

Panasonic

SKYWING | AEROWINGS | GIVERTER

SINGLE-SPLIT AIR CONDITIONERS 2018 / 2019

Panasonic

- and the Operating Instructions before using it.

 Specifications are subject to change without prior notice.

 The contents of this catalogue are accurate as of January 2018.

 Due to printing considerations, the actual colours may vary slightly



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.

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Authorised Dealer



QUALITY AIR FOR LIFE

We breathe in 18kg of AIR a person a day

At Panasonic Air Conditioners,
we want to deliver more than just cooling or heating
solutions. We want to create Total Air Solutions
that let you enjoy Quality Indoor Air.

We improve the Quality of Air, so you can improve the Quality of Life.

FOOD 1.3kg

WATER
1.4kg

QUALITY AIR FOR LIFE

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QUALITY AIR FOR LIFE

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MODEL LINE-UP



The nanoe™ Technology



nanoe™ Technology is Panasonic's unique technology which involves its special expertise at the nanometer level. It deodorises, inhibits the growth of bacteria and viruses; and is effective in dust removal for a fresh and cleaner indoor environment.

QUALITY AIR FOR LIFE



Air Is Life Clean Air for Fresher & Cleaner Living Space









Purifies Even When

Cooling is Off nance Technology is able to operate even when the cooling is off, so it can continue to purify and deodorise your home



nanceTM X freshen up your living space by deodorising stenches and odours, for a pleasant environment for you and your loved ones.

Inhibits Bacteria & Viruses

nance^{1M}X controls the proliferation of bacteria, viruses and allergens, so you and your family can enjoy quality time with peace of mind in a cleaner environmen



Air Is Comfort Healthy Airflow for Better Comfort

Dust Removal

FAST COOLING RADIANT COOLING SHOWER COOLING



Air Is Energy Energy Saving For Greater Efficiency

INVERTER

Unchanging principles for a rapidly changing world

Panasonic was founded in 1918 by Konosuke Matsushita. Taking to heart people's desires to live life ever more comfortably, he worked day and night to develop a wide variety of innovative new products. That year, Panasonic introduced an improved attachment plug, which allowed people to power an electrical appliance from a light socket. Next was a double cluster socket that made it possible to power lights and appliances from a single source. The ideas were small, but the quality and value of the products were excellent, and their reputation spread. By offering better products at reasonable prices, the company began making its contribution to society. Since then, the world has greatly changed, but Panasonic's principles have not. Today, we express those principles with the words, "A Better Life, A Better World."

Panasonic began exporting its products in 1931 and was proactive in establishing a presence overseas. Today, Panasonic consumer electronics are offered through 172 locations in 37 countries and territories.* Listening to the voice of the customer in each market, we have worked constantly to create products that make life better for all people, no matter where they live.

And now, Panasonic's 100th anniversary is upon us. To address the changing times, we continue to develop the products of the future worldwide. And we will always cherish the principles our founder defined for us, one century ago.

As of September 1, 2017



Founder
Konnsuke Matsushita



1918

Panasonic founded,





Quality Air, Better Life For You and Your Family

Panasonic's nanoe™ Technology is a revolutionary air purification system that deodorises, inhibits the growth of bacteria and viruses; and is effective in dust removal to create a fresher and cleaner living environment.

Actual effect differs according to room condition and the way of use, nanceth and narroeth X hav a function to inhibit activity or growth of viruses, etc. but do not assure infection prevention

PURIFIES WHEN COOLING IS OFF

nanoe™ Technology is able to function even when the cooling is off to continue purifying and deodorising your living space.

You don't have to worry about the hefty electricity bills as it only consumes a minimum amount of energy.

Switch on nanoe™ mode



Operates with Fan Mode - Low Power consumption at only 25w = LED Light Bulb

What is **c**• nance? nano-technology + electric =



nanoe™ is nano-sized electrostatic atomised water particles that are rich in OH radicals.

nanoe™ is generated from moisture in the air that contains highly reactive components known as hydroxyl [OH] radicals.

Its effectiveness on bacteria, viruses and odour compounds inhibition depends on the number of OH radical, which is generated at the rate of 480 billion per second.

480 billion OH Radicals / per second



C·nanoeX

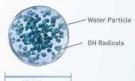
Inhibits Bacteria & Viruses

nanoe™X contains 10X times*1 more OH radicals.

The newly developed nanoe™ X device produces 10x times more OH radicals. [4.8 trillion] than regular nanoe™ device.

Greater amounts of OH radicals contained in nanoe™ X lead to outstanding effects in bacteria, viruses and allergens inhibition as well as deodorisation, a fresher and cleaner home awaits you.

4.8 trillion OH Radicals / per second



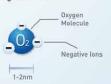
●nanoe-g

Dust Removal

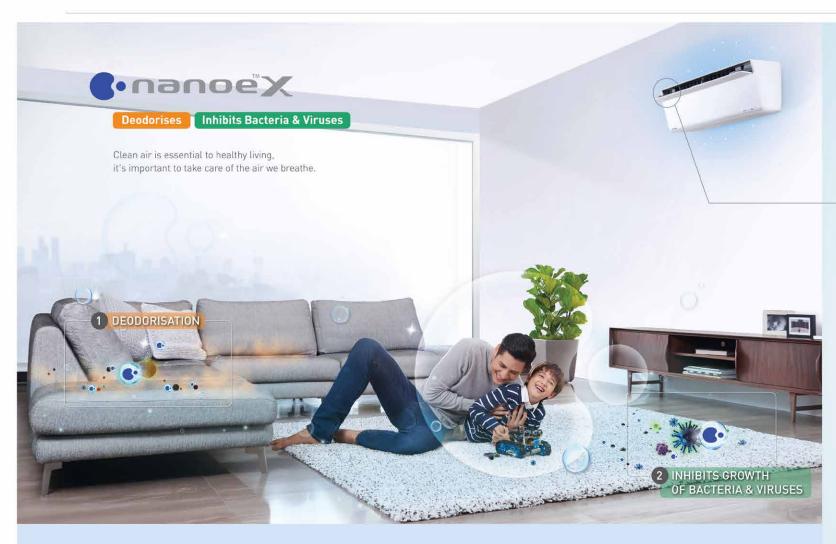
nanoe-G releases negative ions to capture airborne particles in the air.

nanoe-G, Panasonic's original air-purifying and filtering system releases 3 trillion negative ions to remove airborne dust particles as small as PM2.5 and adhesive bacteria and viruses. It then deactivates these trapped particles in the positively-charged filter.

3 trillion Negative lons







Turn Your Living Space Into A Fresher & Cleaner Space

Panasonic's latest innovation nanoe™ X helps you deodorise, inhibit the growth of bacteria and viruses that are harmful to you and your family's general well-being.

"Actual effect differs according to room condition and the way of use activity or growth of viruses, etc. but do not assure infection prevent "Applicable to R32 ELITE INVERTER and R32 PREMIUM INVERTER.

1. Deodorises

nanoe™ X deodorises strong and unpleasant odours that cause uneasiness so you can enjoy a more pleasant living space for greater well-being.



2. Inhibits Bacteria & Viruses

nanoe™ X inhibits the growth of allergens, bacteria and viruses in your home, maintaining a cleaner home for your children.



The latest nanoe™ X device uses a "multi-leader discharge" system that focuses the discharge to 4 needle-shaped electrodes, greatly expanding the OH radicals generating area to produce 10x times more OH radicals, and thus significantly enhances its performance.

How **€**•nanoe × Is Generated



How **●**•nanoe× Keeps Your Home Fresh & Clean



nanoe™ X reaches OH radicals take away hydrogen from bacteria.

OH radicals transform hydrogen in bacteria to water and inhibit

Microscopic Scale

One-billion of the volume size of a steam particle - nanoe™X is much smaller than a steam particle so it can deeply penetrate into cloth fabrics to inhibit allergens, bacteria and viruses.







