.30)	12.43 (18.37-10.85)	12.43 (18.37-10.79)	
Weighted COP	W/W	4.03	4.11	4.40	4.11	
	Voltage	V	220 - 240	220 - 240	220 - 240	220 - 240
Electrical Data	Current	A	6.6-6.1	10.2-9.4	10.1-9.2	10.2-9.4
	Power Input (min-max)	W	1,400 (250-1,750)	2,060 (520-2,650)	2,060 (520-2,830)	2,060 (520-2,530)
Sound Pressure Level	Outdoor (H/L)	dB (A)	49	49	49	49
Maximum Current	A	12.0	15.2	15.2	15.2	
Starting Current	A	6.6	10.2	10.1	10.2	
Compressor Output	W	900	1,300	1,300	1,300	
Fan Output	W	40	40	60	40	
	Height	mm	619	695	795	695
Dimensions	Width	mm	824 (+70)	875 (+95)	875 (+95)	875 (+95)
	Depth	mm	299	320	320	320
Net Weight	Outdoor	kg	37	57	68	57
	Chargeless Pipe Length	m	20	30	30	35
Pipe Extension	Maximum Pipe Length	1 Room	20	25	25	25
		Total	30	60	60	60
	Maximum Elevation Length	m	10	15	15	15
		Additional Refrigerant Gas*	g/m	15	20	20

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

INVERTER DUAL-SPLIT MODEL (CU-2S18PKZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)				Power Input (W)		Current (A) [50Hz]		Moisture Removal L/h
			A	B	Total	min ~ max	Rated	min ~ max	220V	240V	
1 Room	2.8	2.8	2.80	—	2.80	1.10 ~ 3.50	750	220 ~ 1,000	3.7	3.4	1.6
	3.2	3.2	3.20	—	3.20	1.10 ~ 4.00	920	220 ~ 1,220	4.5	4.2	1.8
2 Room	2.8 + 2.8	5.6	2.40	2.40	4.80	1.50 ~ 5.80	1,310	250 ~ 1,690	6.4	5.9	1.5 + 1.5
	2.8 + 3.2	6.0	2.30	2.70	5.00	1.50 ~ 5.90	1,490	250 ~ 1,710	7.3	6.8	1.5 + 1.6
	3.2 + 3.2	6.4	2.50	2.50	5.00	1.50 ~ 6.00	1,400	250 ~ 1,750	6.6	6.1	1.5 + 1.5

INVERTER TRIPLE-SPLIT MODEL (CU-3S27VKZ)

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)			Power Input (W)		Current (A) [50Hz]		Moisture Removal L/h		
			A	B	C	Total	min ~ max	Rated	min ~ max		220V	240V
1 Room	2.8	2.8	2.80			2.80	1.7 ~ 3.4	700	380 ~ 890	3.8	3.5	1.6
	3.2	3.2	3.20			3.20	1.7 ~ 4.0	800	380 ~ 1,200	4.3	3.9	1.8
	4.0	4.0	4.00			4.00	1.7 ~ 4.8	1,180	380 ~ 1,480	6.1	5.6	2.3
	5.0	5.0	5.00			5.00	1.9 ~ 5.8	1,460	400 ~ 1,890	7.4	6.8	2.7
	6.0	6.0	6.00			6.00	1.9 ~ 6.2	1,920	400 ~ 2,070	9.3	8.6	3.3
2 Room	2.8 + 2.8	5.6	2.80	2.80		5.60	1.7 ~ 6.4	1,700	420 ~ 2,550	8.5	7.8	1.6 + 1.6
	2.8 + 3.2	6.0	2.80	3.20		6.00	1.7 ~ 6.5	1,950	420 ~ 2,540	9.8	9.0	1.6 + 1.8
	2.8 + 4.0	6.8	2.80	4.00		6.80	2.5 ~ 7.3	2,350	550 ~ 3,260	11.7	10.7	1.6 + 2.3
	2.8 + 5.0	7.8	2.69	4.81		7.50	2.7 ~ 7.7	2,730	530 ~ 3,240	13.6	12.4	1.6 + 2.6
	2.8 + 6.0	8.8	2.39	5.11		7.50	2.7 ~ 7.7	2,730	530 ~ 3,240	13.6	12.4	1.5 + 2.8
	3.2 + 3.2	6.4	3.20	3.20		6.40	2.3 ~ 7.1	2,220	570 ~ 3,270	11.0	10.1	1.8 + 1.8
	3.2 + 4.0	7.2	3.20	4.00		7.20	2.5 ~ 7.4	2,700	550 ~ 3,260	13.4	12.3	1.8 + 2.3
	3.2 + 5.0	8.2	2.93	4.57		7.50	2.8 ~ 7.7	2,680	530 ~ 3,240	13.3	12.2	1.7 + 2.5
	3.2 + 6.0	9.2	2.61	4.89		7.50	2.8 ~ 7.7	2,680	530 ~ 3,240	13.3	12.2	1.6 + 2.7
