

Panasonic

MULTI SPLIT SYSTEM AIR CONDITIONERS 2014 / 2015



EVERY BUILDING MATTERS

Testing Products to Ensure Reliability & Durability

At Panasonic, we believe that the best air conditioner is one that works quietly and effectively in the background whilst minimising its impact on the environment. People who use our products can look forward to long years of high-quality performance without the need for constant maintenance.

As part of our rigorous design and development process, Panasonic air conditioners undergo a variety of stringent tests to ensure their effectiveness and long-term reliability. Tests for durability, waterproofing, shock resistance, and noise are conducted on component parts or on the finished products themselves.

As a result of all of these painstaking efforts, Panasonic air conditioners meet even the most demanding industrial standards and regulations in every country where they are sold.

Applying advanced technologies that truly make life better, we live by an unparalleled commitment to product quality. Our approach to product development originates in the DNA of Japanese craftsmanship.

Panasonic is building on the Japanese tradition of uncompromising quality control worldwide, developing and manufacturing fine products and delivering them to customers everywhere.

Durability

At Panasonic we know the importance of a long service life with minimal maintenance. That's why we subject our air conditioners to a wide range of stringent durability tests.



Long-Term Durability Test

To ensure durability and stable operation for many years, we conduct a long-term continuous operation test under conditions that are much more severe than actual operating conditions.



Compressor Reliability Test

After the continuous operation test, we remove the compressor from a selected outdoor unit, disassemble it, and examine the internal mechanisms and parts for potential failure. This helps ensure reliable long-term performance under harsh conditions.



A silicone coated circuit board



Waterproof Test

The outdoor unit, which is subject to rain and wind, complies with IPX4 waterproof specifications. Contact sections on printed circuit boards are silicone coated to prevent adverse effects caused by exposure to water (an unlikely occurrence).

Shock Resistance

Impact and vibration tests ensure that the product's quality and performance at the time of final inspection are maintained upon delivery to the end user.



Drop Test

Packaging has been strengthened to help products withstand large impacts caused by improper handling during transportation. Testing includes conventional vertical drops, along with more severe tests in which the sides, edges, or corners hit the ground first. This ensures that the products' rigidity and shock-absorbing materials are strong enough to prevent damage.

Comfort

To keep every person in the room comfortable, Panasonic designs its air conditioners to work quietly in the background, without making their presence known.



Noise Test

The operating noise of the indoor and outdoor units is measured in a high-performance anechoic chamber. These tests verify that operating noise is low enough to allow the user to talk and sleep comfortably whilst the product is operating.

International Standard Quality

To uphold the company's reputation around the world, Panasonic strives continuously to offer the highest quality with the lowest possible environment impact.



The strength of the resin material used in a propeller fan is confirmed by a tension test



Reliable Parts That Meet or Exceed Industrial Standards

In every country where they are sold, Panasonic air conditioners comply with all required industrial standards and regulations. In addition, Panasonic conducts stringent testing to ensure the reliability of parts and materials.



RoHS/REACH Compliant Parts

All Panasonic parts and materials comply with Europe's strict RoHS/REACH environmental regulations. During the development and production of parts, stringent inspections are conducted on over 100 materials to ensure that no hazardous substances are included.



Sophisticated Production Process

Panasonic's air conditioner production lines employ state-of-the-art factory automation technologies to ensure products are manufactured efficiently and with uniformly high levels of quality and reliability.

CLASS LEADING FEATURES

Energy Saving Technology

Panasonic combine Inverter technology and Economy Mode* to create a powerhouse energy-saving product. These clever technologies benefit both the environment and your power bill, so your green intentions don't have to prevent you from living a comfortable life.

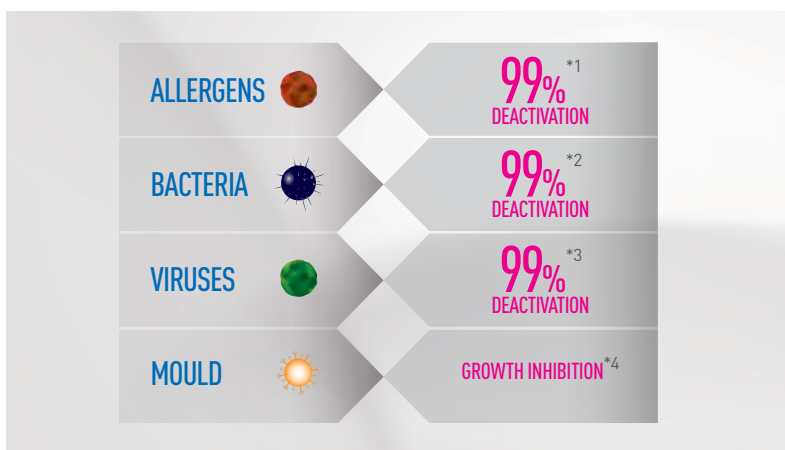
*Wall-mounted type only



Cleaner, Healthier Air

As well as a cool, comfortable home, a Panasonic air conditioner provides the ultimate peace of mind with the Anti Bacterial Filter* to eliminate unwanted contaminants and make the air healthier for you and your family.