Removes Airborne Particles (Up To 99%*1)

Removes airborne particles down to PM2.5. These particles include bacteria, viruses and mould.

* Actual effect differs according to from condition and the way of use. name the and name "X have a function to inhibit activity or growth of viruses, etc. but do not assure infection prevention."

@ DEACTIVATES ADHESIVE **PARTICLES & DEODORISES** ADHESIVE ODOURS (Up to 99%*1)

Deactivates adhesive micro-organisms and deodorises adhesive odours. Inhibits mould growth that settles on surfaces around you.

(IN-FILTER

DEACTIVATION

Deactivates bacteria

and viruses trapped

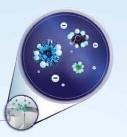
[Up to 99%"]

in the filter.

Dust Removal

We breathe in large amounts of unseen bacteria, viruses, mites and mould circulating in the air or adhere to surfaces every day.





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

How Conange - G Is Generated



nance-G negative





using natural ion wind.

How Connoe-G Removes Dust Particles







attach to dust generator releases



being carried back



Deactivates 99% bacteria and viruses

nanceTM Technology Efficiency, please log on to our website at



TECHNOLOGY featuring DUST SENSOR

SKY Series also features an additional DUST SENSOR, which constantly monitors air quality and automatically activates nanoe™ Technology when a high level of dust particle concentration is detected.



	LED	ACTIVITY
DUST SENSOR	RED	AIR IS DIRTY
6.	WHITE	nance TM Technology SWITCH ON TO PURITY THE AIR



	LED	ACTIVITY
DUST SENSOR	WHITE	AIR IS CLEAN
6-	LED OFF	Hande™ Technology SWITCH OFF

Healthy Airflow

SKY SERIES AIR CONDITIONER

Unique Top Flap Design - S K Y W T N G

SKYWING featuring an innovative top flap design which maximizes airflow for consistent cooling.

Equipped with a Multidirectional Arm that can adjust the angle of the airflow towards the ceiling and walls to remove trapped heat, resulting in an even cooling effect throughout the room - Radiant Cooling.

Controlled By A Multidirectional Arm, SKYWING can cool you in two ways :



FAST COOLING

SKYWING angles downward to deliver powerful airflow at start up.



After reaching the set temperature, SKTWING angle upwards to direct cool air towards the ceiling and walls spreading cool air evenly throughout the room.



MODERN & MINIMALIST DESIGN

 The fully smooth and seamless surface with a touch of thin chrome line, a perfect blen of elegance and luxury.



LUSTROUS PEARL FINISHING

 The structural curve is enhanced and refined
 Indicators are simplified
 with a seamless surface.



FAST COOLING

AEROWINGS twin flaps angle downwards to deliver concentrated airflow to cool you instantly at start up.



SHOWER COOLING

kEROWINGS angles upwards o spread cool air over a wider irea, then showers down tently and evenly across the oom after reaching the set emperature



SLIM & SLEEK OUTLINE

 37mm stimmer to previous models:



LUSTROUS PEARL FINISHING

- Classy tone with a so pearly glow.
- Chrome escutcheon was a sense of luxury





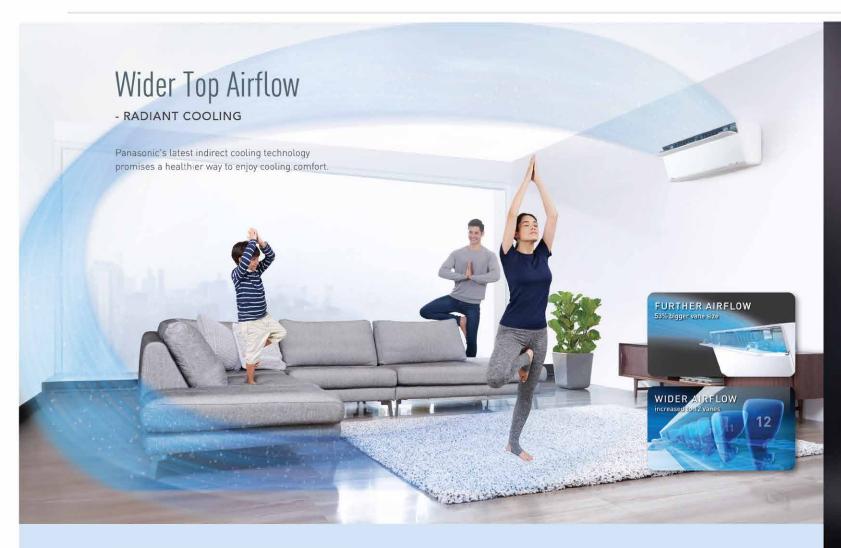
AERO SERIES AIR CONDITIONER

2 Independent Flaps & Motors - AEROWINGS

AEROWINGS is equipped with two independent motors that control the two independent flaps to direct concentrated airflow to cool an area effectively. The two flaps are able to channel and concentrate cool air upwards, which showers down gently over the room for even coolness- Shower Cooling.

AEROWINGS With Flexible Twin Flaps





For Improved All-Around Cooling

SKY Series equipped with NEW SKYWING, now improved with bigger and more vanes to deliver wider airflow, cooling greater area more evenly.

Radiant Cooling cools the ceiling and walls for an all-embracing cooling experience.



Wider Top Airflow cools every corner of the room, so everyone can feel the even coolness.

AIRFLOW COVERAGE IMPROVEMENT



Area with air flow > 0.25m/s at room sized 3 x 5.5m: Original: 62.3% => New: 83.3%. Improved 21%

Wider Cooling Coverage

With more and bigger vanes, cool air is distributed to a broader area. So no matter where you are in the room, you can feel the even cooling sensation.





10 vanes

RADIANT COOLING AIRFLOW ASSESSMENT

TEST DIST



Instead of blowing cold air directly onto people, SKYWING directs the airflow upwards to cool the ceiling and walls for an all-round cooling effect.

TEMPERATURE BO DISTRIBUTION TEST



ool Hot air ving the bot nd is disci

BOTTOM AIR INTAKE



Hot air is drawn in from the bottom, and cool air is discharged from the top to facilitate the even distribution of cool air.

FAST COOLING



At start up, SKYWING tilts down to bring you a blast of direct cool air for instant heat relief. Together with the high-powered Inverter compressor technology, P-TECh, SKY Series can reach a healthy set temperature faster.

FAST COOLING AIRFLOW ASSESSMENT

AIRFLOW SMOKE TEST



SKYWING directs airflow downwards and straight to room occupants for a fast cooling effect.

TEMPERATURE DISTRIBUTION TEST



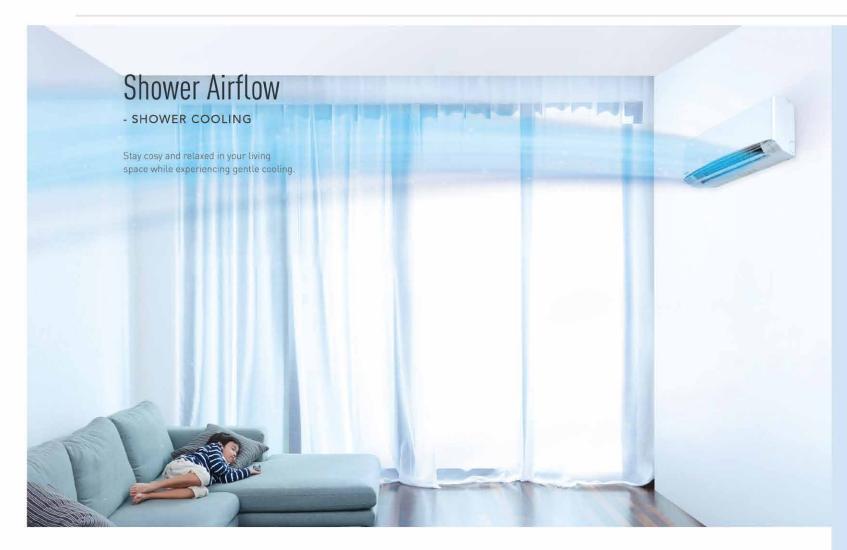


CONVENTIONAL COOLING

Cool air blows downwards and cools the room at a slow pace, resulting in uneven cooling. The edge of the room

cools rapidly. Room is evenly cooled.

