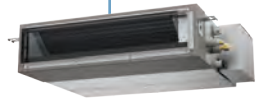
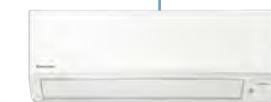




Panasonic®

MULTI-SPLIT AIR CONDITIONERS 2023/2024



- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of January 2023.
- Due to printing considerations, actual colours may vary slightly from those shown.
- All graphics are provided solely for the purpose of illustrating a point.



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








Authorized Dealer

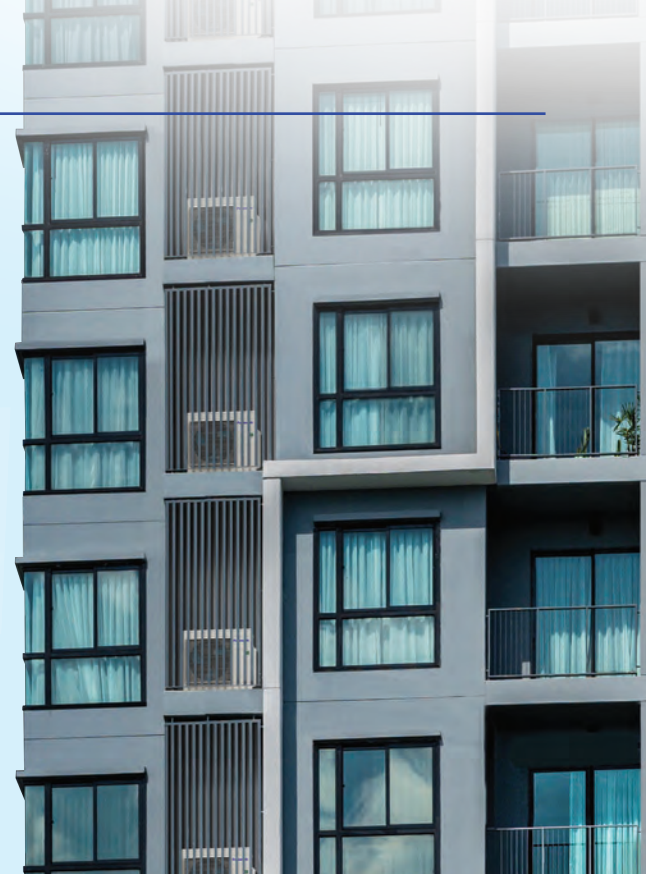


ONE SYSTEM THAT HOUSES ALL

Panasonic Multi-Split Air Conditioning System with R32 Refrigerant

Panasonic's Multi-Split Air Conditioning System with the environmentally friendly R32 refrigerant offers flexible multi-zone cooling solutions with just one outdoor unit, perfect for installation with limited outdoor spaces. Connects up to 4 rooms with independent indoor operational control and a vast selection of indoor types from a wide cooling capacity range. Enjoy a comfortable and cleaner living space with our customisable multi-split system.

Model	System 2	System 3	System 4	
	CU-2U18YBZ	CU-3U27YBZ	CU-4U28YBZ	CU-4U34YBZ
Capacity Range (kW) Rated (Min - Max)	 5.10 (1.50 - 6.10)	 7.50 (2.80 - 9.50)	 8.00 (2.80 - 10.20)	 9.50 (2.90 - 11.50)
Indoor Selection	 X-DELUXE INVERTER R32	 STANDARD INVERTER R32	 SLIM DUCTED	



PANASONIC MULTI-SPLIT OUTDOOR

Panasonic Multi-Split Outdoor is designed to produce increased cooling capacity indoors to accommodate large spaces. It is energy saving with its high energy efficiency by using the inverter technology and R32 refrigerant gas. The outdoor unit offers flexibility up to 11.50kW and up to 4 ports. It is equipped with chargeless gas for easy installation and is durable outdoors. The compact design and long piping provides greater installation flexibility for indoor units.

Connectable up to 2 indoor units



CU-2U18YBZ

Connectable up to 3 indoor units



CU-3U27YBZ

Connectable up to 4 indoor units



CU-4U28YBZ



CU-4U34YBZ



BENEFITS OF PANASONIC MULTI-SPLIT SYSTEM

Panasonic Multi-Split system offers installation versatility, independent control, space saving while maintaining great efficiency.



VARIOUS COMBINATIONS FOR DIFFERENT NEEDS

Multiple types of indoor units are available to choose from to suit different residential settings. Each indoor unit has its own unique features to suit your needs, preferences and interior layouts. The various combinations of indoor units offer ideal multi-zone cooling solutions for your home.



INDEPENDENT INDOOR UNIT OPERATIONAL CONTROL

Multiple indoor units are connected independently to the outdoor unit, enabling each indoor unit to be controlled separately. You can individually control the temperature in each room to suit your preferences.



IDEAL SOLUTION FOR LIMITED SPACES

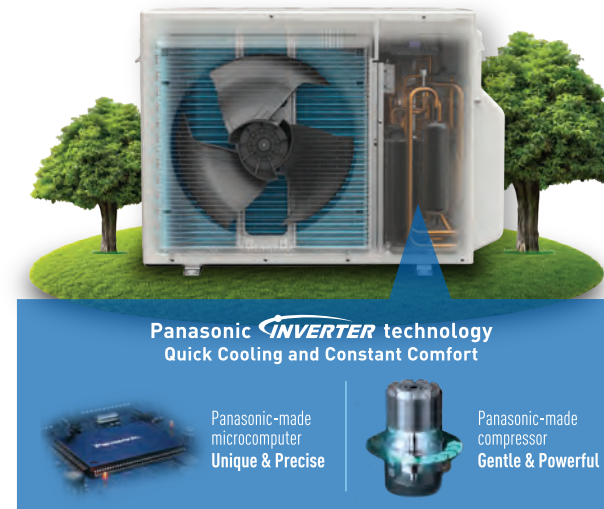
One can save the space outside the house drastically as only one outdoor unit is needed. A tidier solution than multiple outdoor units, great for residential buildings with limited outdoor unit installation.



BETTER HEAT DISPERSION TO MAINTAIN EFFICIENCY

Outdoor unit releases hot air out to the environment during the cooling operation. When multiple outdoor units are installed in a narrow space, high heat accumulation in an enclosed area may cause overheating, potentially damage or shorten the lifespan of the outdoor units. Meanwhile, a single outdoor unit provides better air circulation and heat dispersion, maintaining cooling performance and efficiency.

ENERGY EFFICIENCY



Panasonic air conditioners are equipped with the environmentally friendly R32 refrigerant which efficiently carries heat, leading to greater energy and cost-effectiveness with lower environmental impact.