	4.0 + 4.0	8.0	3.75	3.75		7.50	2.7 ~ 7.6	2,790	540 ~ 3,240	13.9	12.7	2.2 + 2.2
	4.0 + 5.0	9.0	3.33	4.17		7.50	2.8 ~ 7.8	2,520	530 ~ 3,230	12.5	11.5	1.9 + 2.4
	4.0 + 6.0	10.0	3.00	4.50		7.50	2.8 ~ 7.8	2,520	530 ~ 3,230	12.5	11.5	1.7 + 2.5
	5.0 + 5.0	10.0	3.75	3.75		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.2 + 2.2
	5.0 + 6.0	11.0	3.41	4.09		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.0 + 2.3
	6.0 + 6.0	12.0	3.75	3.75		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.2 + 2.2
3 Room	2.8 + 2.8 + 2.8	8.4	2.50	2.50	2.50	7.50	2.4 ~ 7.6	2,240	580 ~ 2,580	11.1	10.2	1.5 + 1.5 + 1.5
	2.8 + 2.8 + 3.2	8.8	2.39	2.39	2.72	7.50	2.4 ~ 7.7	2,240	580 ~ 2,640	11.1	10.2	1.5 + 1.5 + 1.6
	2.8 + 2.8 + 4.0	9.6	2.19	2.19	3.12	7.50	2.6 ~ 8.0	2,220	600 ~ 2,890	11.0	10.1	1.4 + 1.4 + 1.8
	2.8 + 2.8 + 5.0	10.6	1.98	1.98	3.54	7.50	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.3 + 1.3 + 2.0
	2.8 + 2.8 + 6.0	11.6	1.81	1.81	3.88	7.50	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.2 + 1.2 + 2.3
	2.8 + 3.2 + 3.2	9.2	2.28	2.61	2.61	7.50	2.4 ~ 7.7	2,240	580 ~ 2,650	11.1	10.2	1.5 + 1.6 + 1.6
	2.8 + 3.2 + 4.0	10.0	2.10	2.40	3.00	7.50	2.6 ~ 8.0	2,220	600 ~ 2,900	11.0	10.1	1.4 + 1.5 + 1.7
	2.8 + 3.2 + 5.0	11.0	1.91	2.18	3.41	7.50	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.2 + 1.4 + 2.0
	2.8 + 3.2 + 6.0	12.0	1.75	2.00	3.75	7.50	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.1 + 1.3 + 2.2
	2.8 + 4.0 + 4.0	10.8	1.94	2.78	2.78	7.50	2.7 ~ 8.0	2,220	600 ~ 2,890	11.0	10.1	1.3 + 1.6 + 1.6
	2.8 + 4.0 + 5.0	11.8	1.78	2.54	3.18	7.50	2.8 ~ 8.0	2,100	580 ~ 2,760	10.4	9.6	1.1 + 1.6 + 1.8
	2.8 + 4.0 + 6.0	12.8	1.64	2.34	3.52	7.50	2.8 ~ 8.0	2,100	580 ~ 2,760	10.4	9.6	1.0 + 1.5 + 2.0
	2.8 + 5.0 + 5.0	12.8	1.64	2.93	2.93	7.50	2.8 ~ 8.0	2,060	520 ~ 2,650	10.2	9.4	1.0 + 1.7 + 1.7
	3.2 + 3.2 + 3.2	9.6	2.50	2.50	2.50	7.50	2.4 ~ 7.7	2,240	590 ~ 2,600	11.1	10.2	1.5 + 1.5 + 1.5
	3.2 + 3.2 + 4.0	10.4	2.31	2.31	2.88	7.50	2.6 ~ 8.0	2,220	600 ~ 2,900	11.0	10.1	1.5 + 1.5 + 1.7
3.2 + 3.2 + 5.0	11.4	2.11	2.11	3.28	7.50	2.8 ~ 8.0	2,150	600 ~ 2,860	10.7	9.8	1.4 + 1.4 + 1.9	
3.2 + 3.2 + 6.0	12.4	1.94	1.94	3.62	7.50	2.8 ~ 8.0	2,150	600 ~ 2,860	10.7	9.8	1.3 + 1.3 + 2.1	
3.2 + 4.0 + 4.0	11.2	2.14	2.68	2.68	7.50	2.8 ~ 8.0	2,190	600 ~ 2,840	10.9	10.0	1.4 + 1.6 + 1.6	
3.2 + 4.0 + 5.0	12.2	1.97	2.46	3.07	7.50	2.8 ~ 8.0	2,100	580 ~ 2,770	10.4	9.6	1.3 + 1.5 + 1.7	
3.2 + 4.0 + 6.0	13.2	1.82	2.27	3.41	7.50	2.8 ~ 8.0	2,100	580 ~ 2,770	10.4	9.6	1.2 + 1.5 + 2.0	
3.2 + 5.0 + 5.0	13.2	1.82	2.84	2.84	7.50	2.8 ~ 8.0	2,060	520 ~ 2,650	10.2	9.4	1.2 + 1.7 + 1.7	
4.0 + 4.0 + 4.0	12.0	2.50	2.50	2.50	7.50	2.8 ~ 8.0	2,160	590 ~ 2,820	10.7	9.8	1.5 + 1.5 + 1.5	
4.0 + 4.0 + 5.0	13.0	2.31	2.31	2.88	7.50	2.8 ~ 8.0	2,060	540 ~ 2,650	10.2	9.4	1.5 + 1.5 + 1.7	