*Wall-mounted type only



Quiet Operation

Panasonic systems are amongst the quietest in the world, so you can enjoy the comfort of running your air conditioner at night and still have a relaxing sleep. The outdoor unit is also very quiet which means you don't have to worry about keeping your neighbours up either.



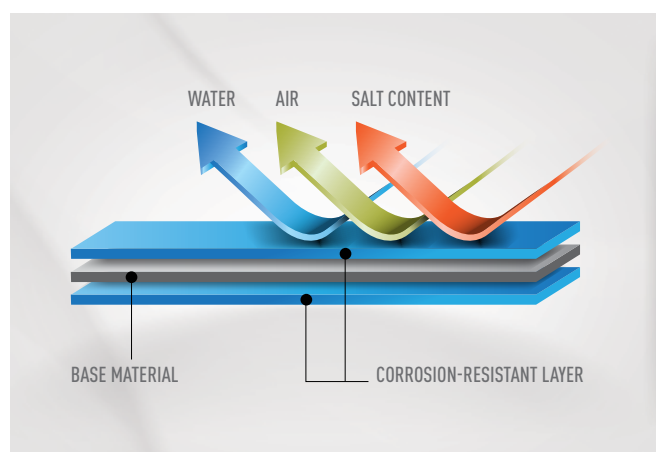
*1 Allergen deactivation was certified by Shinshu University. Allergen: Cider Pollen Allergen Cry j1 *2 Bacteria deactivation was certified by Boken Quality Evaluation Institute. Test Report No: 10042459-1 and 10042459-2 Bacteria: Staphylococcus aureus NBRC 12732; Escherichia coli NBRC 3972 *3 Virus deactivation was certified by Osaka Prefectural Institute of Public Health. Test Report No: 313360397 Virus: Influenza (H3N2) A/Hong Kong *4 Certified by Boken Quality Evaluation Institute. Test Report No: 000366-3 Mould: Aspergillus niger ATCC 6275

Control, comfort & reassurance



Designed For Australian Temperatures

Our air conditioning systems boast an outstanding operating temperature range. Cooling operation is possible even when it is a scorching +46°C outside, which is perfect for Australia's hot summer days and the heating operation is designed to operate even when it's a freezing -15°C outside, so even the coldest parts of Australia are covered.



Built Tough to Last

Panasonic outdoor units are built to last in the harsh Australian environment. Internal components of the outdoor unit are coated with a special blue coating that protects the unit from the damaging effects of salty air, dust, wind and rain. This special coating lets you enjoy more years of reliable comfort plus extra economy over the long run.



You Can Count on Panasonic

Panasonic air conditioners are manufactured to the highest quality standards to ensure years of reliable comfort. We even back our reliability by offering a full 5 year parts and labour warranty.

BULKHEAD DUCTED & MINI CASSETTE



Bulkhead Ducted



- Market Leading Energy Efficiency
- Only 370mm Deep
- -15°C to +46°C Operating Range
- Built-in Drain Pump
- DRED Compatible



Model No	CS-E12QD3RW	CS-E18QD3RW
Capacity	3.4kW	5.0kW

Mini Cassette



- Market Leading Energy Efficiency
- Compact Indoor (260mm height)
- -15°C to +46°C Operating Range
- Built-in Drain Pump
- DRED Compatible