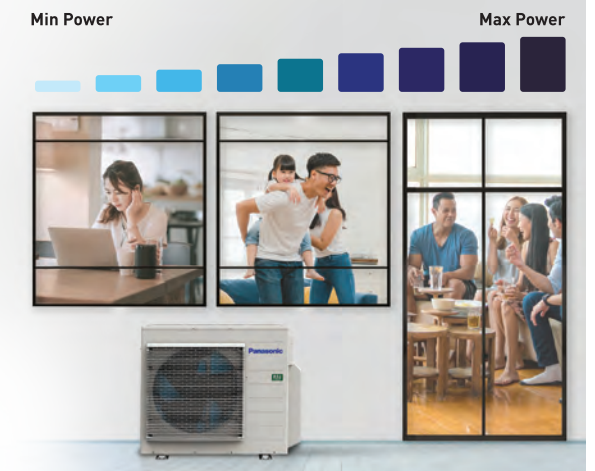
Panasonic Inverter technology controls the temperature precisely to provide consistent cooling comfort while saving energy.

WIDE COOLING CAPACITY RANGE

With maximum outdoor cooling capacity range of up to 11.50kW*, a single outdoor unit can now be connected to indoor units of higher cooling capacity range, offering more flexibility to scale cooling operation according to different needs and preferences.

Outdoor unit	Outdoor Cooling Capacity Range (min-max)	Max. indoor units combination
CU-2U18YBZ	5.10 (1.50 - 6.10)	8.5kW
CU-3U27YBZ	7.50 (2.80 - 9.50)	14.8kW
CU-4U28YBZ	8.0 (2.80 - 10.20)	16.2kW
CU-4U34YBZ	9.50 (2.90 - 11.50)	17.6kW

*Up to 11.50kW apply to CU-4U34YBZ.



FLEXIBLE DESIGN

With more compact outdoor units and extended pipe length, the system is your solution to overcoming space and installation limitations. Mix and match the indoor units depending on capacity requirements and interior room layout.



Flexible to install in large space and open concept area

Space saving outdoor units

Model	Height Difference	Weight Difference
CU-2U18YBZ, CU-2S18SKH	HEIGHT: 77mm shorter	WEIGHT: 4kg lighter
CU-3U27YBZ, CU-3S28SBH	HEIGHT: 100mm shorter	WEIGHT: 20kg lighter
CU-4U34YBZ, CU-4S34SBH	HEIGHT: 204mm shorter	WEIGHT: 18kg lighter

Long piping ensures installation flexibility

15m (max. elevation length)
Increase total piping length to 70m*

*CU-4U28YBZ and CU-4U34YBZ

EASY INSTALLATION

Installation is made easier and flexible with the new improved outdoor units. No additional cost for refrigerant gas is required to fill up the outdoor unit on initial installation, even with the extended pipe length.



DURABLE OUTDOOR



Panasonic's outdoor unit provides high durability for an extended period of time under a wide range of conditions to achieve excellent performance.



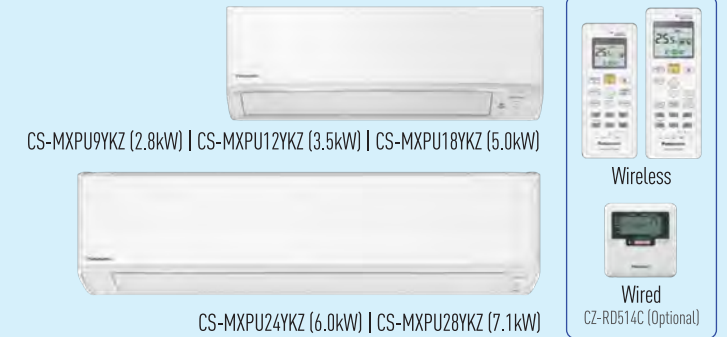
Corrosion-Resistant and Anti-Rust Blue Fin Condenser	Better Heat Transfer with Copper Tube Condenser	Corrosion-Resistant Outdoor Coating	Water-Resistant Printed Circuit Board (PCB)
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X-DELUXE INVERTER R32

The X-Deluxe Inverter R32 comes with nanoe™ X air purification system to provide 24-hour nanoe™ X protection while AEROWINGS provides further and faster airflow. Comes with a built-in network adaptor that helps connect to the Panasonic Comfort Cloud App and gain remote access to control the air conditioning units anytime, anywhere.



Scan to know more



24-HOUR nanoe™ X PROTECTION

Activate nanoe™ X all day long to stay safe with quality indoor air. nanoe™ X effectively inhibits novel coronavirus and various types of pollutants, reduces odour as well as moisturises skin and hair.



Inhibits 5 Types of Pollutants					Deodorises	Moisturises
Bacteria & Viruses	Mould	Allergens	Pollen	Hazardous Substances	Odours	Skin & Hair



CONVENIENT CENTRALISED CONTROL

With the built-in network adaptor connectable to Panasonic Comfort Cloud App, control and monitor all air conditioning units from mobile devices remotely. Turn on nanoe™ X when you are away from home or schedule timer according to your lifestyle needs, and monitor energy consumption conveniently.



INSTANT COOLING COMFORT WITH POWERFUL MODE OR QUIET MODE

The AEROWINGS twin flaps shower cooling feature directs cool air further and faster across the room and to the wall. It then showers down gently to cool you rapidly while avoiding direct cooling. Switch on POWERFUL Mode to enjoy cooling comfort instantly, even on a hot day. Reduce indoor noise levels by 3dB(A) and enjoy uninterrupted sleep quality with QUIET Mode.



<p>POWERFUL</p>	<p>Quiet ON</p> <p>Quiet Mode</p> <p>28dB(A)* ↓ 25dB(A) *CS-MXPU9/12YKZ</p>
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Note: Illustrations of app screens may differ from the actual screen appearance.

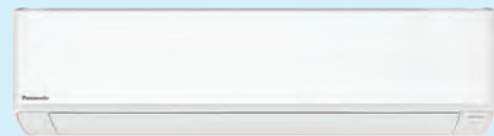
STANDARD INVERTER R32

The Standard Inverter R32 series provides instant cooling upon start-up with POWERFUL Mode. For cooling comfort, AEROWINGS delivers further and faster airflow, while Big Flap directs cool air across the room. With an optional network adaptor, you can control the air conditioning units with the Panasonic Comfort Cloud App anytime, anywhere.



Scan to know more

CS-MPU9YKZ (2.8kW) | CS-MPU12YKZ (3.5kW) | CS-MPU18YKZ (5.0kW)



CS-MPU24YKZ (6.0kW) | CS-MPU28YKZ (7.1kW)



Wireless



Wired CZ-RD514C (Optional)



Network Adaptor CZ-TACG1 (Optional)

BIG FLAP
(CS-MPU9/12/18YKZ)

AEROWINGS
(CS-MPU24/28YKZ)



POWERFUL



Panasonic Comfort Cloud App (Optional)

CONVENIENT CENTRALISED CONTROL

With an optional network adaptor (CZ-TACG1), connect to Panasonic Comfort Cloud App to remotely control and monitor all air conditioning units from mobile devices. Adjust temperature, or schedule timer according to your lifestyle needs, and monitor energy consumption conveniently.