• Specification based on JIS C 9612 standard.
• Switchable between 8.5amp or 11amp.

INVERTER MULTI-SPLIT

INVERTER TRIPLE-SPLIT MODEL (CU-3S27KKZ)



INDOOR UNIT COMBINATION	Total	Cooling Capacity (kW)				Power Input (W)		Current (A) [50Hz]		Moisture Removal L/h	
		A	B	C	Total	min ~ max	Rated	min ~ max	220V		240V
1 Room	2.8	2.8	2.80		2.80	1.70 ~ 3.40	700	380 ~ 890	3.7	3.4	1.6
	3.2	3.2	3.20		3.20	1.70 ~ 4.00	800	380 ~ 1,200	4.2	3.9	1.8
	4.0	4.0	4.00		4.00	1.70 ~ 4.80	1,180	380 ~ 1,480	6.0	5.5	2.3
	5.0	5.0	5.00		5.00	1.90 ~ 5.80	1,460	400 ~ 1,890	7.3	6.7	2.7
	6.0	6.0	6.00		6.00	1.90 ~ 6.20	1,920	400 ~ 2,070	9.3	8.6	3.3
2 Room	2.8+2.8	5.6	2.80	2.80	5.60	1.70 ~ 6.70	1,750	420 ~ 2,340	8.6	7.9	1.6+1.6
	2.8+3.2	6.0	2.80	3.20	6.00	1.70 ~ 6.70	2,010	420 ~ 2,340	9.8	9.0	1.6+1.8
	2.8+4.0	6.8	2.80	4.00	6.80	2.50 ~ 7.60	2,420	550 ~ 2,990	11.8	10.8	1.6+2.3
	2.8+5.0	7.8	2.69	4.81	7.50	2.70 ~ 8.00	2,810	530 ~ 2,980	13.7	12.6	1.6+2.6
	2.8+6.0	8.8	2.39	5.11	7.50	2.70 ~ 8.00	2,810	530 ~ 2,980	13.7	12.6	1.5+2.8
	3.2+3.2	6.4	3.20	3.20	6.40	2.30 ~ 7.40	2,290	570 ~ 3,010	11.2	10.3	1.8+1.8
	3.2+4.0	7.2	3.20	4.00	7.20	2.50 ~ 7.70	2,770	550 ~ 2,990	13.5	12.4	1.8+2.3
	3.2+5.0	8.2	2.93	4.57	7.50	2.80 ~ 8.00	2,760	530 ~ 2,970	13.5	12.4	1.7+2.5
	3.2+6.0	9.2	2.61	4.89	7.50	2.80 ~ 8.00	2,760	530 ~ 2,970	13.5	12.4	1.6+2.7
	4.0+4.0	8.0	3.75	3.75	7.50	2.70 ~ 7.90	2,870	540 ~ 2,980	14.0	12.9	2.2+2.2
	4.0+5.0	9.0	3.33	4.17	7.50	2.80 ~ 8.10	2,600	530 ~ 2,970	12.7	11.6	1.9+2.4
	4.0+6.0	10.0	3.00	4.50	7.50	2.80 ~ 8.10	2,600	530 ~ 2,970	12.7	11.6	1.7+2.5
	5.0+5.0	10.0	3.75	3.75	7.50	2.90 ~ 8.30	2,440	520 ~ 2,970	11.9	10.9	2.2+2.2
	5.0+6.0	11.0	3.41	4.09	7.50	2.90 ~ 8.30	2,440	520 ~ 2,970	11.9	10.9	2.0+2.3
	6.0+6.0	12.0	3.75	3.75	7.50	2.90 ~ 8.30	2,440	520 ~ 2,970	11.9	10.9	2.2+2.2
3 Room	2.8+2.8+2.8	8.4	2.50	2.50	2.50	2.40 ~ 7.90	2,740	580 ~ 2,840	13.4	12.3	1.5+1.5+1.5
	2.8+2.8+3.2	8.8	2.39	2.39	2.72	2.40 ~ 8.00	2,690	580 ~ 2,850	13.1	12.1	1.5+1.5+1.6
	2.8+2.8+4.0	9.6	2.19	2.19	3.12	2.60 ~ 8.40	2,490	600 ~ 2,930	12.2	11.2	1.4+1.4+1.8
	2.8+2.8+5.0	10.6	1.98	1.98	3.54	2.80 ~ 8.80	2,250	600 ~ 3,010	11.0	10.1	1.3+1.3+2.0
	2.8+2.8+6.0	11.6	1.81	1.81	3.88	2.80 ~ 8.80	2,250	600 ~ 3,010	11.0	10.1	1.2+1.2+2.3
	2.8+3.2+3.2	9.2	2.28	2.61	2.61	2.40 ~ 8.00	2,690	580 ~ 2,860	13.1	12.1	1.5+1.6+1.6
	2.8+3.2+4.0	10.0	2.10	2.40	3.00	2.60 ~ 8.40	2,450	600 ~ 2,930	12.0	11.0	1.4+1.5+1.7
	2.8+3.2+5.0	11.0	1.91	2.18	3.41	2.80 ~ 8.80	2,250	600 ~ 3,020	11.0	10.1	1.2+1.4+2.0
	2.8+3.2+6.0	12.0	1.75	2.00	3.75	2.80 ~ 8.80	2,250	600 ~ 3,020	11.0	10.1	1.1+1.3+2.2
	2.8+4.0+4.0	10.8	1.94	2.78	2.78	2.70 ~ 8.70	2,290	600 ~ 3,000	11.2	10.3	1.3+1.6+1.6
	2.8+4.0+5.0	11.8	1.78	2.54	3.18	2.80 ~ 9.00	2,170	580 ~ 3,050	10.6	9.7	1.1+1.6+1.8
	2.8+4.0+6.0	12.8	1.64	2.34	3.52	2.80 ~ 9.00	2,170	580 ~ 3,050	10.6	9.7	1.0+1.5+2.0
	2.8+5.0+5.0	12.8	1.64	2.93	2.93	2.80 ~ 9.00	2,070	520 ~ 2,830	10.1	9.3	1.0+1.7+1.7
	3.2+3.2+3.2	9.6	2.50	2.50	2.50	2.40 ~ 8.00	2,650	590 ~ 2,860	13.0	11.9	1.5+1.5+1.5
	3.2+3.2+4.0	10.4	2.31	2.31	2.88	2.60 ~ 8.40	2,450	600 ~ 2,940	12.0	11.0	1.5+1.5+1.7
	3.2+3.2+5.0	11.4	2.11	2.11	3.28	2.80 ~ 8.80	2,250	600 ~ 3,020	11.0	10.1	1.4+1.4+1.9
	3.2+3.2+6.0	12.4	1.94	1.94	3.62	2.80 ~ 8.80	2,250	600 ~ 3,020	11.0	10.1	1.3+1.3+2.1
	3.2+4.0+4.0	11.2	2.14	2.68	2.68	2.80 ~ 8.70	2,290	600 ~ 3,000	11.2	10.3	1.4+1.6+1.6
	3.2+4.0+5.0	12.2	1.97	2.46	3.07	2.80 ~ 9.00	2,170	580 ~ 3,060	10.6	9.7	1.3+1.5+1.7
	3.2+4.0+6.0	13.2	1.82	2.27	3.41	2.80 ~ 9.00	2,170	580 ~ 3,060	10.6	9.7	1.2+1.5+2.0
	3.2+5.0+5.0	13.2	1.82	2.84	2.84	2.80 ~ 9.00	2,060	520 ~ 2,830	10.1	9.2	1.2+1.7+1.7
	4.0+4.0+4.0	12.0	2.50	2.50	2.50	2.80 ~ 9.00	2,170	590 ~ 3,040	10.6	9.7	1.5+1.5+1.5
	4.0+4.0+5.0	13.0	2.31	2.31	2.88	2.80 ~ 9.00	2,070	540 ~ 2,830	10.1	9.3	1.5+1.5+1.7

• Specification based on JIS C 9612 standard.
 • A minimum of 5.0kW capacity if 1 indoor unit is connected.
 • Switchable between 8.5amp or 11amp.







INVERTER QUADRUPLE-SPLIT MODEL (CU-4S27VKZ)