Model No	CS-E12QB4RW	CS-E18QB4RW
Capacity	3.4kW	4.8kW



Specifications

Cooling
Heating

			Bulkhead Ducted		Mini Cassette	
Model	(50Hz)		CS-E12QD3RW (CU-E12QD3R)	CS-E18QD3RW (CU-E18QD3R)	CS-E12QB4RW (CU-E12QB4R)	CS-E18QB4RW (CU-E18QB4R)
Cooling/Heating Capacity	kW		3.40 (0.85~4.00) 4.00 (0.85~5.10)	5.00(0.90~5.70) 6.10 (0.90~7.10)	3.40(0.85~4.00) 4.00(0.85~5.40)	4.80(0.90~5.70) 5.00(0.90~7.10)
	Btu/h		11,600(2,900~13,600) 13,600(2,900~17,400)	17,100 (3,070~19,400) 20,800(3,070~24,200)	11,600(2,900~13,600) 13,600(2,900~18,400)	16,400(3,070~19,400) 17,100(3,070~24,200)
EER/COP	Btu/hW		12.21 11.53	11.10 11.24	13.18 12.95	11.31 11.32
			3.58 3.39	3.25 3.30	3.86 3.81	3.31 3.31
	W/W					
Electrical Data	Voltage	V	240 240	240 240	240 240	240 240
	Running Current	A	4.1 5.1	6.6 7.9	3.9 4.6	6.2 6.5
	Power Input	kW	0.95(0.23~1.18) 1.18(0.22~1.6)	1.54(0.29~1.84) 1.85(0.33~2.20)	0.88(0.22~1.18) 1.05(0.21~1.68)	1.45(0.29~1.93) 1.51(0.33~2.45)
Star Rating			-	-	2.5 2.5	1.5 2.0
Airflow	L/s		131 148	210 225	175 195	195 208
Sound Pressure Level*1 dB (A)	Inside (Hi/Lo/S-Lo)		33/27/24 35/28/25	42/30/27 42/32/29	35/26/23 37/28/25	38/28/25 39/29/26
	Outside (Hi/S-Lo)		49/- 50/-	48/43 49/44	49/- 50/-	48/43 49/44
Sound Power Level dB	Outside (Hi/S-Lo)		64/- 65/-	62/57 63/58	64/- 65/-	62/57 63/58
Dimensions	Height x Width x Depth	mm	235x750x370 (619x824x299)	285x750x370 (795x875x320)	260x575x575 (619x824x299)	260x575x575 (795x875x320)
Net Weight	Indoor (Outdoor)	kg	17(33)	18(52)	18(33)	18(52)
Refrigerant Pipe Diameter	Liquid Side	mm/(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	mm/(inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor
Pipe Length	Min~Max (m)		3~15	3~30	3~15	3~30
Pipe Length for Additional Gas			7.5	10	7.5	10
Additional Gas Amount	g/m		20	20	20	20
Operating Range (Outdoor)	Cooling	Degrees (°C)	5~46	5~46	5~46	5~46
	Heating	Degrees (°C)	-15 ~24	-15 ~24	-15 ~24	-15 ~24

*1 Sound Pressure Level is measured according to JIS C 9612.

*2 Add 68mm for piping port.

*3 Add 65mm for power supply box.



In the Quiet mode during cooling operation with low fan speed (Indoor)

Outdoor

CU-E12QD3R
CU-E12QB4R

CU-E18QD3R
CU-E18QB4R


MULTI SPLIT SYSTEM

Advantages of the Large Capacity Inverter Multi-Split System

Indoor unit	A variety of indoor units		With a single outdoor unit, control up to 5 indoor units. (Maximum)
	Market leading energy efficiency		
	Anti-Bacteria filter (Wall-mounted type only)		
	Precise control of individual room temperatures		
Outdoor unit	Space-saving 58% less space than five single split types.		BIG SPACE SAVINGS
	Single Split Type CU-E9PKR		
			Inverter control The inverter offers energy-saving efficiency, quick comfort, and flexible power control. Our compressor saves more energy while reducing vibration, noise and unit size.

Wall-Mounted



Included Wireless Remote Controller



CZ-RD514C
Wired Remote Controller (Optional)

Model No	CS-MRE7QKR	CS-MRE9QKR	CS-MRE12QKR* ¹
Capacity	2.0kW	2.5kW	3.2kW

Model No	CS-MRE18QKR* ¹	CS-MRE24QKR* ^{2,3}
Capacity	5.0kW	7.0kW

Bulk Head Ducted



Included Wired Remote Controller

Model No	CS-E12QD3RW* ¹	CS-E18QD3RW* ¹
Capacity	3.2kW	5.0kW

Mini Cassette (4-way)



Panel CZ-BT20E



Included Wireless Remote Controller



CZ-RD52CP
Wired Remote Controller (Optional)

Model No	CS-E12QB4RW* ¹	CS-E18QB4RW* ¹
Capacity	3.2kW	5.0kW

Accessories



CZ-MA1P

*¹ CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".



CZ-MA2P

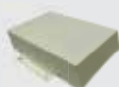
*² CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".



CZ-MA3P

*³ CZ-MA3P is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".


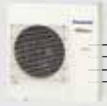

Accessories



CZ-CAP2*⁴

Demand response module CZ-CAP2.