INSTANT COOLING WITH A PUSH OF A BUTTON

POWERFUL Mode cools the room faster by decreasing the setting temperature by 2°C and operating the indoor fan at a higher speed to create powerful instant cooling during start-up.

POWERFUL



Press 'POWERFUL' once to switch ON POWERFUL Mode

COMFORT COOLING ENVIRONMENT WITH QUIET MODE

Panasonic AEROWINGS delivers further and faster airflow, while Big Flap directs cool air across the room to offer a comfortable, cooling environment. Switch on the Quiet Mode to ensure lower noise levels for a peaceful environment.



Further and faster airflow across the room

*CS-MPU24YKZ & CS-MPU28YKZ



Big bottom flap directs cool air across the room

*CS-MPU9YKZ, CS-MPU12YKZ & CS-MPU18YKZ



Quiet ON

Quiet Mode

28dB(A)*

25dB(A)

*CS-MPU9/12YKZ

Note: 1. Illustrations of app screens may differ from actual screen appearance.

SLIM DUCTED

Featuring slim and compact design with built-in drain pump for flexible installation in narrow ceiling spaces. Cool airflow is directed towards the ceiling over a wide-angle range. With an optional network adaptor (CZ-TACG1), connect air conditioning units to Panasonic Comfort Cloud App for a convenient control anytime, anywhere.



Scan to know more



CS-MU9YD3Z (2.8kW) | CS-MU12YD3Z (3.5kW) | CS-MU18YD3Z (5.0kW) | CS-MU24YD3Z (6.0kW)



Wireless



Wired CZ-RD52CP-1 (Optional)



Network Adaptor CZ-TACG1 (Optional)



POWERFUL



Panasonic Comfort Cloud App (Optional)

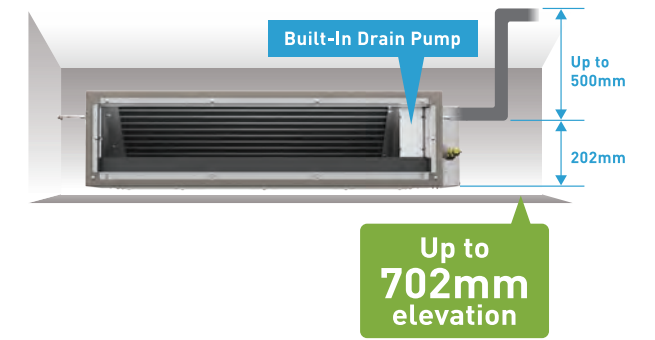
200mm HEIGHT TO FIT NARROW CEILING SPACES

Slim and compact design with 200mm height, requiring only 240mm ceiling space for installation in narrow ceiling spaces.



FLEXIBLE INSTALLATION

Panasonic's ducted unit is designed to be slim and compact. This, with the built-in drain pump and bottom air intake function, allows for flexible installation that can fit the interior of any room.



COOLING COMFORT WITH POWERFUL MODE

When POWERFUL Mode is switched on, the internal setting temperature will shift lower and increases fan speed, offering instant powerful cooling when you need to cool the space quickly after arriving home.



Press 'POWERFUL' once to switch ON POWERFUL Mode

The receiver's indicator will light up in orange colour when POWERFUL Mode is on



Directs cool air towards ceiling

Note: Illustrations of app screens may differ from actual screen appearance.

Features Comparison

SPLIT TYPE	WALL-MOUNTED X-DELUXE INVERTER R32		WALL-MOUNTED STANDARD INVERTER R32		SLIM DUCTED
	CS-MXPU9YKZ CS-MXPU12YKZ CS-MXPU18YKZ	CS-MXPU24YKZ CS-MXPU28YKZ	CS-MPU9YKZ CS-MPU12YKZ CS-MPU18YKZ	CS-MPU24YKZ CS-MPU28YKZ	CS-MU9YD3Z CS-MU12YD3Z CS-MU18YD3Z CS-MU24YD3Z
COOLING MODELS					
COMFORT					
Inverter Control	•	•	•	•	•
SLEEP Sleep Mode	•	•	•	•	•
Quiet Mode	•	•	•	•	•
POWERFUL Mode	•	•	•	•	•
ECO Mode with A.I.	(Temperature shift)	(Temperature shift)	(Temperature shift)	(Temperature shift)	
Soft Dry Operation Mode	•	•	•	•	•
Personal Airflow Creation		•		•	
Airflow Direction Control (Up & Down)	•		•		
Manual Horizontal Airflow Direction Control	•		•		
CLEANER AIR					
nanoe™ X	•	•			
nanoe-G	•	•			
Odour-Removing Function	•	•	•	•	•
Removable, Washable Panel	•	•	•	•	
CONVENIENCE					
24-Hour Dual ON & OFF Real Setting Timer	•	•	•	•	•
LCD Wireless Remote Control	•	•	•	•	•
Wireless LAN Remote Control For Internet Connection	(Built-in)	(Built-in)	(Optional)	(Optional)	(Optional)
Wired Remote Control	(Optional)	(Optional)	(Optional)	(Optional)	(Optional)
Bottom Air Intake					•
Built-In Drain Pump					•
RELIABILITY					
Random Auto Restart (32 Restart Patterns)	•	•	•	•	•
Blue Fin Condenser	•	•	•	•	•
Top-Panel Maintenance Access	•	•	•	•	•
Self-Diagnostic Function	•	•	•	•	•

Connection of Outdoor and Indoor Units

Models	Indoor Units: Possible Combination Patterns (Must be within capacity range)	Indoor Units Combination Range	Indoor Unit Combination			
			Capacity (kW class)	X-DELUXE INVERTER R32	STANDARD INVERTER R32	SLIM DUCTED
System 2 5.1kW Dimensions (H x W x D): 542 x 780 x 289 mm	PORT A: 2.8 or 3.5 or 5.0 *Either unit PORT B: 2.8 or 3.5 or 5.0 *Either unit	5.6kW to 8.5kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
System 3 7.5kW Dimensions (H x W x D): 695 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 14.8kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	
System 4 8.0kW Dimensions (H x W x D): 695 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT D: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 16.2kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	
System 4 9.5kW Dimensions (H x W x D): 795 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT D: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 17.6kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	

Indoor Units Specifications

MODEL		WALL-MOUNTED X-DELUXE INVERTER R32				
		CS-MXPU9YKZ	CS-MXPU12YKZ	CS-MXPU18YKZ	CS-MXPU24YKZ	CS-MXPU28YKZ
Cooling Capacity	kW	2.8	3.5	5.0	6.0	7.1
	Btu/h	9,550	11,900	17,100	20,500	24,200
Power Source		Single Phase, 220V - 240V, 50Hz				
Sound Pressure Level (H/L)	dB(A)	43/28	44/28	45/34	49/39	49/39
Air Circulation (H)	m ³ /min (ft ³ /min)	12.7 (450)	13.1 (460)	13.3 (470)	20.2 (715)	20.5 (725)
Dimensions	Height	mm	290	290	290	295
	Width	mm	779	779	779	1,040
	Depth	mm	209	209	209	244
Net Weight	kg	8	8	9	14	14
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 12.70*2
Power Supply		Outdoor				

Note: Pipe size expander CZ-MA2PA is not required when outdoor units CU-4U34YBZ are connected to CS-MXPU24YKZ and CS-MXPU28YKZ.