INDOOR UNIT COMBINATION	Total	Cooling Capacity (kW)					Power Input (W)		Current (A) [50Hz]		Moisture Removal L/h	
		A	B	C	D	Total	min ~ max	Rated	min ~ max	220V		240V
1 Room	2.8	2.8	2.80			2.80	1.7 ~ 3.4	700	380 ~ 890	3.8	3.5	1.6
	3.2	3.2	3.20			3.20	1.7 ~ 4.0	800	380 ~ 1,200	4.3	3.9	1.8
	4.0	4.0	4.00			4.00	1.7 ~ 4.8	1,180	380 ~ 1,480	6.1	5.6	2.3
	5.0	5.0	5.00			5.00	1.9 ~ 5.8	1,460	400 ~ 1,890	7.4	6.8	2.7
	6.0	6.0	6.00			6.00	1.9 ~ 6.2	1,920	400 ~ 2,070	9.3	8.6	3.3
2 Room	2.8+2.8	5.6	2.80	2.80		5.60	1.7 ~ 6.4	1,700	420 ~ 2,550	8.5	7.8	1.6+1.6
	2.8+3.2	6.0	2.80	3.20		6.00	1.7 ~ 6.5	1,950	420 ~ 2,540	9.8	9.0	1.6+1.8
	2.8+4.0	6.8	2.80	4.00		6.80	2.5 ~ 7.3	2,350	550 ~ 3,260	11.7	10.7	1.6+2.3
	2.8+5.0	7.8	2.69	4.81		7.50	2.7 ~ 7.7	2,730	530 ~ 3,240	13.6	12.4	1.6+2.6
	2.8+6.0	8.8	2.39	5.11		7.50	2.7 ~ 7.7	2,730	530 ~ 3,240	13.6	12.4	1.5+2.8
	3.2+3.2	6.4	3.20	3.20		6.40	2.3 ~ 7.1	2,220	570 ~ 3,270	11.0	10.1	1.8+1.8
	3.2+4.0	7.2	3.20	4.00		7.20	2.5 ~ 7.4	2,700	550 ~ 3,260	13.4	12.3	1.8+2.3
	3.2+5.0	8.2	2.93	4.57		7.50	2.8 ~ 7.7	2,680	530 ~ 3,240	13.3	12.2	1.7+2.5
	3.2+6.0	9.2	2.61	4.89		7.50	2.8 ~ 7.7	2,680	530 ~ 3,240	13.3	12.2	1.6+2.7
	4.0+4.0	8.0	3.75	3.75		7.50	2.7 ~ 7.6	2,790	540 ~ 3,240	13.9	12.7	2.2+2.2
	4.0+5.0	9.0	3.33	4.17		7.50	2.8 ~ 7.8	2,520	530 ~ 3,230	12.5	11.5	1.9+2.4
	4.0+6.0	10.0	3.00	4.50		7.50	2.8 ~ 7.8	2,520	530 ~ 3,230	12.5	11.5	1.7+2.5
	5.0+5.0	10.0	3.75	3.75		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.2+2.2
	5.0+6.0	11.0	3.41	4.09		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.0+2.3
	6.0+6.0	12.0	3.75	3.75		7.50	2.9 ~ 8.0	2,380	520 ~ 3,230	11.8	10.8	2.2+2.2
3 Room	2.8+2.8+2.8	8.4	2.50	2.50	2.50	2.4 ~ 7.6	2,240	580 ~ 2,580	11.1	10.2	1.5+1.5+1.5	
	2.8+2.8+3.2	8.8	2.39	2.39	2.72	2.4 ~ 7.7	2,240	580 ~ 2,640	11.1	10.2	1.5+1.5+1.6	
	2.8+2.8+4.0	9.6	2.19	2.19	3.12	2.6 ~ 8.0	2,220	600 ~ 2,890	11.0	10.1	1.4+1.4+1.8	
	2.8+2.8+5.0	10.6	1.98	1.98	3.54	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.3+1.3+2.0	
	2.8+2.8+6.0	11.6	1.81	1.81	3.88	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.2+1.2+2.3	
	2.8+3.2+3.2	9.2	2.28	2.61	2.61	2.4 ~ 7.7	2,240	580 ~ 2,650	11.1	10.2	1.5+1.6+1.6	
	2.8+3.2+4.0	10.0	2.10	2.40	3.00	2.6 ~ 8.0	2,220	600 ~ 2,900	11.0	10.1	1.4+1.5+1.7	
	2.8+3.2+5.0	11.0	1.91	2.18	3.41	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.2+1.4+2.0	
	2.8+3.2+6.0	12.0	1.75	2.00	3.75	2.8 ~ 8.0	2,150	600 ~ 2,850	10.7	9.8	1.1+1.3+2.2	
	2.8+4.0+4.0	10.8	1.94	2.78	2.78	2.7 ~ 8.0	2,220	600 ~ 2,890	11.0	10.1	1.3+1.6+1.6	
	2.8+4.0+5.0	11.8	1.78	2.54	3.18	2.8 ~ 8.0	2,100	580 ~ 2,760	10.4	9.6	1.1+1.6+1.8	
	2.8+4.0+6.0	12.8	1.64	2.34	3.52	2.8 ~ 8.0	2,100	580 ~ 2,760	10.4	9.6	1.0+1.5+2.0	
	2.8+5.0+5.0	12.8	1.64	2.93	2.93	2.8 ~ 8.0	2,060	520 ~ 2,650	10.2	9.4	1.0+1.7+1.7	
	3.2+3.2+3.2	9.6	2.50	2.50	2.50	2.4 ~ 7.7	2,240	590 ~ 2,600	11.1	10.2	1.5+1.5+1.5	
	3.2+3.2+4.0	10.4	2.31	2.31	2.88	2.6 ~ 8.0	2,220	600 ~ 2,900	11.0	10.1	1.5+1.5+1.7	
	3.2+3.2+5.0	11.4	2.11	2.11	3.28	2.8 ~ 8.0	2,150	600 ~ 2,860	10.7	9.8	1.4+1.4+1.9	
	3.2+3.2+6.0	12.4	1.94	1.94	3.62	2.8 ~ 8.0	2,150	600 ~ 2,860	10.7	9.8	1.3+1.3+2.1	
	3.2+4.0+4.0	11.2	2.14	2.68	2.68	2.8 ~ 8.0	2,190	600 ~ 2,840	10.9	10.0	1.4+1.6+1.6	
	3.2+4.0+5.0	12.2	1.97	2.46	3.07	2.8 ~ 8.0	2,100	580 ~ 2,770	10.4	9.6	1.3+1.5+1.7	
	3.2+4.0+6.0	13.2	1.82	2.27	3.41	2.8 ~ 8.0	2,100	580 ~ 2,770	10.4	9.6	1.2+1.5+2.0	
	3.2+5.0+5.0	13.2	1.82	2.84	2.84	2.8 ~ 8.0	2,060	520 ~ 2,650	10.2	9.4	1.2+	

CONNECTION OF COOLING MULTI INVERTER

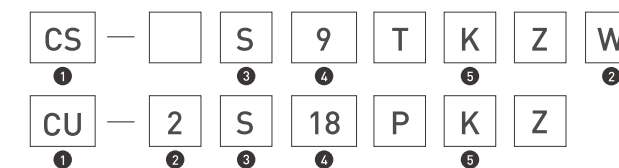
Outdoor Unit	Indoor		
	Type	Maximum Connectable Indoor unit kW	KW
CU-2S18PKZ 	Wall Mounted  CS-S9TKZW CS-S12TKZW	6.4	2.8 3.2
CU-3S27VKZ 	Wall Mounted  CS-S9TKZW CS-S12TKZW CS-MS15TKZ  CS-S18TKZW CS-S24TKZW	13.2	2.8 3.2 4.0 5.0 6.0
CU-3S27KKZ 	Wall Mounted  CS-S9TKZW CS-S12TKZW CS-MS15TKZ  CS-S18TKZW CS-S24TKZW Mini Cassette  CS-S12MB4ZW CS-S18MB4ZW CS-S24MB4ZW	13.2	2.8 3.2 4.0 5.0 6.0 3.2 5.0 6.0
CU-4S27VKZ 	Wall Mounted  CS-S9TKZW CS-S12TKZW CS-MS15TKZ  CS-S18TKZW CS-S24TKZW	14.8	2.8 3.2 4.0 5.0 6.0