Specifications

	Models	Indoor Units: Must be within capacity range.	Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension					Indoor Unit Combinations			
				Indoor Unit	Liquid Side	Gas Side	Maximum Pipe Length (1 room)	Maximum Pipe Length (Total)	Maximum Chargeless Length	Additional Gas	Maximum Height	Type Capacity [kW class]	Wall- Mounted	Cassette (4-way)	Bulk- head Ducted
Up to 4 rooms	CU-4E23QBR  6.8kW Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 72 kg	PORT A: 2.0 or 2.5 or 3.2 or 5.0 PORT B: 2.0 or 2.5 or 3.2 or 5.0 PORT C: 2.0 or 2.5 or 3.2 or 5.0 PORT D: 2.0 or 2.5 or 3.2 or 5.0 * At least two indoor units must be connected.	4.5 to 11.0 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	60 m	30 m	20 g/m	15 m	2.0	•		
				Room B	ø 6.35	ø 9.52						2.5	•		
				Room C	ø 6.35	ø 9.52						3.2	•	•	•
				Room D	ø 6.35	ø 9.52						5.0	•	•	•
Up to 4 rooms	CU-4E27QBR  8.0kW Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 80 kg	PORT A: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT B: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT C: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT D: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 * At least two indoor units must be connected.	4.5 to 13.6 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	70 m	45 m	20 g/m	15 m	2.0	•		
				Room B	ø 6.35	ø 9.52						2.5	•		
				Room C	ø 6.35	ø 9.52						3.2	•	•	•
				Room D	ø 6.35	ø 9.52						5.0	•	•	•
Up to 5 rooms	CU-5E34QBR  10.0kW Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 81 kg	PORT A: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT B: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT C: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT D: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 PORT E: 2.0 or 2.5 or 3.2 or 5.0 or 7.0 * At least two indoor units must be connected.	4.5 to 17.5 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	80 m	45 m	20 g/m	15 m	2.0	•		
				Room B	ø 6.35	ø 9.52						2.5	•		
				Room C	ø 6.35	ø 9.52						3.2	•	•	•
				Room D	ø 6.35	ø 9.52						5.0	•	•	•
				Room E	ø 6.35	ø 9.52						7.0	•		

Outdoor

Up to 4 rooms

Up to 5 rooms

CU-4E23QBR



CU-4E27QBR



CU-5E34QBR



SPECIFICATIONS

Indoor units

Cooling
Heating

Model			Wall-Mounted				
			CS-MRE7QKR	CS-MRE9QKR	CS-MRE12QKR	CS-MRE18QKR	CS-MRE24QKR
Capacity		kW	2.0	2.5	3.2	5.0	7.0
Power Source			Single Phase 240V, 50Hz				
Noise (Hi/L0/S-Lo)	Sound Pressure Level	dB(A)	40/29/26	40/29/26	44/32/29	46/33/30	47/35/32
			40/29/26	40/29/26	44/32/29	46/35/32	47/38/35
	Sound Power Level	dB	56/45/42	56/45/42	60/48/45	62/49/46	63/51/48
			56/45/42	56/45/42	60/48/45	65/51/48	63/54/51
Airflow		L/s	168/172	168/173	182/190	275/298	307/325
Dimensions	Height	mm	290	290	290	290	290
	Width	mm	870	870	870	1070	1070
	Depth	mm	214	214	214	240	240
Net Weight		kg	9	9	9	12	12
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35	6.35	6.35
	Gas Side	mm	9.52	9.52	9.52*1	9.52*1	12.7*2*3

Cooling
Heating

Model			Bulkhead Ducted		Mini Cassette	
			CS-E12QD3RW	CS-E18QD3RW	CS-E12QB4RW	CS-E18QB4RW
Capacity		kW	3.2	5.0	3.2	5.0
Power Source			Single Phase 240V, 50Hz			
Noise (Hi/L0/S-Lo)	Sound Pressure Level	dB(A)	35/29/26	44/32/29	37/28/25	40/30/27
			37/30/27	44/34/31	39/30/27	41/31/28
Noise (Hi/L0)	Sound Power Level	dB	51/-	60/-	53/-	56/-
			51/-	60/-	53/-	56/-
Airflow		L/s	170/182	242/232	175/180	183/192
Dimensions	Height	mm	235	285	260	260
	Width	mm	750	750	575	575
	Depth	mm	370	370	575	575
Net Weight		kg	17	18	18	18
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35	6.35
	Gas Side	mm	9.52*1	9.52*1	9.52*1	9.52*1

*1 CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".
 *2 CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".
 *3 CZ-MA3P is to be used to reduce the connection size on the indoor unit from 3/8" to 1/2".