FAST COOLING



Cool Comfort From Above

Aero Series uses AEROWINGS to send concentrated airflow across the room, cooling you gently from above

Stay cosy and relaxed in your living space without the constant cold blast to your skin and body. Say goodbye to excessive cooling.



Shower Airflow delivers cool air across the room which then showers down and cools everyone in the room gently.

Concentrated Airflow, Further, Faster

The AEROWINGS is controlled by 2 independent motors and dual independent flaps. Airflow is delivered at a faster pace, spreading further at a concentrated level.



- 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

SHOWER COOLING AIRFLOW ASSESSMENT

AIRFLOW SMOKE TEST



TEMPERATURE DISTRIBUTION TEST



anymatic a graduit

Instead of blowing cold air directly onto people, AEROWINGS directs airflow upwards over a wider area, then showers down gently and evenly across the room.

SHOWER COOLING

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.

FAST COOLING



AEROWINGS twin flaps direct concentrated airflow downwards, delivering powerful cool air to cool you in the shortest time possible.

FAST COOLING AIRFLOW ASSESSMENT

AIRFLOW SMOKE TEST



AEROWINGS directs airflow downwards and straight to room occupants for a fast cooling effect.

TEMPERATURE DISTRIBUTION TEST



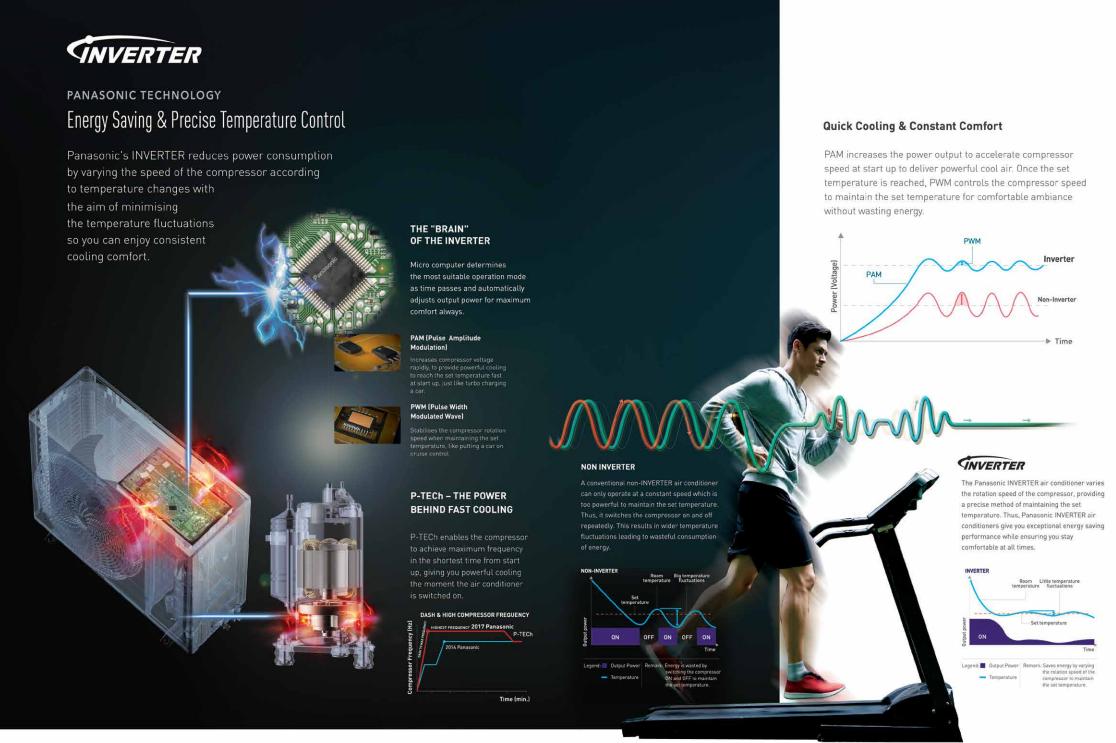


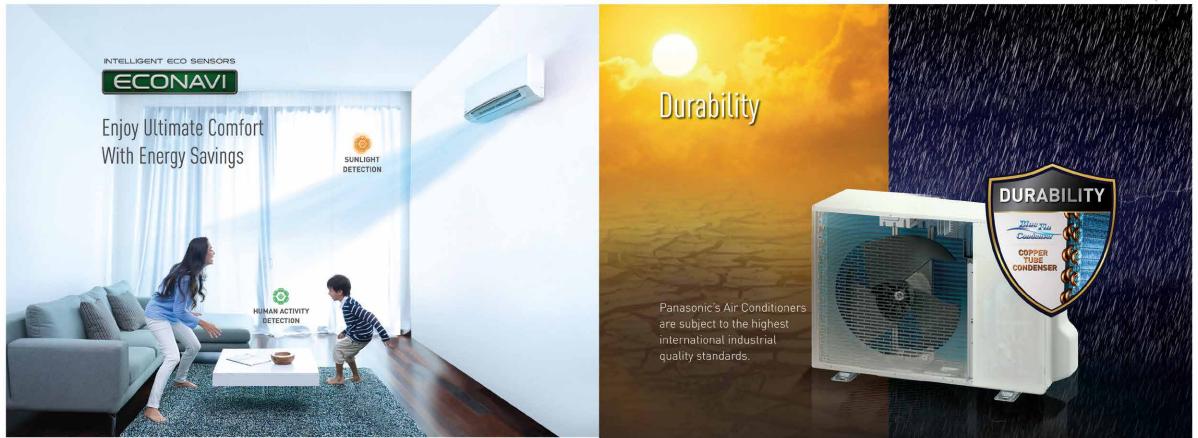
CONVENTIONAL FAST COOLING COOLING

Cool air blows downwards and cools the room at a slow pace, resulting in uneven cooling. The edge of the room

Concentrated airflow cools instantly. Room is evenly cooled.







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.

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.

Whether it's a sunny day

temperature control after

detecting low activity level.

Adapts to rhythmic



Where you are.

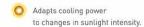


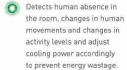
When you leave the room.



When you are less active.







Long Term Endurance & Solid Performance

Panasonic's Air Conditioners are designed to resist tough conditions such as rain, direct sunlight and strong winds.

They undergo a variety of stringent tests for durability, waterproofing and shock resistance to ensure their effectiveness and long term reliability.

Blue Fin

- Improve durability
- Protect condenser against corrosion from air, water and other corrosive.
- Anti-rust

CORROSION RESISTANT OUTDOOR COATING

- Outdoor unit layered with multiple type of protection coatings
- Withstand salty air and rain exposure
- Resist corrosion

COPPER TUBE CONDENSER

- Better heat transfer
 Higher cooling capacity
- · Easy to clean and maintain

WATER RESISTANT PCB

- · Contact sections on Printed Circuit
- Board (PCB) are resin-potted
- Prevent adverse effects by unlikely contact with droplets of water.



^{*} Applicable to R32 ELITE INVERTER, R32 PREMIUM INVERTER, PREMIUM INVERTER & DELUXE Non-INVERTER.