OPTIONAL ACCESSORIES

REMOTE CONTROL	NETWORK ADAPTOR
Wired Remote Control  CS-XS9RKZW, CS-XS12RKZW, CS-XS18RKZW, CS-XS24RKZW, CS-XS28RKZ, CS-S9TKZW, CS-S12TKZW, CS-S18TKZW, CS-S24TKZW, CS-S28TKZ, CS-MS15TKZ, CS-PS9UKZ, CS-PS12UKZ, CS-PS18UKZ, CS-PS24UKZ, CS-MXS9UKZ, CS-MXS12UKZ, CS-MXS15UKZ, CS-MXS18UKZ, CS-MXS24UKZ CZ-RD514C	Network Adaptor  CZ-TACG1 CS-XS9RKZW, CS-XS12RKZW, CS-XS18RKZW, CS-XS24RKZW, CS-XS28RKZ, CS-S9TKZW, CS-S12TKZW, CS-S18TKZW, CS-S24TKZW, CS-S28TKZ, CS-MS15TKZ, CS-MXS9UKZ, CS-MXS12UKZ, CS-MXS15UKZ, CS-MXS18UKZ, CS-MXS24UKZ, CS-MS9SD3H, CS-MS12SD3H, CS-MS18SD3H, CS-MS24SD3H
FILTER Anti-Bacterial Filter  CZ-SA22P CS-PS9UKZ, CS-PS12UKZ, CS-PS18UKZ, CS-PS24UKZ	
PIPE SIZE REDUCER	PIPE SIZE EXPANDER
Use at the indoor unit's connection port  CZ-MA1P CS-S12TKZW, CS-MS15TKZ, CS-S18TKZW, CS-S12MB4ZW, CS-S18MB4ZW	Use at the outdoor unit's connection port  CZ-MA3P CS-S24TKZW, CS-MXS24UKZ, CS-S24MB4ZW, CS-MS24SD3H
 CZ-MA2P CS-S24TKZW, CS-MXS24UKZ, CS-S24MB4ZW, CS-MS24SD3H	

THE SYSTEM OF MODEL NUMBERS FOR SPLIT MODELS

- Model Type
 CS : Split Type (Indoor Unit)
 CU : Split Type (Outdoor Unit)
 CZ : Accessories
- Connection Configuration
 <Indoor Unit>
 W : Multi Split
 <Outdoor Unit>
 n : (n) Rooms Multi
- Function
 XS : Premium Inverter
 S : Deluxe Inverter
 PS : Standard Inverter
 MXS : Premium Inverter Multi
- Capacity
 Value = Capacity (Btu/h) x 1/1000, e.g. 9,000 Btu/h x 1/1000 = 9
- Type
 K : Wall-Mounted Type



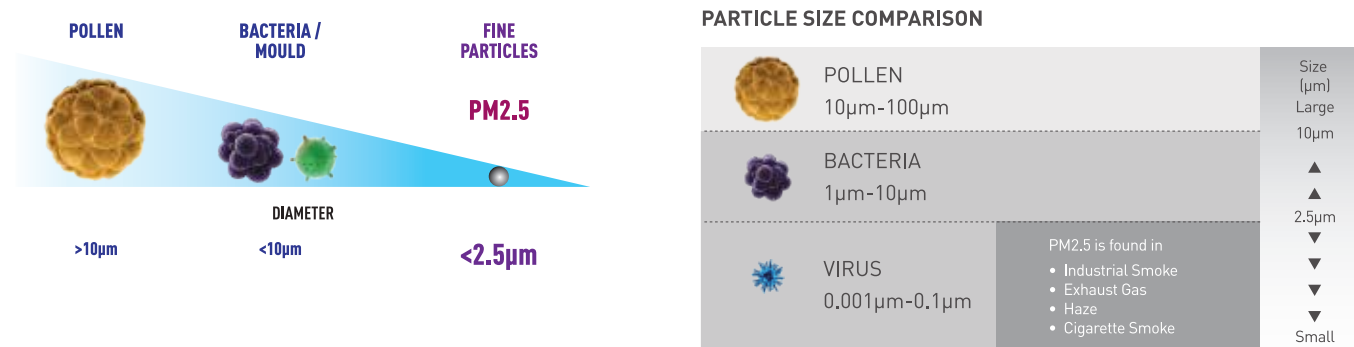
RATING CONDITIONS

	Cooling
Inside air temperature	27°C DB (19°C WB)
Outside air temperature	35°C DB (24°C WB)



What is PM2.5?

"Particulate matter," also known as PM is made up of a number of components including extremely small particles and liquid droplets. Sized at less than 2.5 micrometers (PM2.5), these particles are said to pose health problems as they can easily enter our lungs.

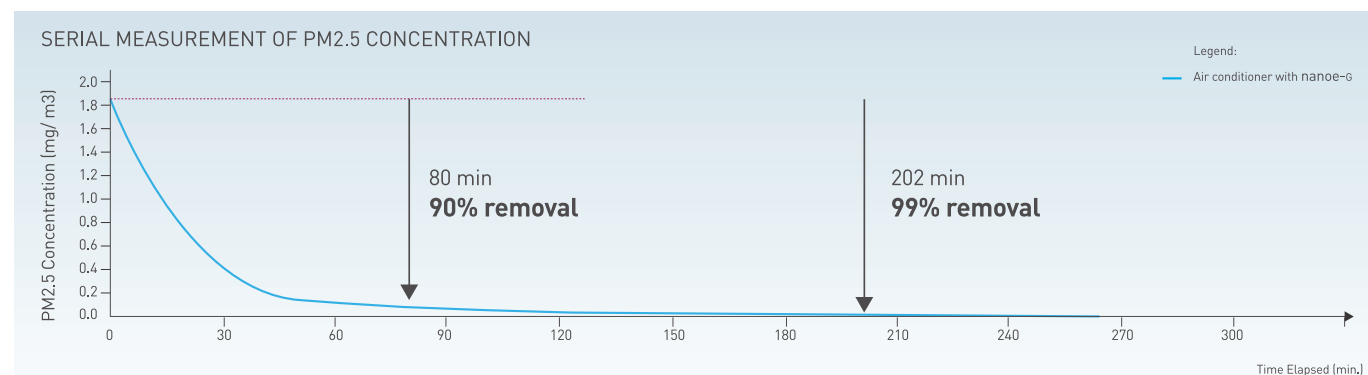


SOURCES OF PM2.5

PM2.5 can be found suspended in the air, including dust, dirt, smoke and liquid droplets. These fine particles come from man-made sources such as the combustion of fossil fuels, open burning and industrial processes as well as natural ones, which include sea sprays and dust carried by strong winds.



PM2.5 REMOVAL EFFICIENCY BASED ON TIME



AIRBORNE

REMOVES UP TO 99%*1
PM2.5

*1 PM2.5 Removal was certified by FCG Research Institute, Inc
• Test Report no. : 25034
PM2.5 : Cigarette Smoke (as PM2.5)
Effectiveness is measured on 0.3µm-2.5µm. [Specific size only]
This removal effect is not proven for all the airborne toxic substances.
All results are based on specific testing conditions.
All tests are not demonstrated under actual usage situation.