Outdoor units

Cooling
Heating

Model (50Hz)			CU-4E23QBR	CU-4E27QBR	CU-5E34QBR
Indoor-units Combination			1.6kW+1.6kW+1.6kW+2.0kW	2.0kW+2.0kW+2.0kW+2.0kW	2.0kW+2.0kW+2.0kW+2.0kW+2.0kW
Power Source			Single Phase 240V, 50Hz		
Cooling Operation	Capacity	kW	6.80(1.90~8.80)	8.00(3.00~9.20)	10.00(2.90~11.50)
Maximum Connectable Capacity			11.0	13.6	17.5
Maximum Connectable Indoors			4	4	5
Electrical Data	Running Current	A	7.5	9.4	13.2
	Power Input	W	1.68(0.34~2.47)	2.15(0.53~2.87)	2.86(0.55~3.86)
	EER	W/W	4.05	3.72	3.50
Noise (Hi/Lo)	Sound Pressure Level	dB(A)	48/-	51/-	53/-
	Sound Power Level	dB	62/-	67/-	69/-
Heating Operation	Capacity	kW	8.50(3.00~10.60)	9.40(4.20~10.60)	12.00(3.40~14.50)
Electrical Data	Running Current	A	8.6	9.8	13.2
	Power Input	W	1.95(0.58~2.60)	2.18(0.70~3.06)	2.96(0.53~4.24)
	COP	W/W	4.36	4.31	4.05
Noise (Hi/Lo)	Sound Pressure Level	dB(A)	49/-	52/-	54/-
	Sound Power Level	dB	63/-	68/-	70/-
Maximum Current			15.6	19.0	21.3
Starting Current			8.8	10.2	13.6
Compressor Output			1300	1700	1700
Dimensions	Height	mm	795	999	999
	Width	mm	875(+95)	940	940
	Depth	mm	320	340	340
Net Weight			72	80	81
Power Supply			Outdoor	Outdoor	Outdoor
Pipe Length Range (1 room)			3~25	3~25	3~25
Maximum Pipe Length (Total) *1			60	70	80
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35
	Gas Side	mm	9.52	9.52	9.52
Operating Range	Cooling	Degrees °C	-10~46	-10~46	-10~46
	Heating	Degrees °C	-15~24*1	-15~24*1	-15~24*1

*1 Additional Gas might be required for some models. Refer to page 9 for information on Additional Gas.

Rating Conditions

	Cooling	Heating
Inside air temperature	27°C DB / 19°C WB	20°C DB
Outside air temperature	35°C DB	7°C DB / 6°C WB