MODEL		WALL-MOUNTED STANDARD INVERTER R32				
		CS-MPU9YKZ	CS-MPU12YKZ	CS-MPU18YKZ	CS-MPU24YKZ	CS-MPU28YKZ
Cooling Capacity	kW	2.8	3.5	5.0	6.0	7.1
	Btu/h	9,550	11,900	17,100	20,500	24,200
Power Source		Single Phase, 220V - 240V, 50Hz				
Sound Pressure Level (H/L)	dB(A)	43/28	44/28	45/34	49/39	49/39
Air Circulation (H)	m ³ /min (ft ³ /min)	12.7 (450)	13.1 (460)	13.3 (470)	20.2 (715)	20.5 (725)
Dimensions	Height	mm	290	290	290	295
	Width	mm	779	779	779	1,040
	Depth	mm	209	209	209	244
Net Weight	kg	8	8	9	14	14
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 12.70*2
Power Supply		Outdoor				

Note: Pipe size expander CZ-MA2PA is not required when outdoor unit CU-4U34YBZ is connected to CS-MPU24YKZ and CS-MPU28YKZ.

MODEL		SLIM DUCTED			
		CS-MU9YD3Z	CS-MU12YD3Z	CS-MU18YD3Z	CS-MU24YD3Z
Cooling Capacity	kW	2.8	3.5	5.0	6.0
	Btu/h	9,550	11,900	17,100	20,500
Power Source		Single Phase, 220V - 240V, 50Hz			
Sound Pressure Level (H/L)	dB(A)	35/28	35/28	41/30	41/30
Air Circulation (H)	m ³ /min (ft ³ /min)	13.2 (465)	13.2 (465)	15.5 (545)	15.5 (545)
Dimensions	Height	mm	200	200	200
	Width	mm	750	750	750
	Depth	mm	640	640	640
Net Weight	kg	19	19	19	19
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 9.52
Power Supply		Outdoor			

Note: Pipe size expander CZ-MA2PA is not required when outdoor units CU-4U34YBZ are connected to CS-MU24YD3Z.

Outdoor Units Specifications

MODEL		U SERIES			
		CU-2U18YBZ	CU-3U27YBZ	CU-4U28YBZ	CU-4U34YBZ
Cooling Capacity	[min - max] kW	5.10 (1.50 - 6.10)	7.50 (2.80 - 9.50)	8.00 (2.80 - 10.20)	9.50 (2.90 - 11.50)
	[min - max] Btu/h	17,400 (5,120 - 20,800)	25,600 (9,550 - 32,400)	27,300 (9,550 - 34,800)	32,400 (9,890 - 39,200)
Power Source		Single Phase, 220V - 240V, 50Hz			
Maximum Indoor Connectable Capacity		kW	8.5	14.8	16.2
Maximum Connectable Indoor		units	2	3	4
Electrical Data	Running Current	A	6.1 - 5.6	9.2 - 8.4	9.4 - 8.6
	Power Input (min - max)	W	1,310 (250 - 1,900)	1,980 (540 - 2,740)	2,000 (540 - 3,200)
EER	[min - max] Btu/hW		13.28 (20.48 - 10.95)	12.93 (17.69 - 11.82)	13.65 (17.69 - 10.88)
	[min - max] W/W		3.89 (6.00 - 3.21)	3.79 (5.19 - 3.47)	4.00 (5.19 - 3.19)
Sound Pressure Level (H/L)	dB(A)	50/45	49/44	49/44	54/49
Maximum Current	A	10.4	16.2	16.6	16.6
Starting Current	A	6.1	9.2	9.4	11.3
Compressor Output	W	900	1,500	1,500	1,500
Dimensions	Height	mm	542	695	695
	Width	mm	780 (+70)	875 (+95)	875 (+95)
	Depth	mm	289	320	320
Net Weight	kg	33	48	48	
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35 x2	ø 6.35 x3	ø 6.35 x4
	Gas Side	mm	ø 9.52 x2	ø 9.52 x3	ø 9.52 x4
Pipe Extension	Maximum Pipe Length	1 Room (m)	20	30	30
		Total (m)	30	60	70
	Maximum Elevation Length	m	15	15	15
	Additional Refrigerant Gas	g/m	Chargeless	Chargeless	Chargeless

Accessories



CZ-MA1PA

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" (12.70mm) to 3/8" (9.52mm).



CZ-MA2PA

*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" (9.52mm) to 1/2" (12.70mm).

Outdoor and Indoor Units Combination

CU-2U18YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h	
			Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V		240V
1 Room	2.8	2.8	2.80				2.80	1.10 ~ 3.50	650	220 ~ 890	3.1	3.0	2.9	1.6
	3.5	3.5	3.50				3.50	1.10 ~ 4.20	890	220 ~ 1,370	4.2	4.0	3.9	2.0
	5.0	5.0	5.00				5.00	1.10 ~ 5.10	1,800	220 ~ 1,860	8.3	7.9	7.6	2.7
2 Rooms	2.8 + 2.8	5.6	2.50	2.50			5.00	1.50 ~ 5.90	1,270	260 ~ 1,900	5.9	5.7	5.5	1.5 + 1.5
	2.8 + 3.5	6.3	2.22	2.78			5.00	1.50 ~ 5.95	1,270	260 ~ 1,900	5.9	5.7	5.5	1.4 + 1.6
	2.8 + 5.0	7.8	1.81	3.24			5.05	1.50 ~ 6.05	1,290	250 ~ 1,900	6.0	5.7	5.5	1.2 + 1.8
	3.5 + 3.5	7.0	2.50	2.50			5.00	1.50 ~ 6.00	1,270	260 ~ 1,900	5.9	5.7	5.5	1.5 + 1.5
	3.5 + 5.0	8.5	2.10	3.00			5.10	1.50 ~ 6.10	1,310	250 ~ 1,900	6.1	5.8	5.6	1.4 + 1.7