REMOVES UP TO 99%*2
BACTERIA VIRUSES and MOULD

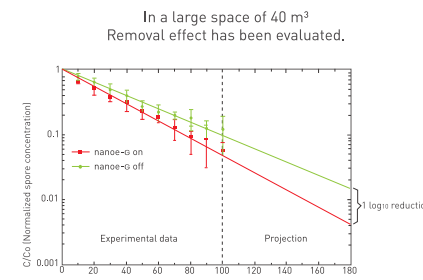
*2 Airborne Removal was certified by Kitasato Research Center for Environmental Science
• KRCEs-Bio, Test Report no. : 23_0182
Bacteria : Staphylococcus aureus (NBRC 12732)
• KRCEs-Env, Test Report no. : 22_0008
Virus : Escherichia coli phage (øX-174 ATCC 13706-B1)
: Influenza [H1N1] 2009 Virus
• KRCEs-Env, Test Report no. : 23_0140
Mould : Penicillium pinophilum (NBRC 6345)
All results are based on specific testing conditions.
All tests are not demonstrated under actual usage situation.



The Effectiveness of nanoe-G

AIRBORNE

DATA ON REMOVAL OF AIRBORNE BACTERIA WAS PRESENTED BY HARVARD SCHOOL OF PUBLIC HEALTH RESEARCHERS AT NANO-SYMPIOSIUM AT KYOTO UNIVERSITY, 2012



The effect after 100 minutes in a 40 m³ test space [about the size of a 10 tatami mats room], not the effect in a space where actually used.

"Performance evaluation of a novel ionizer for air purification applications".
Dr. S. Rudnick et al. Harvard School of Public Health, Environmental Health Nanoscience Lab.

nanoe-G
A study of the removal effect of airborne bacteria by using an air-conditioner incorporating nanoe-G was carried out in a large space, and the results were presented at Nano-Symposium jointly held in

September 2012 by Harvard University and Kyoto University.
Test methods: Bacteria removal method: Release of nanoe-G negative ions.
Target: Airborne bacteria, Test results: It is estimated that after three hours of operation the nanoe-G will achieve 2.7 log₁₀ reductions, ~ 1 log₁₀ reduction more, as compared to without nanoe-G.

TARGET SUBSTANCE	SUBSTANCE NAME	EFFECTIVENESS	TESTING INSTITUTE	TEST REPORT NO	METHOD	RESULT
PM2.5	Cigarette Smoke (as PM2.5)	99%	FCG Research Institute, Inc	No. 25034	The AC with nanoe-G was operated in a test room (23m³) and the concentration of PM2.5 was measured by PM2.5 Digital Dust Indicator.	99% removal from the air after 202 minutes of operation. [compared to the initial concentration]
Bacteria	Staphylococcus aureus (NBRC 12732)	99%	Kitasato Research Center for Environmental Science	KRCES-Bio, No. 23_0182	The AC with nanoe-G was operated in a test room (25m³) and aerosol was collected and bacterial count was calculated.	99% removal from the air after 150 minutes of operation. [compared to the initial concentration]
Virus	Escherichia coli phage (øX-174 ATCC 13706-B1)	99%	Kitasato Research Center for Environmental Science	KRCES-Env, No. 22_0008	The AC with nanoe-G was operated in a test room (25m³) and airborne phages were collected and phage count of the collected air was calculated.	99% removal from the air after 120 minutes of operation. [compared to the initial concentration]
		99%	Kitasato Research Center for Environmental Science	KRCES-Env, No. 22_0008	nanoe-G was operated in a test chamber (200 Litre) and the phages were collected and phage count of the collected air was calculated.	99% removal from the air after 5 minutes of operation. [compared to the initial concentration]
Virus	Influenza [H1N1] 2009 virus	99%	Kitasato Research Center for Environmental Science	KRCES-Env, No. 22_0008	nanoe-G was operated in a test chamber (200 Litre) and the influenza viruses were collected and the virus titers were calculated by the Reed and Muench method. In view of health hazard associated with spatial distribution of Influenza [H1N1] 2009 virus, nanoe-G removal effectiveness cannot be tested in large test room (25m³). When tested in 200 Litre chamber, nanoe-G was able to decrease Influenza [H1N1] 2009 virus (99%) when it was operated for 5 minutes. Additionally when tested in larger test room (25m³), nanoe-G can remove 99.5% of Coli phage virus when operated for 120 minutes. It was validated that evaluation on the influenza virus could be speculated from the results on the phage according to the test results in a 200 Litre test chamber. It appeared that the air-conditioners in a larger test room (25m³) would be able to remove the influenza virus as effectively as the phage.	99% removal from the air after 5 minutes of operation. [compared to the initial concentration]
Mould	Penicillium pinophilum (NBRC 6345)	99%	Kitasato Research Center for Environmental Science	KRCES-Bio, No. 23_0140	The AC with nanoe-G was operated in a test room (25m³) and aerosol was collected and fungal spores count was calculated.	99% removal from the air after 90 minutes of operation. [compared to non-operation]

Remark: All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.

ADHESIVE

ODOUR DEODORISATION: THE ODOUR ADHERED ON THE CURTAINS AND SOFA

Decrease in odour intensity by one level after 2 hours of operation.	Odour Intensity	Degree of Smell
	0	No odour
	1	Barely able to detect (detection threshold)
Test Subject: Adhesive smell of tobacco smoke	2	Able to recognise a smell, but weak (recognition threshold)
Test Chamber: 20m ³	3	Easily perceptible
Measurement Method: Six-level odour intensity indication method	4	Strong
Test report No.: 13-1204	5	Very Strong

ADHESIVE

TARGET SUBSTANCE	SUBSTANCE NAME	EFFECTIVENESS	TESTING INSTITUTE	TEST REPORT NO	METHOD	RESULT
Bacteria	<i>Staphylococcus aureus</i> (NBRC 12732)	99%	Japan Food Research Laboratories	No. 11047933001-02	The AC with nanoe-G was operated in a test space (10m ³) and viable cells were counted by pour plate method.	99% inactivation after 24 hour operation of nanoe-G. [compared to the original condition/ventilation mode]
Virus	<i>Bacteriophage</i> [Phi X 174 NBRC 103405]	99%	Japan Food Research Laboratories	No. 11073649001-02	nanoe-G was operated in a test box (90 Litre) and phage infectivity titer was determined by plaque technique.	99% inactivation after 120 minutes operation of nanoe-G. [compared to non-operation]
Mould	<i>Cladosporium cladosporioides</i> (NBRC 6348)	Inhibit Mould Growth	Japan Food Research Laboratories	No. 11047937001-02	nanoe-G was operated in a test box (1m ³) and colonies on the plate were counted.	The growth of the subject was inhibited. [compared to non-operation.] [average >85% after 7 days.]
Odour	Smell of tobacco smoke	Decrease by one level	OMI ODOR-AIR SERVICE Co.Ltd.	No. 13-1204	The AC with nanoe-G was operated in a test room (20m ³) and the deodorisation effect on a piece of cloth impregnated with odour components of cigarette smoke was evaluated using six-level odour intensity indication method.	Decrease in odour intensity by one level after 120 minutes of operation. [compared to non-operation]

Remark: All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.



How Does In-filter Deactivation Work?