WALL-MOUNTED : R32 ELITE (INVERTER Single-Split Type









CS-VU10UKH-1 | CS-VU13UKH-1 | CS-VU18UKH-1

Wireless

Wired (Optional)

MODEL		(50Hz)	CS-VU10UKH-1 [cu-vu10ukH-1]	CS-VU13UKH-1 [CU-VU13UKH-1]	CS-VU18UKH-1 [CU-VU18UKH-1]	
0	(min-max)	kW	2.80 [0.84-3.28]	3.66 (0.92-4.20)	5.20 (1.10-5.80)	
Cooling Capacity	(min-max)	Btu/h	9,550 [2,860-11,200]	12,500 (3,140-14,300)	17,700 [3,750-19,800]	
EER	[min-max]	Btu/hW	13.64 (12.71-12.44)	13.59 (12.08-12.43)	12.21 [12.93-11.86]	
	Voltage	V	230	230	230	
Electrical Data	Current	Α.	3.1	4.1	6.7	
	Power Input (min-m	ax) W	700 (225-900)	920 (260-1,150)	1,450 (290-1,670)	
Moisture Removal		L/h	1.6	2.1	2.9	
Moisture Removat		Pt/h	3,4	4.4	6.1	
Air Circulation	Indoor	m³/min (ft³/min)	10.2 (360)	12.3 (435)	14.8 (520)	
Air Circulation	Outdoor	m³/min (ft³/min)	30.9 [1,090]	29.3 [1,030]	34.9 [1,230]	
Noise Level	Indoor (H / L / Q-Lo)	dB-A	36/25/18	41/27/19	46/36/31	
	Outdoor (H)	dB-A	47	48	49	
	Height	mm	306 (542)	306 (542)	306 [619]	
	neigni	inch	12-1/16 (21-11/32)	12-1/16 (21-11/32)	12-1/16 (24-3/8)	
Dimensions	Width	mm	950 (780)	950 (780)	950 (824)	
untensions	Width	inch	37-13/32 (30-23/32)	37-13/32 (30-23/32)	37-13/32 (32-15/32)	
	Depth -	mm	280 (289)	280 (289)	280 [299]	
	Бери	inch	11-1/32 (11-13/32)	11-1/32 [11-13/32]	11-1/32 [11-25/32]	
Net Weight	Indoor	kg (lb)	12 (26)	12 (26)	12 (26)	
Net weight	Outdoor	kg (lb)	24 (53)	29 (64)	33 [73]	
	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	
Refrigerant Pipe	Liquid Side	inch	1/4	1/4	1/4	
Diameter	Gas Side	mm	ø 9.52	ø 12.70	ø 12.70	
	Jes Side	inch	3/8	1/2	1/2	
	Chargeless Pipe Ler	ngth m	7.5	7.5	10	
Pipe Extension	Maximum Pipe Leng	th m	20	20	30	
ipe Extension	Maximum Elevation	Length m	15	15	20	
	Additional Refrigerant Gas* g/m		10	10	15	

Caution For CS-VU10/VU13/VU18UKH-1 [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.

BACKLIT SKY CONTROLLER

Enjoy innovative design at your fingertips with the new stylish and sleek Backlit Sky Controller.

With fast access to key operations and a smooth gliding cover revealing more options, controlling your settings has become simple and intuitive.

With a width of 58.9mm and a length of 164.7mm, the Sky Controller fits comfortably into your hand.



- Backlit LED screen lets you view operations status in the dark.
- Power Button.
- Switch on nanoe™ Technology function to activate nanoe™X and nanoe-G for air purification and deodorisation even when the air conditioner is switched off.
- Toggles between RADIANT COOLING and Fast Cooling (DIRECT).
- Press up or down to set the temperature.
- (3) iAuto-X lets you come home to FAST COOLING. Then enjoy continuous comfort with RADIANT COOLING which avoids direct cooling.
- Set the airflow.
- Adjusts the fan speed.
- Toggles between COOL and DRY setting mode.
- Delays off timer with temperature control for better sleep.
- 1 Set the 24-hour Dual ON & OFF Timer.
- 1 Set the actual time [hour and minute].



Wireless Applicable to R32 ELITE INVERTER



SKYWING







COOLING MODELS







OUTDOOR









CU-VU18UKH-1

WALL-MOUNTED: R32 PREMIUM INVERTER Single-Split Type









CS-XU10UKH-1 | CS-XU13UKH-1

Wireless Wired (Optional)









CS-XU18UKH-1 | CS-XU24UKH-1

Wireless Wired (Optional)

 SPECIFICATIONS

 MODEL
 (50Hz)
 CS-XU10UKH-1
 CS-XU13UKH-1
 CS-XU18UKH-1
 CS-XU24UKH-1

MODEL		(50Hz)	CS-XU10UKH-1 [CU-XU10UKH-1]	CS-XU13UKH-1 [CU-XU13UKH-1]	CS-XU18UKH-1	CS-XU24UKH-1
0	(min-max)	kW	2.80 (0.84-3.28)	3.66 (0.92-4.20)	5.30 [1.10-6.00]	6.25 (1.12-7.10)
Cooling Capacity	(min-max)	Btu/h	9,550 (2,860-11,200)	12,500 (3,140-14,300)	18,100 [3,750-20,500]	21,300 (3,820-24,200)
EER	[min-max]	Btu/hW	13.08 [12.71-12.17]	12.38 [12.08-11.92]	13.12 (12.93-12.20)	12.38 [11.58-12.10]
	Voltage	٧	230	230	230	230
Electrical Data	Current	A	3.5	4.6	6.1	7.6
	Power Input (mir	n-max) W	730 (225-920)	1,010 (260-1,200)	1,380 (290-1,680)	1,720 (330-2,000)
Moisture Removal		L/h	1.6	2.1	2.9	3.5
Moisture Removat		Pt/h	3.4	4,4	6.1	7.4
Air Circulation	Indoor	m³/min (ft³/min)	10.1 (355)	11.1 (390)	19.2 (680)	20.0 (705)
Air Circulation	Outdoor m³/min (ft³/min)		27.6 (975)	30.9 [1,090]	36.0 (1,270)	46.3 (1,635)
Noise Level	Indoor (H/L/Q	-Lo) dB-A	36/26/22	38/28/25	44/32/29	45/34/31
Noise Level	Outdoor [H]	dB-A	47	48	50	52
	Height	mm	295 (511)	295 [542]	302 [619]	302 [695]
	neight	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]
Dimensions	Width	mm	919 (650)	919 (780)	1,120 (824)	1,126 (875)
uimensions		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)
	Depth	mm	199 (230)	199 (289)	241 (299)	241 (320)
	Deptn	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)
Net Weight	Indoor	kg (lb)	9 (20)	9 (20)	12 (26)	12 (26)
Net Weight	Outdoor	kg (lb)	19 (42)	28 (62)	34 (75)	41 [90]
	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
Refrigerant Pipe	Liquia Side	inch	1/4	1/4	1/4	1/4
Diameter	Gas Side	mm	ø 9.52	ø 12.70	ø 12.70	ø 15.88
	000.000	inch	3/8	1/2	1/2	5/8
	Chargeless Pipe	Length m	7.5	7.5	10	10
	Maximum Pipe L	ength m	20	20	30	30
Pipe Extension	Maximum Eleval	tion Length m	15	15	20	20
	Additional Refrig	gerant Gas* g/m	10	10	15	25
Power Supply			Indoor	Indoor	Indoor	Indoor

Caution For CS-XU10/XU13/XU18/XU24UKH-1 (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.

6·

BRING FRESH CLEAN AIR TO YOUR HOMES

nanoe $^{\text{TM}}$ Technology helps reduce indoor air pollution. So, you and your loved one can enjoy fresh clean air at home all the time.



*For more detail about nance™ Technology Efficiency, please refer to page 08-13

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.