CU-3U27YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h	
			Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V		240V
1 Room	2.8	2.8	2.80				2.80	1.70 ~ 3.60	650	380 ~ 930	3.0	2.9	2.8	1.6
	3.5	3.5	3.50				3.50	1.70 ~ 4.60	890	380 ~ 1,470	4.2	4.0	3.9	2.0
	5.0	5.0	5.00				5.00	1.70 ~ 5.60	1,600	380 ~ 1,920	7.3	7.0	6.8	2.7
	6.0	6.0	6.00				6.00	1.90 ~ 7.30	1,780	400 ~ 2,830	8.1	7.8	7.5	3.3
	7.1	7.1	7.10				7.10	1.90 ~ 7.50	2,570	400 ~ 3,070	11.8	11.3	10.9	4.1
2 Rooms	2.8 + 2.8	5.6	2.80	2.80			5.60	1.70 ~ 7.35	1,580	380 ~ 2,690	7.5	7.1	6.9	1.6 + 1.6
	2.8 + 3.5	6.3	2.80	3.50			6.30	1.90 ~ 7.90	1,970	400 ~ 2,970	9.2	8.8	8.5	1.6 + 2.0
	2.8 + 5.0	7.8	2.30	4.10			6.40	2.60 ~ 7.95	2,030	540 ~ 3,000	9.5	9.1	8.7	1.5 + 2.3
	2.8 + 6.0	8.8	2.28	4.88			7.15	2.80 ~ 8.45	2,130	550 ~ 3,020	10.0	9.5	9.1	1.5 + 2.7
	2.8 + 7.1	9.9	2.04	5.16			7.20	2.80 ~ 8.50	2,160	550 ~ 3,020	10.1	9.7	9.3	1.3 + 2.8
	3.5 + 3.5	7.0	3.18	3.18			6.35	1.90 ~ 7.95	2,000	400 ~ 2,970	9.4	9.0	8.6	1.8 + 1.8
	3.5 + 5.0	8.5	2.66	3.79			6.45	2.60 ~ 8.00	2,060	540 ~ 3,000	9.6	9.2	8.8	1.6 + 2.2
	3.5 + 6.0	9.5	2.63	4.52			7.15	2.80 ~ 8.50	2,130	550 ~ 3,020	10.0	9.5	9.1	1.6 + 2.5
	3.5 + 7.1	10.6	2.38	4.82			7.20	2.80 ~ 8.55	2,260	550 ~ 3,210	10.7	10.2	9.8	1.5 + 2.6
	5.0 + 5.0	10.0	3.25	3.25			6.50	2.60 ~ 8.10	2,250	540 ~ 3,110	10.6	10.2	9.8	1.8 + 1.8
	5.0 + 6.0	11.0	3.27	3.93			7.20	2.80 ~ 8.55	2,260	550 ~ 3,210	10.7	10.2	9.8	1.9 + 2.3
	5.0 + 7.1	12.1	3.00	4.25			7.25	2.80 ~ 8.60	2,280	550 ~ 3,210	10.8	10.3	9.9	1.7 + 2.4
	6.0 + 6.0	12.0	3.95	3.95			7.90	2.80 ~ 9.20	2,570	550 ~ 3,210	12.2	11.6	11.1	2.3 + 2.3
	6.0 + 7.1	13.1	3.64	4.31			7.95	2.80 ~ 9.25	2,590	550 ~ 3,210	12.2	11.7	11.2	2.1 + 2.4
	7.1 + 7.1	14.2	4.00	4.00			8.00	2.80 ~ 9.30	2,610	550 ~ 3,210	12.3	11.8	11.3	2.3 + 2.3
3 Rooms	2.8 + 2.8 + 2.8	8.4	2.33	2.33	2.33		7.00	2.80 ~ 9.00	1,830	550 ~ 3,050	8.5	8.1	7.8	1.5 + 1.5 + 1.5
	2.8 + 2.8 + 3.5	9.1	2.15	2.15	2.69		7.00	2.80 ~ 9.05	1,830	550 ~ 3,050	8.5	8.1	7.8	1.4 + 1.4 + 1.6
	2.8 + 2.8 + 5.0	10.6	1.86	1.86	3.33		7.05	2.80 ~ 9.10	1,850	550 ~ 3,050	8.6	8.2	7.9	1.2 + 1.2 + 1.9
	2.8 + 2.8 + 6.0	11.6	1.73	1.73	3.70		7.15	2.80 ~ 9.25	1,860	540 ~ 3,030	8.6	8.3	7.9	1.1 + 1.1 + 2.2
	2.8 + 2.8 + 7.1	12.7	1.59	1.59	4.03		7.20	2.80 ~ 9.30	1,860	540 ~ 3,030	8.6	8.3	7.9	1.0 + 1.0 + 2.3
	2.8 + 3.5 + 3.5	9.8	2.00	2.50	2.50		7.00	2.80 ~ 9.10	1,830	550 ~ 3,050	8.5	8.1	7.8	1.3 + 1.5 + 1.5
	2.8 + 3.5 + 5.0	11.3	1.75	2.18	3.12		7.05	2.80 ~ 9.15	1,840	550 ~ 3,050	8.5	8.2	7.8	1.1 + 1.4 + 1.8
	2.8 + 3.5 + 6.0	12.3	1.63	2.03	3.49		7.15	2.80 ~ 9.30	1,850	540 ~ 3,030	8.6	8.2	7.9	1.0 + 1.3 + 2.0
	2.8 + 3.5 + 7.1	13.4	1.50	1.88	3.81		7.20	2.80 ~ 9.35	1,850	540 ~ 3,030	8.6	8.2	7.9	1.0 + 1.2 + 2.2
	2.8 + 5.0 + 5.0	12.8	1.58	2.81	2.81		7.20	2.80 ~ 9.20	1,890	550 ~ 3,050	8.8	8.4	8.0	1.0 + 1.6 + 1.6
	2.8 + 5.0 + 6.0	13.8	1.48	2.64	3.17		7.30	2.80 ~ 9.35	1,900	540 ~ 3,030	8.8	8.4	8.1	0.9 + 1.6 + 1.8
	2.8 + 6.0 + 6.0	14.8	1.42	3.04	3.04		7.50	2.80 ~ 9.50	1,980	540 ~ 2,740	9.2	8.8	8.4	0.9 + 1.7 + 1.7
	3.5 + 3.5 + 3.5	10.5	2.33	2.33	2.33		7.00	2.80 ~ 9.15	1,830	550 ~ 3,050	8.5	8.1	7.8	1.5 + 1.5 + 1.5
	3.5 + 3.5 + 5.0	12.0	2.06	2.06	2.94		7.05	2.80 ~ 9.20	1,840	550 ~ 3,050	8.5	8.2	7.8	1.3 + 1.3 + 1.7
	3.5 + 3.5 + 6.0	13.0	1.93	1.93	3.30		7.15	2.80 ~ 9.35	1,850	540 ~ 3,030	8.6	8.2	7.9	1.2 + 1.2 + 1.9
	3.5 + 3.5 + 7.1	14.1	1.79	1.79	3.63		7.20	2.80 ~ 9.40	1,850	540 ~ 3,030	8.6	8.2	7.9	1.2 + 1.2 + 2.1
	3.5 + 5.0 + 5.0	13.5	1.87	2.67	2.67		7.20	2.80 ~ 9.25	1,890	550 ~ 3,050	8.8	8.4	8.0	1.2 + 1.6 + 1.6
	3.5 + 5.0 + 6.0	14.5	1.76	2.52	3.02		7.30	2.80 ~ 9.40	1,900	540 ~ 3,030	8.8	8.4	8.1	1.1 + 1.5 + 1.7