<p>1. POWER "OFF"</p> <p>The air-conditioner first has to be turned off.</p>	<p>2. FAN OPERATION</p> <p>The fan operation will run automatically for 30 minutes with the flaps slightly open to ensure the internal components are dry and free from condensation.</p>	<p>3. nanoe-G OPERATION</p> <p>Natural Ion Wind spreads nanoe-G negative ions that are released from the nanoe-G generator.</p>	<p>4. DEACTIVATION EFFECT</p> <p>nanoe-G deactivates bacteria and viruses that are trapped in the filter within 2 hours.</p>
<p>Remark: Main power must be switched on for the entire duration.</p>	<p>Remark: The 30-minute fan operation is only applicable when the unit has been operated in COOL /DRY mode.</p> <p>Fan Operation : On Flap : Flaps slightly open nanoe-G LED : On</p>	<p>Remark: Depending on the Air Conditioner's accumulated operation time, nanoe-G In-Filter Deactivation may be activated only once a day.</p> <p>Fan Operation : Off Flap : Closed nanoe-G LED : On</p>	

IN-FILTER DEACTIVATION

TARGET SUBSTANCE	SUBSTANCE NAME	EFFECTIVENESS	TESTING INSTITUTE	TEST REPORT NO	METHOD	RESULT
Bacteria	<i>Staphylococcus aureus</i> (NBRC 12732)	99%	Japan Food Research Laboratories	No. 12037932001	The test piece impregnated with <i>Staphylococcus aureus</i> was placed on the filter of the Air Conditioner indoor unit, and then nanoe-G was operated. After the test piece was collected, viable cells were counted. * test substance was placed on the 4 locations of the filter; upper/lower right and upper/lower left.	99% deactivation after 2 hour operation of nanoe-G. [compared to non-operation]
Bacteria	<i>Escherichia coli</i> phage [φX-174 ATCC 13706-B1]	99%	Japan Food Research Laboratories	No. 12014705001	The test piece impregnated with <i>Escherichia coli</i> phage was placed on the filter of the Air Conditioner indoor unit, and then nanoe-G was operated. After the test piece was collected, phage infectivity titer was determined. * test substance was placed on the 4 locations of the filter; upper/lower right and upper/lower left.	99% deactivation after 2 hour operation of nanoe-G. [compared to non-operation]
Virus	Influenza (H1N1) 2009 Virus	Average 90% on filter [The percentage varies from 78.9% to 96.1% depending on its location]	Kitasato Research Center for Environmental Science	KRCES-Virus No. 24_1013	The test piece impregnated with Influenza (H1N1) 2009 Virus was placed on the filter of the Air Conditioner indoor unit, and then nanoe-G was operated. After the test piece was collected, virus infectivity titer was determined. * test substance was placed on the 4 locations of the filter; upper/lower right and upper/lower left.	Average 90% deactivation after 2 hour operation of nanoe-G. [compared to non-operation (nanoe-G)] [The percentage varies from 78.9% to 96.1%, depending on its location on filter.]

Remark: All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.

ADHESIVE

DEACTIVATES UP TO **99%***3 BACTERIA and VIRUSES INHIBITS MOULD GROWTH

- ** Adhesive Deactivation was certified by Japan Food Research Laboratories
- Test Report number : 11047933001-02 Bacteria : *Staphylococcus aureus* (NBRC 12732)
 - Test Report number : 11073649001-02 Virus : Bacteriophage [Phi X 174 NBRC 103405]
 - Test Report number : 11047937001-02 Mould : *Cladosporium cladosporioides* (NBRC 6348)

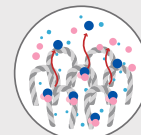
All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.



ADHESIVE ODOURS

DEODORISES ADHESIVE ODOUR (TOBACCO SMELL)

- Adhesive odour deodorisation was certified by OMI ODOR-AIR SERVICE Co. Ltd.
- Test Report No. 13-1204
- All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.



IN-FILTER DEACTIVATION

DEACTIVATES UP TO **99%***4 BACTERIA and VIRUSES INHIBITS MOULD GROWTH



DEACTIVATES AVERAGE UP TO **90%** INFLUENZA (H1N1) 2009 VIRUS

- ** In-Filter Deactivation was certified by Japan Food Research Laboratories
- Test Report number : 12037932001 Bacteria : *Staphylococcus aureus* (NBRC 12732)
 - Test Report number : 12014705001 Virus : *Escherichia coli* phage [φX-174 ATCC 13706-B1]
- All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.














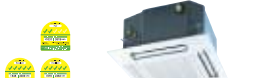







- In-Filter Deactivation was certified by Kitasato Research Center for Environmental Science
- Test Report number : KRCES-Virus Test Report No. 24_0013 Virus : Influenza (H1N1) 2009 Virus
- All results are based on specific testing conditions. All tests are not demonstrated under actual usage situation.

FEATURES COMPARISON

Split Type	PREMIUM INVERTER		DELUXE INVERTER		STANDARD INVERTER		INVERTER MULTI-SPLIT			
	Wall-Mounted						Mini Cassette		Slim Ducted	
Cooling Models	CS-XS9RKZW CS-XS12RKZW	CS-XS18RKZW CS-XS24RKZW CS-XS28RKZ	CS-S9TKZW CS-S12TKZW	CS-S18TKZW CS-S24TKZW CS-S28TKZ	CS-PS9UKZ CS-PS12UKZ	CS-PS18UKZ CS-PS24UKZ	CS-MXS9UKZ CS-MXS12UKZ CS-MXS15UKZ CS-MXS18UKZ CS-MXS24UKZ	CS-S9TKZW CS-S12TKZW CS-S15TKZ CS-S18TKZW CS-S24TKZW	CS-S12MB4ZW CS-S18MB4ZW CS-S24MB4ZW	CS-MS9SD3H CS-MS12SD3H CS-MS18SD3H CS-MS24SD3H
COMFORT										
ECONAVI	•	•	•	•			•	•		
Temperature Wave	•	•	•	•			•	•		
AUTOCOMFORT	•	•					•	•		
SLEEP			•	•	•	•	•	•		
Inverter Control	•	•	•	•	•	•	•	•	•	•
Quiet Mode	•	•	•	•	•	•	•	•	•	•
Powerful Mode	•	•	•	•	•	•	•	•	•	•
Soft Dry Operation Mode	•	•	•	•	•	•	•	•	•	•
Personal Airflow Creation	•	•	•	•			•	•		
Airflow Direction Control (Up & Down)					•	•	•	•	•	•
Manual Horizontal Airflow Direction Control					•	•	•	•	•	•
Automatic Operation Mode	•	•	•	•	•	•	•	•	•	•
CLEANER AIR										
nanoe-G	•	•	•	•			•	•		
Anti-Bacterial Filter					•	•	•	•		
Odour-Removing Function	•	•	•	•	•	•	•	•	•	•
Removable, Washable Panel	•	•	•	•	•	•	•	•	•	•
One-touch Air Filter									•	
CONVENIENCE										
24-Hour Dual ON & OFF Real Setting Timer	•	•	•	•			•	•		•
24-Hour ON & OFF Real Setting Timer					•	•	•	•		
LCD Wireless Remote Control	•	•	•	•	•	•	•	•	•	•
Wireless LAN Remote	(Optional)	(Optional)	(Optional)	(Optional)			(Optional)	(Optional)		(Optional)
Wired Remote Control	(Optional)	(Optional)	(Optional)	(Optional)	(Optional)	(Optional)	(Optional)	(Optional)		(Optional)
RELIABILITY										
Random Auto Restart (32 Restart Patterns)	•	•	•	•	•	•	•	•	•	•
Blue Fin Condenser	•	•	•	•	•	•	•	•	•	•
Long Piping (Numbers indicate the maximum pipe length)	15m	20m [XS18] 30m [XS24/28]	15m	30m [S18/28] 20m [S24]	15m	20m [PS24] 30m [PS18]	Refer Page 34	Refer Page 42	Refer Page 34	Refer Page 34
Top-Panel Maintenance Access	•	•	•	•	•	•	•	•	•	•
Self-Diagnostic Function	•	•	•	•	•	•	•	•	•	•