Wireless
Applicable to
R32 PREMIUM INVERTER

- LCD display for an easy overview of the operation status.
- 2 Come home to fast cooling. Then enjoy continuous comfort with Shower Cooling which avoids direct cooling.
- 3 ECONAVI monitors sunlight intensity, human movement, activity levels and human absence to detect and reduce energy waste.
- Switch on nanoe[™] Technology function to activate nanoe[™] X and nanoe-Θ for air purification and deodorisation even when the air conditioner is switched off.
- 5 Press up or down to set the temperature.
- Toggles between iAUTO-X, COOL and DRY setting mode.
- Delays off timer with temperature control for better sleep.
- Set the airflow.
- Adjusts the fan speed.
- Quiet function allows you to sleep comfortably at night.
- 1 Set the 24-hour Dual ON & OFF Timer.
- 2 Set the actual time [hour and minute].



AEROWINGS







COOLING MODELS















CU-XU18UKH



CU-XU24UKH-1

WALL-MOUNTED : PREMIUM GIVERTER Single-Split Type







CS-S10TKH-1 | CS-S13TKH-1 | CS-S15TKH-1

Wireless









CS-S18TKH-1 | CS-S24TKH-1 | CS-S28TKH-1

Wireless

SPECIFICAT	IUNS						Cooling	(): Outdoor Uni
MODEL		(50Hz)	CS-S10TKH-1 [CU-S10TKH-1]	CS-S13TKH-1 [CU-S13TKH-1]	CS-S15TKH-1 [CU-S15TKH-1]	CS-S18TKH-1 [CU-S18TKH-1]	CS-S24TKH-1 [CU-S24TKH-1]	CS-S28TKH-1 [CU-S28TKH-1]
	(min-max)	kW	2.80 (0.84-3.28)	3.66 [0.92-4.20]	4,40 (1.07-5.00)	5.27 (1.10-6.00)	6.25 [1.12-7,10]	7.10 (1.15-8.50)
Cooling Capacity	(min-max)	Btu/h	9,550 (2,860-11,200)	12,500 (3,140-14,300)	15,000 (3,650-17,100)	18,000 (3,750-20,500)	21,300 (3,820-24,200)	24,200 (3,920-29,000
EER	(min-max)	Btu/hW	12.57 (12.71-12.17)	12.02 (12.08-11.92)	12.71 (12.81-12.57)	12.86 [12.93-12.06]	11.83 [11.58-11.00]	11.92 [11.20-10.74]
	Voltage	٧	230	230	230	230	230	230
Electrical Data	Current	A	3.6	4.8	5.4	6.5	7.9	9.3
	Power Input (min-ma	xl W	760 (225-920)	1,040 (260-1,200)	1,180 [285-1,360]	1,400 (290-1,700)	1,800 [330-2,200]	2,030 (350-2,700)
		L/h	1.6	2.1	2,4	2.9	3.5	4.1
Moisture Removal		Pt/h	3.4	4.4	5.1	6.1	7.4	8.7
25 E.S.	Indoor	m³/min (ft³/min)	10.5 (370)	11.1 (390)	12.2 (430)	19.6 (690)	20.2 (715)	21.7 (765)
Air Circulation	Outdoor	m³/min (ft³/min)	27.6 (975)	30.9 (1,090)	29.3 (1,030)	35.3 (1,245)	46.3 [1,635]	50.3 (1,775)
Noise Level	Indeor [H / L / Q-Lo]	dB-A	36/26/22	38/28/25	43/30/27	44/32/29	45/34/31	47/37/34
Noise Level	Outdoor [H]	dB-A	47	48	50	50	52	53
	Height	.mm.	295 (511)	295 [542]	295 (542)	302 (619)	302 (695)	302 (795)
		inch	11-5/8 [20-1/8]	11-5/8 [21-11/32]	11-5/8 [21-11/32]	11-29/32 [24-3/8]	11-29/32 (27-3/8)	11-29/32 (31-5/16)
Dimensions	Width	mm	919 (650)	919 (780)	919 (780)	1,120 [824]	1,120 (875)	1,120 (875)
Dimensions	Width	inch	36-3/16 (25-19/32)	36-3/16 (30-23/32)	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)	199 (289)	241 [299]	241 [320]	241 (320)
	Depth	inch	7-27/32 [9-1/16]	7-27/32 (11-13/32)	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)	9 (20)	12 (26)	12 [26]	12 (26)
Net Weight	Outdoor	kg (lb)	20 (44)	27 [60]	31 (68)	34 (75)	38 (84)	57 (126)
	Liquid Side	mm	ø 6.35					
Refrigerant Pipe	Liquid Side	inch	1/4	1/4	1/4	1/4	1/4	1/4
Diameter	Gas Side	mm	ø 9.52	ø 12.70	ø 12.70	ø 12.70	ø 15.88	ø 15,88
	oas Side	inch	3/8	1/2	1/2	1/2	5/8	5/8
	Chargeless Pipe Leng	gth m	7.5	7.5	7.5	10	10	10
Pipe Extension	Maximum Pipe Lengt	h m	15	15	15	30	20	30
ripe Extension	Maximum Elevation L	ength m	5	5	5	20	15	20
	Additional Refrigeran	t Gas* g/m	15	15	15	15	20.	30

Caution For CS-\$10/\$13/\$15/\$18/\$24/\$28TKH-1 Ilmportant] 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 Come home to fast cooling. Then enjoy continuous comfort with Shower Cooling which avoids direct cooling.
- 3 ECONAVI monitors sunlight intensity, human movement, activity levels and human absence to detect and reduce energy waste.
- Activates the nanoe-G function even when the air conditioner is switched
- 6 Press up or down to set the temperature.
- Toggles between iAUTO-X, COOL and DRY setting mode.
- Delays off timer with temperature control for better sleep.
- Set the airflow.
- Adjusts the fan speed.
- 10 Quiet function allows you to sleep comfortably at night.
- 1 Set the 24-hour Dual ON & OFF Timer.
- Set the actual time (hour and minute).





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.

Select ON or OFF Timer





Set the time.

111 TIMER 11

SET



AEROWINGS







COOLING MODELS

i Aurej	ECONAVI	C.C.	SLEEP	~
•		彰	(C) mode	(0)
~A-\-	-	<u>○≅</u>	Ö	(Randem)
-@_		15m 1 CS-S10THH-1 CS-S13THH-1 CS-S15THH-1	20 _m €) CS-S24TKH-1	30m (CS-S18TKH-1 CS-S28TKH-1

OUTDOOR















CU-S28TKH-1

WALL-MOUNTED: STANDARD GIVERTER Single-Split Type









CS-PS9TKH-1 | CS-PS12TKH-1

Wireless

Wired (Optional)









CS-PS18TKH-1 | CS-PS24TKH-1

Wireless Wired (Optional)

ø 6.35

1/4

ø 12.70

1/2

7,5

15

Indoor

ø 6.35

1/4

ø 15.88

5/8

20

Indoor

SPECIFICATIONS Cooling | 1: Outdoor Unit CS-PS9TKH-1 MODEL CS-PS12TKH-1 CS-PS18TKH-1 CS-PS24TKH-1 (50Hz) [CU-PS9TKH-1] [CU-PS12TKH-1] [CU-PS18TKH-1] [CU-PS24TKH-1] (min-max) 2.80 (0.84-3.00) 3.55 (0.92-3.85) 5.13 (1.10-5.60) 6.25 (1.12-6.80) Cooling Capacity Btu/h 9,550 (2,860-10,200) 12,100 (3,140-13,100) 17,500 (3,750-19,100) 21,300 (3,820-23,200) EER Imin-max Btu/hW 12.24 [12.71-10.63] 11.52 (12.08-10.92) 11.67 [12.93-11.58] 11.64 [11.58-10.79] Voltage 230 230 230 230 3.7 4.7 7.1 8.5 Electrical Data Current 780 (225-960) 1,050 (260-1,200) 1,500 (290-1,650) 1,830 (330-2,150) Power Input (min-max) L/h 2.8 3.5 Moisture Removal Pt/h 3.4 4.4 5.9 7.4 9.1 (320) 10.1 (355) 19.2 (680) 19.7 (695) m³/min [ft³/min] Indoor Air Circulation m³/min (ft³/min) 27.6 [970] 30.9 [1,090] 35.6 [1,255] 47.0 [1,660] Outdoor Indoor [H / L / Q-Lo] 38/28/25 40/29/26 44/32/29 45/36/33 Noise Level Outdoor (H) dB-A 47 48 50 52 mm 290 (511) 290 (542) 302 (619) 302 [695] Height 11-7/16 (20-1/8) 11-7/16 [21-11/32] 11-29/32 [24-3/8] 11-29/32 [27-3/8] inch 799 [650] 799 [780] 1,102 [824] 1,102 [875] mm Width 31-15/32 (25-19/32 31-15/32 [30-23/32] 43-13/32 (32-15/32) 43-13/32 [34-15/32] 197 [230] 197 (289) 244 (320) Depth 7-25/32 [11-13/32] 9-5/8 (11-25/32) 9-5/8 [12-5/8] inch 7-25/32 [9-1/16] ka ((b) 8 [18] 8 [18] 12 (26) 12 (26) Indoor Net Weight 27 (60) 34 (75) 40 (88) Outdoor kg (lb) 19 [42]