CU-4U28YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)					Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h	
			Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V		240V
1 Room	2.8	2.8	2.80				2.80	1.70 ~ 3.60	650	380 ~ 930	3.0	2.9	2.8	1.6
	3.5	3.5	3.50				3.50	1.70 ~ 4.60	890	380 ~ 1,470	4.2	4.0	3.9	2.0
	5.0	5.0	5.00				5.00	1.70 ~ 5.60	1,600	380 ~ 1,920	7.3	7.0	6.8	2.7
	6.0	6.0	6.00				6.00	1.90 ~ 7.30	1,780	400 ~ 2,830	8.1	7.8	7.5	3.3
	7.1	7.1	7.10				7.10	1.90 ~ 7.50	2,570	400 ~ 3,070	11.8	11.3	10.9	4.1
2 Rooms	2.8 + 2.8	5.6	2.80	2.80			5.60	1.70 ~ 7.35	1,750	380 ~ 2,850	8.3	7.9	7.6	1.6 + 1.6
	2.8 + 3.5	6.3	2.80	3.50			6.30	1.90 ~ 7.90	2,150	400 ~ 3,100	10.2	9.7	9.3	1.6 + 2.0
	2.8 + 5.0	7.8	2.30	4.10			6.40	2.60 ~ 8.00	2,210	540 ~ 3,100	10.5	10.0	9.6	1.5 + 2.3
	2.8 + 6.0	8.8	2.28	4.88			7.15	2.80 ~ 8.45	2,240	550 ~ 3,210	10.6	10.1	9.7	1.5 + 2.7
	2.8 + 7.1	9.9	2.04	5.16			7.20	2.80 ~ 8.50	2,260	550 ~ 3,210	10.7	10.2	9.8	1.3 + 2.8
	3.5 + 3.5	7.0	3.18	3.18			6.35	1.90 ~ 7.95	2,150	400 ~ 3,100	10.2	9.7	9.3	1.8 + 1.8
	3.5 + 5.0	8.5	2.66	3.79			6.45	2.60 ~ 8.05	2,230	540 ~ 3,110	10.5	10.1	9.7	1.6 + 2.2
	3.5 + 6.0	9.5	2.63	4.52			7.15	2.80 ~ 8.50	2,240	550 ~ 3,210	10.6	10.1	9.7	1.6 + 2.5
	3.5 + 7.1	10.6	2.38	4.82			7.20	2.80 ~ 8.55	2,260	550 ~ 3,210	10.7	10.2	9.8	1.5 + 2.6
	5.0 + 5.0	10.0	3.25	3.25			6.50	2.60 ~ 8.10	2,250	540 ~ 3,110	10.6	10.2	9.8	1.8 + 1.8
	5.0 + 6.0	11.0	3.27	3.93			7.20	2.80 ~ 8.55	2,260	550 ~ 3,210	10.7	10.2	9.8	1.9 + 2.3
	5.0 + 7.1	12.1	3.00	4.25			7.25	2.80 ~ 8.60	2,280	550 ~ 3,210	10.8	10.3	9.9	1.7 + 2.4
	6.0 + 6.0	12.0	3.95	3.95			7.90	2.80 ~ 9.20	2,570	550 ~ 3,210	12.2	11.6	11.1	2.3 + 2.3
	6.0 + 7.1	13.1	3.64	4.31			7.95	2.80 ~ 9.25	2,590	550 ~ 3,210	12.2	11.7	11.2	2.1 + 2.4
	7.1 + 7.1	14.2	4.00	4.00			8.00	2.80 ~ 9.30	2,610	550 ~ 3,210	12.3	11.8	11.3	2.3 + 2.3
3 Rooms	2.8 + 2.8 + 2.8	8.4	2.33	2.33	2.33		7.00	2.80 ~ 9.00	2,080	550 ~ 3,180	9.8	9.4	9.0	1.5 + 1.5 + 1.5
	2.8 + 2.8 + 3.5	9.1	2.15	2.15	2.69		7.00	2.80 ~ 9.05	2,080	550 ~ 3,180	9.8	9.4	9.0	1.4 + 1.4 + 1.6
	2.8 + 2.8 + 5.0	10.6	1.86	1.86	3.33		7.05	2.80 ~ 9.10	2,100	550 ~ 3,180	9.9	9.5	9.1	1.2 + 1.2 + 1.9
	2.8 + 2.8 + 6.0	11.6	1.73	1.73	3.70		7.15	2.80 ~ 9.25	2,040	540 ~ 3,160	9.6	9.2	8.8	1.1 + 1.1 + 2.2
	2.8 + 2.8 + 7.1	12.7	1.59	1.59	4.03		7.20	2.80 ~ 9.30	2,060	540 ~ 3,160	9.7	9.3	8.9	1.0 + 1.0 + 2.3
	2.8 + 3.5 + 3.5	9.8	2.00	2.										