FEATURES EXPLANATION

COMFORT		
ECONAVI Detects and reduces waste for more energy savings.		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.
TEMPERATURE WAVE Rhythmic temperature-controlled pattern to save energy without sacrificing comfort.		PERSONAL AIRFLOW CREATION Vertical and horizontal airflow patterns can be combined as desired to achieve optimum comfort, with operation possible by remote even from a distance.
AUTOCOMFORT Detects high activity levels and adjusts cooling power to improve comfort.		AIRFLOW DIRECTION CONTROL (UP & DOWN)
SLEEP MODE Delays off timer with temperature control for better sleep.		MANUAL HORIZONTAL AIRFLOW DIRECTION CONTROL
INVERTER CONTROL Varies the rotation speed of the compressor for higher energy savings.		AUTOMATIC OPERATION MODE
QUIET MODE		
POWERFUL MODE		
CLEANER AIR		
nanoe-G nanoe-G works effectively on airborne particles including PM2.5, adhesive and in-filter micro-organisms such as bacteria, viruses and mould ensuring a cleaner living environment.		ODOUR-REMOVING FUNCTION With this function, there's no unpleasant odor 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.
ANTI-BACTERIAL FILTER The Anti-Bacterial Filter combines three effects in one: anti-allergen, anti-virus and anti-bacteria protection to provide clean air.		REMOVABLE, WASHABLE PANEL
ONE-TOUCH AIR FILTER		
CONVENIENCE		
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		WIRED REMOTE CONTROL
WIRELESS LAN REMOTE CONTROL FOR INTERNET CONNECTION Control air conditioners remotely by turning your mobile device into a remote controller using internet connection.		
RELIABILITY		
RANDOM AUTO RESTART (Random)		TOP-PANEL MAINTENANCE ACCESS
BLUE FIN CONDENSER		LONG PIPING
SELF-DIAGNOSTIC FUNCTION Should a malfunction occur, the unit diagnoses the problem and shows the corresponding alphanumeric code. This allows for quicker servicing.		

Capacity (Btu/h)	9,000	12,000	15,000	18,000	24,000	28,000	
Wall-Mounted PREMIUM INVERTER SINGLE-SPLIT Page 26-27	PREMIUM INVERTER			PREMIUM INVERTER WIDE			FEATURES
	 CS-XS9RKZW (CU-XS9RKZ)	 CS-XS12RKZW (CU-XS12RKZ)		 CS-XS18RKZW (CU-XS18RKZ)	 CS-XS24RKZW (CU-XS24RKZ)	 CS-XS28RKZW (CU-XS28RKZ)	
Wall-Mounted DELUXE INVERTER SINGLE-SPLIT Page 28	DELUXE INVERTER			DELUXE INVERTER WIDE			FEATURES
	 CS-S9TKZW (CU-S9TKZ)	 CS-S12TKZW (CU-S12TKZ)		 CS-S18TKZW (CU-S18TKZ)	 CS-S24TKZW (CU-S24TKZ)	 CS-S28TKZW (CU-S28TKZ)	
Wall-Mounted STANDARD INVERTER SINGLE-SPLIT Page 29	STANDARD INVERTER			STANDARD INVERTER WIDE			FEATURES
	 CS-PS9UKZ (CU-PS9UKZ)	 CS-PS12UKZ (CU-PS12UKZ)		 CS-PS18UKZ (CU-PS18UKZ)	 CS-PS24UKZ (CU-PS24UKZ)		
Wall-Mounted PREMIUM INVERTER MULTI-SPLIT Page 30-39	PREMIUM INVERTER			PREMIUM INVERTER WIDE			FEATURES
	 CS-MXS9UKZ (CU-2XS20UKZ), (CU-3XS27UKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MXS12UKZ (CU-2XS20UKZ), (CU-3XS27UKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MXS15UKZ (CU-3XS27UKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MXS18UKZ (CU-3XS27UKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MXS24UKZ (CU-4XS30UBZ), (CU-4XS34UBZ)		
Wall-Mounted DELUXE INVERTER MULTI-SPLIT Page 40-46	DELUXE INVERTER			DELUXE INVERTER WIDE			FEATURES
	 CS-S9TKZW (CU-2S18PKZ), (CU-3S27VKZ), (CU-3S27KKZ), (CU-4S27VKZ)	 CS-S12TKZW (CU-2S18PKZ), (CU-3S27VKZ), (CU-3S27KKZ), (CU-4S27VKZ)	 CS-MS15TKZ (CU-3S27VKZ), (CU-3S27KKZ), (CU-4S27VKZ)	 CS-S18TKZW (CU-3S27VKZ), (CU-3S27KKZ), (CU-4S27VKZ)	 CS-S24TKZW (CU-3S27VKZ), (CU-3S27KKZ), (CU-4S27VKZ)		
Mini Cassette MINI CASSETTE INVERTER MULTI-SPLIT Page 30	MINI CASSETTE			MINI CASSETTE			FEATURES
		 CS-S12MB4ZW (CU-3S27KKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)		 CS-S18MB4ZW (CU-3S27KKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-S24MB4ZW (CU-3S27KKZ), (CU-4XS30UBZ), (CU-4XS34UBZ)		
Slim Ducted SLIM DUCTED INVERTER MULTI-SPLIT Page 30	SLIM DUCTED			SLIM DUCTED			FEATURES
	 CS-MS9SD3H (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MS12SD3H (CU-4XS30UBZ), (CU-4XS34UBZ)		 CS-MS18SD3H (CU-4XS30UBZ), (CU-4XS34UBZ)	 CS-MS24SD3H (CU-4XS30UBZ), (CU-4XS34UBZ)		

[]: Outdoor Unit Cooling Models