ø 6.35

1/4

a 9.52

3/8

7.5

15

ø 6.35

1/4

a 12.70

1/2

7.5

Caution For CS-P59/PS12/PS18/PS24TKH-1 [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.

inch

mm

q/m

Liquid Side

Gas Side

Chargeless Pipe Length

Maximum Pipe Length

Maximum Elevation Length

Additional Refrigerant Gas*

Refrigerant Pipe

Pipe Extension

Power Supply

BIG FLAP



BIG FLAP with bigger bottom flap measuring 79mm* in depth directs cool air further and longer. So, you can enjoy cool air even in larger living spaces.

*79mm applicable to CS-PS9 & PS12TKH-1 and 104mm applicable to CS-PS18 & PS24TKH-1.

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.

- LCD display for an easy overview of
- 2 Automatic Intelligence switches fan speed for faster cooling with just one touch of a button.
- Quiet function allows you to sleep comfortably at night.
- Adjusts the fan speed.
- 3 Press up or down to set the
- 3 Toggles between iAUTO, COOL and DRY setting mode.
- Delays off timer with temperature control for better sleep.
- 3 Set the airflow.
- Set the 24-hour DN & OFF Timer.
- 1 Set the actual time (hour and minute).



Wireless Applicable to STANDARD INVERTER

BIG FLAP





COOLING MODELS







OUTDOOR













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





CS-V9RKH-1 | CS-V12RKH-1



Wireless



CS-V18RKH-1 | CS-V24RKH-1 | CS-V28RKH-1

83

• nanoe TECHNOLOGY

AEROWINGS

ECONAVI

COOLING MODELS

E Auto (SCONAVI AUTOCOMPORT € reserve a

(C) (C) (A-!-

Аито INTELLIGENT AUTO MODE

Wireless

SPECIFICATIONS

MODEL		(50Hz)	CS-V9RKH-1 [CU-V9RKH-1]	CS-V12RKH-1 [CU-V12RKH-1]	CS-V18RKH-1 [CU-V18RKH-1]	CS-V24RKH-1 [CU-V24RKH-1]	CS-V28RKH-1 [CU-V28RKH-1]
		kW		3.52	5.33	6.85	7.92
Cooling Capacity		Btu/h	9,210	12,000	18,200	23,400	27,000
EER		Btu/hW	11.10	11.11	9.73	9.75	9.89
	Voltage	٧	230	230	230	230	230
Electrical Data	Current	A	3.7	5.0	8.3	10.6	12.8
	Power Input	W	830	1,080	1,870	2,400	2,730
		L/h	1.6	2.0	2.9	3.9	4.6
Moisture Removal	Pt/h		3.4	4.2	6.1	8.2	9.7
14.000 17.0	Indoor	m³/min (ft³/min)	10.1 (357)	11.2 (395)	16.9 (597)	18.7 (660)	20.2 [713]
Air Circulation	Outdoor	m³/min (ft³/min)	22.8 [800]	30.8 [1,090]	35.2 (1,240)	48.6 (1,720)	54.4 (1,920)
Noise Level	Indoor [H / L]	dB-A	37/26	41/29	43/39	47/42	49/44
	Outdoor (H)	dB-A	48	50	55	57	56
	Height	mm	296 (511)	296 (542)	296 (619)	296 (695)	296 (750)
		inch	11-21/32 [20-1/8]	11-21/32 (21-11/32)	11-21/32 (24-3/8)	11-21/32 (27-3/8)	11-21/32 (29-17/32)
-	Width	mm	870 (650)	870 [780]	1,070 (824)	1,070 (875)	1,070 (875)
Dimensions		inch	34-9/32 (25-19/32)	34-9/32 [30-23/32]	42-5/32 (32-15/32)	42-5/32 (34-15/32)	42-5/32 (34-15/32)
	12.7 77	mm	236 (230)	236 (289)	241 (299)	241 (320)	241 (345)
	Depth	inch	9-5/16 (9-1/16)	9-5/16 (11-13/32)	9-1/2 [11-25/32]	9-1/2 (12-5/8)	9-1/2 [13-19/32]
a. zarodu	Indoor	kg (lb)	9 [20]	9 (20)	12 (26)	12 (26)	12 (26)
Net Weight	Outdoor	kg (lb)	25 (55)	30 (66)	34 [75]	52 (115)	56 (123)
	I second end	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
Refrigerant Pipe	Liquid Side	inch	1/4	1/4	1/4	1/4	1/4
Diameter	Gas Side	mm	ø 9.52	ø 12.70	ø 12.70	ø 15.88	ø 15.88
	Gas Side	inch	3/8	1/2	1/2	5/8	5/8
	Chargeless Pipe	Length m	7.5	7.5	7.5	7.5	7.5
Pipe Extension	Maximum Pipe L	ength m	10	15	25	25	30
ripe extension	Maximum Elevat	tion Length m	5	5	20	20	20
	Additional Refrig	gerant Gas* g/m	10	10	20	30	30
Power Supply			Indoor	Indoor	Indoor	Indone	Dutdoor

Caution For CS-V9/N12/N18/N24/N28RKH-1 (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















CU-V28RKH-1

WALL-MOUNTED : STANDARD Non-INVERTER Single-Split Type







Л Анто

COOLING MODELS

BIG FLAP

CS-PV9TKH-1 | CS-PV12TKH-1

Wireless Wired (Optional)











CS-PV18TKH-1 | CS-PV24TKH-1 | CS-PV28TKH-1 Wireless Wired (Optional)