SPECIFICATIONS

CU-4E23QBR

Indoor Units Capacity		COOLING OPERATION							HEATING OPERATION								
		Cooling Capacity					Running Current	Power Input	EER	Heating Capacity					Running Current	Power Input	COP
		Room A	Room B	Room C	Room D	Total				Room A	Room B	Room C	Room D	Total			
		kW	kW	kW	kW	kW				kW	kW	kW	kW	kW			
2 rooms	20+25	2.00	2.50	-	-	4.50(1.9~6.4)	4.9	1100(270~1940)	4.09	2.71	3.39	-	-	6.10(2.7~9.8)	7.1	1610(640~2930)	3.79
	20+32	2.00	3.20	-	-	5.20(1.9~6.9)	6.4	1440(270~2320)	3.61	2.69	4.31	-	-	7.00(2.7~9.9)	8.4	1910(630~2930)	3.66
	20+50	1.94	4.86	-	-	6.80(2.0~7.5)	9.6	2180(280~2350)	3.12	2.43	6.07	-	-	8.50(2.8~10.2)	10.1	2310(560~2890)	3.68
	25+25	2.50	2.50	-	-	5.00(1.9~6.8)	6.0	1360(270~2310)	3.68	3.20	3.20	-	-	6.40(2.7~9.8)	7.6	1710(640~2930)	3.74
	25+32	2.50	3.20	-	-	5.70(1.9~6.9)	7.6	1720(270~2320)	3.31	3.55	4.55	-	-	8.10(2.7~9.9)	10.1	2310(630~2930)	3.51
	25+50	2.27	4.53	-	-	6.80(1.9~7.5)	9.6	2180(260~2350)	3.12	2.83	5.67	-	-	8.50(2.8~10.2)	10.1	2310(560~2890)	3.68
	32+32	3.20	3.20	-	-	6.40(1.9~7.0)	9.5	2170(270~2280)	2.95	4.25	4.25	-	-	8.50(2.8~10.0)	10.8	2460(640~2930)	3.46
	32+50	2.65	4.15	-	-	6.80(2.0~7.6)	9.2	2090(280~2360)	3.25	3.32	5.18	-	-	8.50(2.8~10.3)	9.9	2250(540~2880)	3.78
3 rooms	50+50	3.40	3.40	-	-	6.80(2.1~8.1)	8.2	1860(320~2370)	3.66	4.25	4.25	-	-	8.50(2.8~10.5)	9.3	2110(510~2780)	4.03
	20+20+20	2.00	2.00	2.00	-	6.00(1.9~8.0)	6.7	1510(270~2410)	3.97	2.83	2.83	2.83	-	8.49(3.3~10.4)	9.5	2160(630~2830)	3.93
	20+20+25	2.00	2.00	2.50	-	6.50(1.9~8.0)	7.8	1770(270~2410)	3.67	2.62	2.62	3.26	-	8.50(3.3~10.4)	9.5	2160(630~2830)	3.94
	20+20+32	1.89	1.89	3.02	-	6.80(1.9~8.0)	8.4	1910(270~2320)	3.56	2.36	2.36	3.78	-	8.50(3.3~10.4)	9.4	2140(620~2770)	3.97
	20+20+50	1.51	1.51	3.78	-	6.80(2.0~8.5)	7.6	1720(340~2380)	3.95	1.89	1.89	4.72	-	8.50(3.2~10.6)	8.7	1990(600~2700)	4.27
	20+25+25	1.94	2.43	2.43	-	6.80(1.9~8.0)	8.4	1910(270~2410)	3.56	2.42	3.04	3.04	-	8.50(3.3~10.4)	9.5	2160(630~2830)	3.94
	20+25+32	1.76	2.21	2.83	-	6.80(1.9~8.0)	8.4	1910(270~2320)	3.56	2.21	2.76	3.53	-	8.50(3.3~10.4)	9.4	2140(620~2770)	3.97
	20+25+50	1.43	1.79	3.58	-	6.80(2.0~8.5)	7.6	1720(340~2380)	3.95	1.79	2.24	4.47	-	8.50(3.2~10.6)	8.7	1990(600~2700)	4.27
	20+32+32	1.62	2.59	2.59	-	6.80(1.9~8.1)	8.2	1860(290~2330)	3.66	2.02	3.24	3.24	-	8.50(3.3~10.5)	9.3	2110(640~2790)	4.03
	20+32+50	1.33	2.13	3.34	-	6.80(2.0~8.5)	7.6	1720(340~2330)	3.95	1.66	2.67	4.17	-	8.50(3.2~10.6)	8.6	1970(600~2670)	4.31