Outdoor and Indoor Unit Combination

CU-4U28YBZ

INDOOR UNIT COMBINATION Cooling	Total	Cooling Capacity (kW)							Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h
		Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V	240V		
		2.8 + 2.8 + 2.8 + 2.8	11.2	1.88	1.88	1.88	1.88	7.50	2.80 ~ 9.40	1,850	550 ~ 3,380	8.7	8.3	
2.8 + 2.8 + 2.8 + 3.5	11.9	1.76	1.76	1.76	2.21	7.50	2.80 ~ 9.45	1,850	550 ~ 3,380	8.7	8.3	7.9	1.1 + 1.1 + 1.1 + 1.4	
2.8 + 2.8 + 2.8 + 5.0	13.4	1.58	1.58	1.58	2.82	7.55	2.80 ~ 9.50	1,840	550 ~ 3,380	8.6	8.2	7.9	1.0 + 1.0 + 1.0 + 1.7	
2.8 + 2.8 + 2.8 + 6.0	14.4	1.52	1.52	1.52	3.25	7.80	2.80 ~ 10.00	1,910	540 ~ 3,200	8.9	8.6	8.2	1.0 + 1.0 + 1.0 + 1.8	
2.8 + 2.8 + 2.8 + 7.1	15.5	1.42	1.42	1.42	3.60	7.85	2.80 ~ 10.10	1,940	540 ~ 3,200	9.1	8.7	8.3	0.9 + 0.9 + 0.9 + 2.1	
2.8 + 2.8 + 3.5 + 3.5	12.6	1.67	1.67	2.08	2.08	7.50	2.80 ~ 9.50	1,850	550 ~ 3,440	8.7	8.3	7.9	1.1 + 1.1 + 1.3 + 1.3	
2.8 + 2.8 + 3.5 + 5.0	14.1	1.50	1.50	1.87	2.68	7.55	2.80 ~ 9.55	1,840	550 ~ 3,380	8.6	8.2	7.9	1.0 + 1.0 + 1.2 + 1.6	
2.8 + 2.8 + 3.5 + 6.0	15.1	1.46	1.46	1.83	3.14	7.90	2.80 ~ 10.10	1,960	540 ~ 3,200	9.2	8.8	8.4	0.9 + 0.9 + 1.2 + 1.8	
2.8 + 2.8 + 3.5 + 7.1	16.2	1.38	1.38	1.73	3.51	8.00	2.80 ~ 10.20	2,000	540 ~ 3,200	9.4	9.0	8.6	0.9 + 0.9 + 1.1 + 2.0	
2.8 + 2.8 + 5.0 + 5.0	15.6	1.36	1.36	2.44	2.44	7.60	2.80 ~ 9.60	1,890	550 ~ 3,380	8.9	8.5	8.1	0.9 + 0.9 + 1.5 + 1.5	
2.8 + 3.5 + 3.5 + 3.5	13.3	1.59	1.99	1.99	1.99	7.55	2.80 ~ 9.55	1,850	550 ~ 3,440	8.7	8.3	7.9	1.0 + 1.3 + 1.3 + 1.3	
2.8 + 3.5 + 3.5 + 5.0	14.8	1.44	1.80	1.80	2.57	7.60	2.80 ~ 9.60	1,890	550 ~ 3,380	8.9	8.5	8.1	0.9 + 1.2 + 1.2 + 1.6	
2.8 + 3.5 + 3.5 + 6.0	15.8	1.40	1.75	1.75	3.00	7.90	2.80 ~ 10.10	1,960	540 ~ 3,200	9.2	8.8	8.4	0.9 + 1.1 + 1.1 + 1.7	
3.5 + 3.5 + 3.5 + 3.5	14.0	1.89	1.89	1.89	1.89	7.55	2.80 ~ 9.60	1,850	550 ~ 3,380	8.7	8.3	7.9	1.2 + 1.2 + 1.2 + 1.2	
3.5 + 3.5 + 3.5 + 5.0	15.5	1.72	1.72	1.72	2.45	7.60	2.80 ~ 9.65	1,890	550 ~ 3,380	8.9	8.5	8.1	1.1 + 1.1 + 1.1 + 1.5	

CU-4U34YBZ

INDOOR UNIT COMBINATION Cooling	Total	Cooling Capacity (kW)							Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h
		Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V	240V		
		2.8	2.8	2.80				2.80	1.70 ~ 3.60	650	380 ~ 930	3.0	2.9	
3.5	3.5	3.50				3.50	1.70 ~ 4.60	890	380 ~ 1,470	4.2	4.0	3.9	2.0	
5.0	5.0	5.00				5.00	1.70 ~ 5.60	1,600	380 ~ 1,920	7.3	7.0	6.8	2.7	
6.0	6.0	6.00				6.00	1.90 ~ 7.57	1,460	400 ~ 2,510	6.7	6.4	6.2	3.3	
7.1	7.1	7.10				7.10	1.90 ~ 8.03	2,250	400 ~ 2,850	10.3	9.9	9.5	4.1	
2.8 + 2.8	5.6	2.80	2.80			5.60	1.70 ~ 8.20	1,380	380 ~ 2,310	6.5	6.2	6.0	1.6 + 1.6	
2.8 + 3.5	6.3	2.80	3.50			6.30	1.90 ~ 8.55	1,600	400 ~ 2,550	7.6	7.2	7.0	1.6 + 2.0	
2.8 + 5.0	7.8	2.80	5.00			7.80	2.90 ~ 8.95	2,420	570 ~ 2,950	11.3	10.8	10.5	1.6 + 2.7	
2.8 + 6.0	8.8	2.74	5.86			8.60	2.90 ~ 9.80	2,460	560 ~ 3,040	11.5	11.0	10.7	1.6 + 3.2	
2.8 + 7.1	9.9	2.45	6.20			8.65	2.90 ~ 9.90	2,480	560 ~ 3,040	11.6	11.1	10.8	1.5 + 3.5	
3.5 + 3.5	7.0	3.50	3.50			7.00	1.90 ~ 8.60	1,800	400 ~ 2,550	8.4	8.1	7.8	2.0 + 2.0	
3.5 + 5.0	8.5	3.27	4.68			7.95	2.90 ~ 9.00	2,460	570 ~ 2,950	11.5	11.0	10.7	1.9 + 2.5	
3.5 + 6.0	9.5	3.19	5.46			8.65	2.90 ~ 9.90	2,480	560 ~ 3,040	11.6	11.1	10.8	1.8 + 3.0	
3.5 + 7.1	10.6	2.87	5.83			8.70	2.90 ~ 10.00	2,500	560 ~ 3,040	11.7	11.2	10.8	1.7 + 3.2	
5.0 + 5.0	10.0	4.05	4.05			8.10	2.90 ~ 9.20	2,500	570 ~ 2,950	11.7	11.2	10.8	2.3 + 2.3	
5.0 + 6.0	11.0	3.98	4.77			8.75	2.90 ~ 10.20	2,500	560 ~ 3,040	11.7	11.2	10.8	2.3 + 2.6	
5.0 + 7.1	12.1	3.64	5.16			8.80	2.90 ~ 10.30	2,520	560 ~ 3,040	11.8	11.3	10.9	2.1 + 2.8	
6.0 + 6.0	12.0	4.70	4.70			9.40	2.90 ~ 10.40	2,810	560 ~ 3,140	13.2	12.6	12.2	2.5 + 2.5	
6.0 + 7.1	13.1	4.33	5.12			9.45	2.90 ~ 10.45	2,830	560 ~ 3,140	13.3	12.7	12.3	2.4 + 2.8	
7.1 + 7.1	14.2	4.75	4.75			9.50	2.90 ~ 10.50	2,850	560 ~ 3,160	13.3	12.8	12.4	2.6 + 2.6	