MODEL	(50H:	CS-PV9TKH-1 [CU-PV9TKH-1]	CS-PV12TKH-1 [CU-PV12TKH-1]	CS-PV18TKH-1 [CU-PV18TKH-1]	CS-PV24TKH-1 [CU-PV24TKH-1]	CS-PV28TKH- [CU-PV28TKH-1]
Davidson Davidson	k	V 2.70	3.52	5.33	6.85	7.92
Cooling Capacity	Btu	h 9,210	12,000	18,200	23,400	27,000
EER	Btu/h	V 10.96	11.01	9.73	9.79	9.54
	Voltage	V 230	230	230	230	230
Electrical Data	Current	A 3.7	5.0	8.3	10.5	13.0
	Power Input	V 840	1,090	1,870	2,390	2,800
Months Birth	L	h 1.6	2.0	2.9	3.9	4.6
Moisture Rémoval	Pt	h 3.4	4.2	6.1	8.2	9.7
E WO II A	Indoor m³/min (ft³/mi	10.2 (360)	11.3 (399)	18.9 (667)	20.6 (727)	20.8 (734)
Air Circulation	Outdoor m³/min (ft³/mi	28.8 [1,020]	33.3 (1,180)	35.2 (1,240)	40.3 (1,420)	54.4 (1,920)
Noise Level	Indoor (H / L) dB-	A 38/26	41/29	43/39	47/42	50/46
	Outdoor (H / L) dB-	A 48	52	54	56	57
	m	n 290.[511]	290 [542]	302 [619]	302 [619]	302 [695]
	Height inc	h 11-7/16 (20-1/8)	11-7/16 (21-11/32)	11-29/32 [24-3/8]	11-29/32 [24-3/8]	11-29/32 (27-3/8)
W. C.	Width	n 799 (650)	799 (780)	1,102 (824)	1,102 [824]	1,102 (875)
Dimensions	Width	h 31-15/32 [25-19/32]	31-15/32 [30-23/32]	43-13/32 [32-15/32]	43-13/32 (32-15/32)	43-13/32 [34-15/32]
	m	n 197 [230]	197 [289]	244 (299)	244 [299]	244 (320)
	Depth inc	h 7-3/4 (9-1/16)	7-3/4 [11-13/32]	9-5/8 [11-25/32]	9-5/8 [11-25/32]	9-5/8 (12-5/8)
w.me.a	Indoor kg (l	8 (18)	8 (18)	12 (26)	12 (26)	12 (26)
Net Weight	Outdoor kg (l	22 (49)	29 (64)	34 [75]	40 (88)	54 (119)
	m	n ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
Refrigerant Pipe	Liquid Side inc	h 1/4	1/4	1/4	1/4	1/4
Diameter	m	n ø 9.52	ø 12.70	ø 12.70	g 15.88	ø 15.88
	Gas Side inc	h 3/8	1/2	1/2	5/8	5/8
	Chargeless Pipe Length	n 7,5	7.5	7.5	7.5	7.5
e real	Maximum Pipe Length	n 20	20	30	30	30
Pipe Extension	Maximum Elevation Length	n 15	15	20	20	20
	Additional Refrigerant Gas* g/	n 10	10	20	30	30
Power Sunaly		Indone	Indoor	Indoor	Indoor	Outdoor

Caution For CS-PY9/PY12/PY18/PY24/PY28TKH-1 [Important] Please do not use copper pipes that are less than 0.6mm in thickness. *When pipes are not extended from the chargeless pipe longth, the required amount of refrigerant is already in the unit.

OUTDOOR









CU-PV12TKH-1



CU-PV18TKH-1 CU-PV24TKH-1



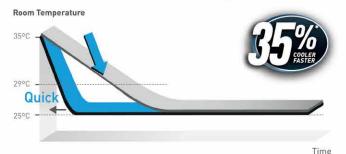
CU-PV28TKH-1 **Not applicable for EER Label

iAUTO-X Technical Explanation — iAUTO Technical Explanation



Faster Cooling

iAUTO-X cools you down 35% faster compared to Panasonic Standard non-Inverter model with high fan.



- PREMIUM Inverter with iAUTO-X
- Standard non-Inverter model with high fan

True Comfort

True Comfort Is Just A Touch Away

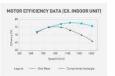
SINE WAVE DRIVE



ADVANTAGES OF SINE WAVE

1. EFFICIENCY UP EVEN AT HIGH ROTATIONAL SPEED PER MINUTE (RPM)

Reduced current distortion enables fan motor to start faster, run cooler and perform more efficiently even while running at superhigh fan speed to help reduce power consumption.



2. STABLE OPERATION

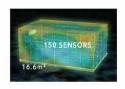
Sine Wave regulates power voltage that is identical to power supplied, ensuring consistent performance and stable operation.

3. LOW VIBRATION

Motor loads run smoother with low vibrations resulting in quieter operation.

QUALITY CONTROL THROUGH SIMULATED LABORATORY TEST

Panasonic carried out testing at our own Environmental Testing Room which simulates a standard living room condition. This makes it possible to ensure the air conditioner operates at optimum performance level under varying conditions.



Testing is done in a large space of $16.6m^2$ to simulate the size of an actual living room. Indoor temperature is measured using 150 sensors to get the average room temperature. This ensures the accuracy of indoor temperature data.



1. FAST COOLING AT START UP

At start up, iAUTO will run at super high fan speed to cool the room faster, 15% faster for cooler comfort.

2. MAINTAIN COOLING COMFORT

Once the room cools down, iAUTO provides constant cool airflow to maintain a comfortable level of relative humidity, to stay cool and comfortable all day long.

3. AUTOMATIC FAN SPEED

iAUTO automatically switches fan speed to high and super high fan speed depending on the temperature difference between the room and the set temperature.



* Comparison of 1.5HP SEMI DELUXE Non-INVERTER model with AUTO Mode and Cooling Mode

UTO Mode, Outside Temperature: 35°C / 24°C emote setting temperature: 25°C with Fan Speed: Auto orizontal Airflow direction: Middle, Vertical Airflow rection: Straight:

Cooling Mode with High Fan COOL, Mode, Outside Temperature: 35°C/24°C Remote setting temperature: 25°C with Fan Speed: High Horoston: Africa direction: Middle, Vertical Airflow direction: Straight

for 2 hours under stable operation.

At Panasonic Amenity Room (size: 16.6m⁴)

The effect differs according to conditions in installation and usage.

Automatic Fan Speed

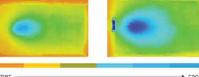
iAUTO-X will automatically switch fan speed to high fan speed and super high fan speed depending on the temperature difference between the room and the set temperature.



Applicable for PREMIUM Inverter with iAUTO-X

warmer

CONVENTIONAL COOLING



Cool air blows downwards and cools the room at a slow pace, resulting in uneven cooling. The edge of the room remains warm.

Concentrated airflow cools instantly. Room is evenly cooled.

tting temperature: 25°C with Fan

ntal Airflow direction: Auto, Vertical

tandard non-inverter: Cooling Mode with

High Fan 2001, Mode, Outside Temperature: 35°C 24°C Remote setting temperature: 25°C with Fan

FAST COOLING

"Applicable to PREMIUM INVERTER only.

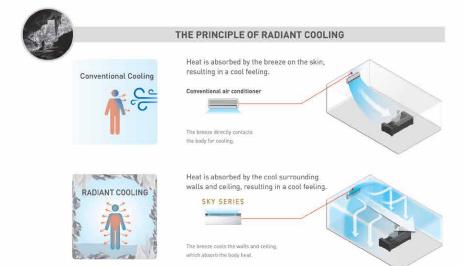
*Applicable to STANDARD INVERTER, STANDARD Non-INVERTER & DELUXE Non-INVERTER.

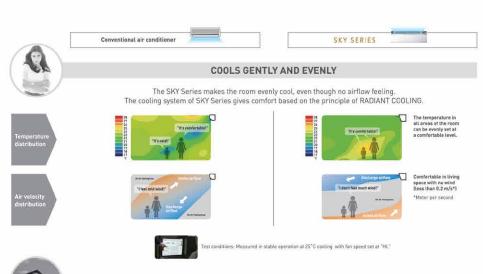
Radiant Cooling For Users' Comfort Cooling

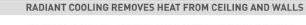
Conventional air conditioners are built to blow cold air downwards and directly at people to cool them instantly. However, when in direct contact with cold air for too long, some people experience discomfort and dry skin.

Inspired by the cooling effect of caves,
Doctor Naoshi Kakitsuba investigated the
benefits of RADIANT COOLING. He found that this
gentler and more even cooling method results in
a greater feeling of comfort and wellbeing.

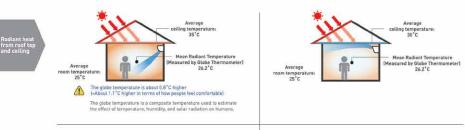








SKY Series makes people comfortable because the radiant heat from ceiling is less.









*Applicable to R32 ELITE INVERTER only.
*All test results are based on internal test.