	25+25+25	2.26	2.26	2.26	-	6.78(1.9~8.0)	8.4	1910(270~2410)	3.55	2.83	2.83	2.83	-	8.49(3.3~10.4)	9.5	2160(630~2830)	3.93
	25+25+32	2.07	2.07	2.66	-	6.80(1.9~8.0)	8.4	1910(270~2320)	3.56	2.59	2.59	3.32	-	8.50(3.3~10.4)	9.4	2140(620~2770)	3.97
	25+25+50	1.70	1.70	3.40	-	6.80(2.0~8.5)	7.6	1720(340~2380)	3.95	2.13	2.13	4.24	-	8.50(3.2~10.6)	8.7	1990(600~2700)	4.27
	25+32+32	1.92	2.44	2.44	-	6.80(1.9~8.1)	8.2	1860(290~2330)	3.66	2.38	3.06	3.06	-	8.50(3.3~10.5)	9.3	2110(640~2790)	4.03
	25+32+50	1.59	2.03	3.18	-	6.80(2.0~8.5)	7.6	1720(340~2330)	3.95	1.99	2.54	3.97	-	8.50(3.2~10.6)	8.6	1970(600~2670)	4.31
	32+32+32	2.26	2.26	2.26	-	6.78(1.9~8.2)	7.9	1810(290~2330)	3.75	2.83	2.83	2.83	-	8.49(3.3~10.5)	9.0	2050(630~2760)	4.14
4 rooms	20+20+20+20	1.70	1.70	1.70	1.70	6.80(1.9~8.8)	7.5	1680(340~2380)	4.05	2.12	2.12	2.12	2.12	8.48(3.1~10.6)	8.5	1930(600~2570)	4.39
	20+20+20+25	1.60	1.60	1.60	2.00	6.80(1.9~8.8)	7.5	1680(340~2380)	4.05	2.00	2.00	2.00	2.50	8.50(3.1~10.6)	8.5	1930(600~2570)	4.40
	20+20+20+32	1.48	1.48	1.48	2.36	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.85	1.85	1.85	2.95	8.50(3.0~10.6)	8.4	1910(610~2550)	4.45
	20+20+20+50	1.24	1.24	1.24	3.08	6.80(1.9~8.8)	7.3	1640(420~2200)	4.15	1.55	1.55	1.55	3.85	8.50(3.0~10.6)	8.2	1860(680~2440)	4.57
	20+20+25+25	1.51	1.51	1.89	1.89	6.80(1.9~8.8)	7.5	1680(340~2380)	4.05	1.89	1.89	2.36	2.36	8.50(3.1~10.6)	8.5	1930(600~2570)	4.40
	20+20+25+32	1.40	1.40	1.75	2.25	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.75	1.75	2.19	2.81	8.50(3.0~10.6)	8.4	1910(610~2550)	4.45
	20+20+32+32	1.31	1.31	2.09	2.09	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.63	1.63	2.62	2.62	8.50(3.0~10.6)	8.3	1890(610~2530)	4.50
	20+25+25+25	1.43	1.79	1.79	1.79	6.80(1.9~8.8)	7.5	1680(340~2380)	4.05	1.78	2.24	2.24	2.24	8.50(3.1~10.6)	8.5	1930(600~2570)	4.40
	20+25+25+32	1.33	1.67	1.67	2.13	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.67	2.08	2.08	2.67	8.50(3.0~10.6)	8.4	1910(610~2550)	4.45
	20+25+32+32	1.24	1.56	2.00	2.00	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.55	1.95	2.50	2.50	8.50(3.0~10.6)	8.3	1890(610~2530)	4.50
	25+25+25+25	1.70	1.70	1.70	1.70	6.80(1.9~8.8)	7.5	1680(340~2380)	4.05	2.12	2.12	2.12	2.12	8.48(3.1~10.6)	8.5	1930(600~2570)	4.39
	25+25+25+32	1.59	1.59	1.59	2.03	6.80(1.9~8.8)	7.3	1640(370~2330)	4.15	1.99	1.99	1.99	2.53	8.50(3.0~10.6)	8.4	1910(610~2550)	4.45