CU-4U34YBZ

INDOOR UNIT COMBINATION Cooling	Total	Cooling Capacity (kW)							Input Power (W)		Current [50Hz] (A)			Moisture Removal Volume L/h
		Room A	Room B	Room C	Room D	Total	min ~ max	Rated	min ~ max	220V	230V	240V		
		2.8 + 2.8 + 2.8	8.4	2.80	2.80	2.80		8.40	2.90 ~ 10.00	2,110	570 ~ 2,810	9.9	9.5	
2.8 + 2.8 + 3.5	9.1	2.65	2.65	3.31		8.60	2.90 ~ 10.10	2,210	570 ~ 2,810	10.3	9.9	9.6	1.6 + 1.6 + 1.9	
2.8 + 2.8 + 5.0	10.6	2.30	2.30	4.10		8.70	2.90 ~ 10.20	2,250	570 ~ 2,810	10.5	10.1	9.8	1.5 + 1.5 + 2.3	
2.8 + 2.8 + 6.0	11.6	2.20	2.20	4.71		9.10	2.90 ~ 10.60	2,520	560 ~ 3,100	11.8	11.3	10.9	1.4 + 1.4 + 2.5	
2.8 + 2.8 + 7.1	12.7	2.02	2.02	5.12		9.15	2.90 ~ 10.70	2,540	560 ~ 3,100	11.9	11.4	11.0	1.3 + 1.3 + 2.8	
2.8 + 3.5 + 3.5	9.8	2.47	3.09	3.09		8.65	2.90 ~ 10.15	2,230	570 ~ 2,810	10.4	10.0	9.7	1.5 + 1.7 + 1.7	
2.8 + 3.5 + 5.0	11.3	2.17	2.71	3.87		8.75	2.90 ~ 10.25	2,270	570 ~ 2,810	10.6	10.2	9.8	1.4 + 1.6 + 2.3	
2.8 + 3.5 + 6.0	12.3	2.08	2.60	4.46		9.15	2.90 ~ 10.70	2,540	560 ~ 3,100	11.9	11.4	11.0	1.3 + 1.6 + 2.5	
2.8 + 3.5 + 7.1	13.4	1.92	2.40	4.87		9.20	2.90 ~ 10.80	2,560	560 ~ 3,100	12.0	11.5	11.1	1.2 + 1.5 + 2.7	
2.8 + 5.0 + 5.0	12.8	1.96	3.50	3.50		8.95	2.90 ~ 10.50	2,450	570 ~ 2,960	11.5	11.0	10.6	1.3 + 2.0 + 2.0	
2.8 + 5.0 + 6.0	13.8	1.88	3.35	4.02		9.25	2.90 ~ 10.80	2,520	560 ~ 3,100	11.8	11.3	10.9	1.2 + 1.9 + 2.3	
2.8 + 5.0 + 7.1	14.9	1.75	3.12	4.43		9.30	2.90 ~ 10.90	2,540	560 ~ 3,100	11.9	11.4	11.0	1.1 + 1.8 + 2.5	
2.8 + 6.0 + 6.0	14.8	1.78	3.81	3.81		9.40	2.90 ~ 11.05	2,540	560 ~ 3,120	11.9	11.4	11.0	1.1 + 2.2 + 2.2	
2.8 + 6.0 + 7.1	15.9	1.66	3.57	4.22		9.45	2.90 ~ 11.10	2,560	560 ~ 3,120	12.0	11.5	11.1	1.1 + 2.1 + 2.4	
2.8 + 7.1 + 7.1	17.0	1.56	3.97	3.97		9.50	2.90 ~ 11.15	2,580	560 ~ 3,120	12.1	11.6	11.2	1.0 + 2.3 + 2.3	
3.5 + 3.5 + 3.5	10.5	2.90	2.90	2.90		8.70	2.90 ~ 10.20	2,250	570 ~ 2,810	10.5	10.1	9.8	1.7 + 1.7 + 1.7	
3.5 + 3.5 + 5.0	12.0	2.57	2.57	3.67		8.80	2.90 ~ 10.30	2,290	570 ~ 2,810	10.7	10.3	9.9	1.6 + 1.6 + 2.1	
3.5 + 3.5 + 6.0	13.0	2.48	2.48	4.25		9.20	2.90 ~ 10.80	2,560	560 ~ 3,100	12.0	11.5	11.1	1.5 + 1.5 + 2.4	
3.5 + 3.5 + 7.1	14.1	2.30	2.30	4.66		9.25	2.90 ~ 10.90	2,580	560 ~ 3,100	12.1	11.6	11.2	1.5 + 1.5 + 2.5	
3.5 + 5.0 + 5.0	13.5	2.33	3.33	3.33		9.00	2.90 ~ 10.55	2,470	570 ~ 2,960	11.6	11.1	10.7	1.5 + 1.9 + 1.9	
3.5 + 5.0 + 6.0	14.5	2.24	3.21	3.85		9.30	2.90 ~ 10.90	2,540	560 ~ 3,100	11.9	11.4	11.0	1.5 + 1.8 + 2.3	
3.5 + 5.0 + 7.1	15.6	2.10	3.00	4.26		9.35	2.90 ~ 11.00	2,560	560 ~ 3,100	12.0	11.5	11.1	1.4 + 1.7 + 2.4	
3.5 + 6.0 + 6.0	15.5	2.12	3.64	3.64		9.40	2.90 ~ 11.10	2,540	560 ~ 3,120	11.9	11.4	11.0	1.4 + 2.1 + 2.1	
3.5 + 6.0 + 7.1	16.6	1.99	3.42	4.04		9.45	2.90 ~ 11.15	2,560	560 ~ 3,120	12.0	11.5	11.1	1.3 + 2.0 + 2.3	
5.0 + 5.0 + 5.0	15.0	3.03	3.03	3.03		9.10	2.90 ~ 10.60	2,470	570 ~ 2,960	11.6	11.1	10.7	1.7 + 1.7 + 1.7	
5.0 + 5.0 + 6.0	16.0	2.94	2.94	3.53		9.40	2.90 ~ 11.00	2,580	560 ~ 3,100	12.1	11.6	11.2	1.7 + 1.7 + 2.0	
5.0 + 5.0 + 7.1	17.1	2.76	2.76	3.92		9.45	2.90 ~ 11.10	2,600	560 ~ 3,100	12.2	11.6	11.3	1.6 + 1.6 + 2.3	
5.0 + 6.0 + 6.0	17.0	2.79	3.35	3.35		9.50	2.90 ~ 11.20	2,580	560 ~ 3,120	12.1	11.6	11.2	1.6 + 1.9 + 1.9	
2.8 + 2.8 + 2.8 + 2.8	11.2	2.25	2.25	2.25	2.25	9.00	2.90 ~ 10.85	2,270	570 ~ 3,100	10.5	10.1	9.7	1.5 + 1.5 + 1.5 + 1.5	
2.8 + 2.8 + 2.8 + 3.5	11.9	2.12	2.12	2.12	2.65	9.00	2.90 ~ 10.90	2,270	570 ~ 3,100	10.5	10.1	9.7	1.4 + 1.4 + 1.4 + 1.6	
2.8 + 2.8 + 2.8 + 5.0	13.4	1.89	1.89	1.89	3.38	9.05	2.90 ~ 10.95	2,290	570 ~ 3,100	10.6	10.2	9.8	1.2 + 1.2 + 1.2 + 1.9	
2.8 + 2.8 + 2.8 + 6.0	14.4	1.78	1.78	1.78	3.81	9.15	2.90 ~ 11.10							