Expanding the nanoe™ World in Japan - 24/7, Anytime, Anywhere

Increasingly adopted in a wide range of industries such as railway, automobile, hotel and hospital



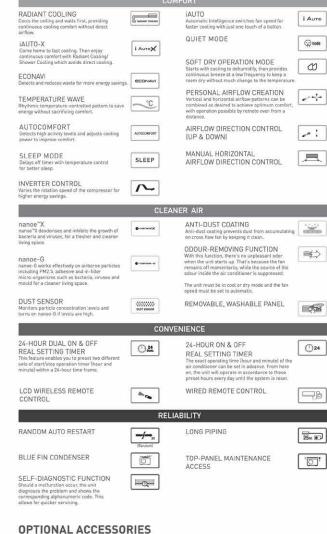
Panasonic is committed to the improvement of air quality with nanoe™ Technology.

under approval by relevant entities in Japan. (As of December 1st, 201

FEATURES COMPARISON

Split Type	R32 ELITE INVERTER	R32 PREMIL	JM INVERTER	PREMIUM	INVERTER	STANDARD	INVERTER	DELUXE No	n-INVERTER	STANDARD N	on-INVERTER
	CS-VU10UKH-1 CS-VU13UKH-1 CS-VU18UKH-1	CS-XU10UKH-1 CS-XU13UKH-1	CS-XU18UKH-1 CS-XU24UKH-1	CS-S10TKH-1 CS-S13TKH-1 CS-S15TKH-1	CS-S18TKH-1 CS-S24TKH-1 CS-S28TKH-1	Wall-Mounted CS-PS9TKH-1 CS-PS12TKH-1	CS-PS18TKH-1 CS-PS24TKH-1	CS-V9RKH-1 CS-V12RKH-1	CS-V18RKH-1 CS-V24RKH-1 CS-V28RKH-1	CS-PV9TKH-1 CS-PV12TKH-1	CS-PV18TKH-1 CS-PV24TKH-1 CS-PV28TKH-1
Cooling Models						4	1-14				
7.						COMFORT					
Radiant Cooling	•										
X-OTUAL X	•	. •	•								
ECONAVI			•	•	•			•			
Temperature Wave		ě	•	•	•						
SLEEP SLEEP	•	. •	•	•	•	:0	•			•	•
Inverter Control	ě:	•	•	•	•	:0	:0				
I Auto I AUTO						•		•	•	•	
Quiet Mode		•	•	•		•	•		•	•	•
Soft Dry Operation Mode	•	•	•	•	•	•	•	•	•	•	•
Personal Airflow Creation	•	•	•	•	•			•	•		
Airflow Direction Control (Up & Down)						•				•	
Manual Horizontal Airflow Direction Control										•	•
Autocomfort											
						CLEANER AIR					
nance*X	•		•								
nance-G				•	•			•	•		
Anti-Dust Coating	•										
Dust Sensor											
Odeur-Removing Function	*	•	•	•	•	:0		•	•	•	
Removable, Washable Panel		•	•	•		•	•		•	•	
						CONVENIENCE					
24-Hour Dual ON & OFF Real Setting Timer	•	•	•	•	•						
24-Hour ON & OFF Real Setting Timer								•	•	•	•
LCD Wireless Remote Control	•		•	•	•		•	•	•	•	
Wired Remote Centrol	(Optional)	(Optional)	(Optional)			[Optional]	[Optional]			(Optional)	(Optional)
	1869 (Autority)	pepromati	(September)		,	RELIABILITY	1994 (Within)			reconnect	iskomani
Random Auto Restart											
Random Auto Restart [32 Restart Patterns	•	•	•	•	•	•	•	•	•	•	
Blue Fin Condenser	•		•	•	•	•	•	•	•	•	•
Long Piping (Numbers indicate the maximum pipe length)	20m (VU10/13) 30m (VU18)	20m	30m	15m	20m (524) 30m (518/28)	15m	15m [PS18] 20m [PS24]	10m (V9) 15m (V12)	25m (V18/24) 30m (V28)	20m	30m
Top-Panel Maintenance Access		•		•					•	•	•
Self-Diagnostic Function		•									

FEATURES EXPLANATION



■ REMOTE CONTROL	
Wired Remote Control	Wired Remote Control
CZ-RD011C-1	CZ-RD514C-1
CS-PV9TKH-1, CS-PV12TKH-1, CS-PV18TKH-1, CS-PV24TKH-1, CS-PV28TKH-1	CS-VU10UKH-1, CS-VU13UKH-1, CS-VU18UKH-1 CS-XU10UKH-1, CS-XU13UKH-1, CS-XU18UKH-1, CS-XU24UKH-1 CS-PS9TKH-1, CS-PS12TKH-1, CS-PS18TKH-1, CS-PS2ATKH-1

Horse Power (HP) Capacity (Btu/h)	1.0 9,000 / 10,000	1.5 12,000 / 13,000	1.75 15.000	2.0 18.000	2.5 24,000	3.0 28,000	
Wall-Mounted R32 ELITE INVERTER Page 24-25	CS-VU10UKH-1 [CU-VU10UKH-1]	CS-VU13UKH-1 [CU-VU13UKH-1] R32 PREMIUM INVERTER		CS-VU18UKH-1 [CU-VU18UKH-1]	R32 ELITE INVERTER R32 PREMIUM INVERTER WIDE		FEATURES SKYWING AUTO NVERTER VIRAL GUIET 18 db SSWINDSHIP SSWINDSHIP FEATURES
Wall-Mounted R32 PREMIUM INVERTER Page 26-27	CS-XU10UKH-1 [CU-XU10UKH-1]	CS-XU13UKH-1 [CU-XU13UKH-1] PREMIUM INVERTER		CS-XU18UKH-1 [CU-XU18UKH-1]	CS-XU24UKH-1 [CU-XU24UKH-1] PREMIUM INVERTER WIDE		AEROWINGS JAUTO STREETER ECONAVI FEATURES
Wall-Mounted PREMIUM INVERTER Page 28-29	CS-S10TKH-1 [CU-S10TKH-1]	CS-S13TKH-1 [CU-S13TKH-1] STANDARD INVERTER	CS-S15TKH-1 [CU-S15TKH-1]	CS-S18TKH-1 [CU-S18TKH-1]	CS-S24TKH-1 [CU-S24TKH-1] STANDARD INVERTER WIDE	CS-S28TKH-1 [CU-S28TKH-1]	AEROWINGS I AUTO MILITARY MILITAR
Wall-Mounted STANDARD INVERTER Page 30-31	CS-PS9TKH-1 [CU-PS9TKH-1]	CS-PS12TKH-1 [CU-PS12TKH-1] DELUXE NON-INVERTER		CS-PS18TKH-1 [CU-PS18TKH-1]	CS-PS24TKH-1 [CU-PS24TKH-1] DELUXE NON-INVERTER WIDE		BIG FLAP I AUTO INTELLIBERT AND HODE INVERTER FEATURES
Wall-Mounted DELUXE NON-INVERTER Page 32	CS-V9RKH-1 [CU-V9RKH-1]	CS-V12RKH-1 [CU-V12RKH-1] STANDARD NON-INVERTER		CS-V18RKH-1 [CU-V18RKH-1]	CS-V24RKH-1 [CU-V24RKH-1] STANDARD NON-INVERTER WIDE	CS-V28RKH-1 [CU-V28RKH-1]	AEROWINGS I AUTO MINIMALISHEN AND MODE ECONAVI FEATURES
Wall-Mounted STANDARD NON-INVERTER Page 33	CS-PV9TKH-1 [CU-PV9TKH-1]	CS-PV12TKH-1 [CU-PV12TKH-1]		CS-PV18TKH-1 [CU-PV18TKH-1]	CS-PV24TKH-1 [cu-Pv24TKH-1]	CS-PV28ТКН-1 [сu-Pv28ТКН-1]	BIG FLAP I AUTO INTELLIGENT AUTO MODE

(): Outdoor Unit Cooling Models