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Indoor Units Capacity		COOLING OPERATION								HEATING OPERATION								
		Cooling Capacity					Running Current	Power Input	EER	Heating Capacity					Running Current	Power Input	COP	
		Room A	Room B	Room C	Room D	Total				Room A	Room B	Room C	Room D	Total				
		kW	kW	kW	kW	kW				A	W	W/W	kW	kW				kW
2 rooms	20+25	2.00	2.50	-	-	4.50(2.4~5.8)	5.8	1320(380~1930)	3.41	2.71	3.39	-	-	6.10 [2.2~8.2]	8.5	1890(400~2890)	3.23	
	20+32	2.00	3.20	-	-	5.20(2.4~5.8)	6.8	1540(370~1860)	3.38	2.65	4.25	-	-	6.90 [2.2~8.6]	9.1	2030(380~2920)	3.40	
	20+50	2.00	5.00	-	-	7.00(2.4~8.1)	9.8	2250(350~3100)	3.11	2.57	6.43	-	-	9.00 [2.2~10.0]	10.9	2430(330~3310)	3.70	
	20+70	1.78	6.22	-	-	8.00(2.5~8.5)	12.1	2770(380~3340)	2.89	2.09	7.31	-	-	9.40 [2.2~10.3]	11.5	2570(330~3490)	3.66	
	25+25	2.50	2.50	-	-	5.00(2.4~5.8)	6.6	1490(380~1930)	3.36	3.25	3.25	-	-	6.50 [2.2~8.6]	8.5	1910(400~3000)	3.40	
	25+32	2.50	3.20	-	-	5.70(2.4~6.7)	8.0	1840(370~2480)	3.10	3.20	4.10	-	-	7.30 [2.2~9.8]	9.8	2180(380~3520)	3.35	
	25+50	2.50	5.00	-	-	7.50(2.4~8.5)	11.3	2590(350~3490)	2.90	3.13	6.27	-	-	9.40 [2.2~10.0]	11.8	2630(330~3310)	3.57	
	25+70	2.11	5.89	-	-	8.00(2.5~8.5)	12.1	2770(380~3340)	2.89	2.47	6.93	-	-	9.40 [2.2~10.3]	11.5	2570(330~3490)	3.66	
	32+32	3.20	3.20	-	-	6.40(2.4~7.2)	9.7	2220(370~2760)	2.88	4.05	4.05	-	-	8.10 [2.2~10.0]	11.0	2460(370~3560)	3.29	
	32+50	3.12	4.88	-	-	8.00(2.5~8.5)	12.1	2770(380~3340)	2.89	3.67	5.73	-	-	9.40 [2.2~10.0]	11.4	2550(320~3280)	3.69	
	32+70	2.51	5.49	-	-	8.00(2.5~8.6)	11.8	2700(380~3340)	2.96	2.95	6.45	-	-	9.40 [2.2~10.3]	11.3	2530(320~3380)	3.72	
50+50	4.00	4.00	-	-	8.00(2.5~8.6)	10.5	2420(380~2950)	3.31	4.70	4.70	-	-	9.40 [2.2~10.3]	10.6	2360(320~3170)	3.98		
50+70	3.33	4.67	-	-	8.00(2.5~8.6)	10.2	2350(380~2880)	3.40	3.92	5.48	-	-	9.40 [2.2~10.5]	10.5	2340(320~3210)	4.02		
3 rooms	20+20+20	2.00	2.00	2.00	-	6.00(3.0~8.5)	7.2	1630(480~3030)	3.68	2.87	2.87	2.87	-	8.61 (3.2~10.4)	9.5	2130(500~3320)	4.04	
	20+20+25	2.00	2.00	2.50	-	6.50(3.0~8.5)	8.1	1870(480~3030)	3.48	2.77	2.77	3.46	-	9.00 (3.2~10.4)	10.2	2270(500~3320)	3.96	
	20+20+32	2.00	2.00	3.20	-	7.20(3.0~8.5)	9.2	2110(480~2950)	3.41	2.61	2.61	4.18	-	9.40 (3.2~10.4)	10.7	2400(500~3280)	3.92	
	20+20+50	1.78	1.78	4.44	-	8.00(3.0~8.6)	9.7	2220(520~2650)	3.60	2.09	2.09	5.22	-	9.40 (3.2~10.5)	10.2	2270(520~3110)	4.14	
	20+20+70	1.45	1.45	5.10	-	8.00(3.0~8.8)	9.7	2220(520~2720)	3.60	1.71	1.71	5.98	-	9.40 (3.2~10.5)	10.1	2250(520~3090)	4.18	
	20+25+25	2.00	2.50	2.50	-	7.00(3.0~8.5)	8.9	2050(480~3030)	3.41	2.68	3.36	3.36	-	9.40 (3.2~10.4)	10.9	2430(500~3320)	3.87	
	20+25+32	2.00	2.50	3.20	-	7.70(3.0~8.5)	10.0	2290(480~2950)	3.36	2.44	3.05	3.91	-	9.40 (3.2~10.4)	10.7	2400(500~3280)	3.92	
	20+25+50	1.68	2.11	4.21	-	8.00(3.0~8.6)	9.7	2220(520~2650)	3.60	1.98	2.47	4.95	-	9.40 (3.2~10.5)	10.2	2270(520~3110)	4.14	
	20+25+70	1.39	1.74	4.87	-	8.00(3.0~8.8)	9.7	2220(520~2720)	3.60	1.63	2.04	5.73	-	9.40 (3.2~10.6)	10.1	2250(520~3150)	4.18	
	20+32+32	1.90	3.05	3.05	-	8.00 (3.0~8.6)	10.5	2420(480~2950)	3.31	2.24	3.58	3.58	-	9.40 (3.2~10.4)	10.6	2370(490~3240)	3.97	
	20+32+50	1.57	2.51	3.92	-	8.00(3.0~8.8)	9.7	2220(520~2800)	3.60	1.84	2.95	4.61	-	9.40 (3.2~10.5)	10.0	2240(520~3070)	4.20	
	20+32+70	1.31	2.10	4.59	-	8.00(3.0~9.0)	9.4	2150(520~2800)	3.72	1.54	2.47	5.39	-	9.40 (3.2~10.6)	10.0	2230(530~3120)	4.22	
	20+50+50	1.34	3.33	3.33	-	8.00(3.0~9.0)	9.1	2090(570~2650)	3.83	1.56	3.92	3.92	-	9.40 (3.2~10.6)	9.6	2140(600~2990)	4.39	
	25+25+25	2.50	2.50	2.50	-	7.50(3.0~8.5)	10.1	2310(480~3030)	3.25	3.13	3.13	3.13	-	9.39 (3.2~10.4)	10.9	2430(500~3320)	3.86	
	25+25+32	2.44	2.44	3.12	-	8.00(3.0~8.6)	10.8	2490(480~3030)	3.21	2.87	2.87	3.66	-	9.40 (3.2~10.4)	10.7	2400(500~3280)	3.92	
	25+25+50	2.00	2.00	4.00	-	8.00(3.0~8.8)	9.7	2220(520~2800)	3.60	2.35	2.35	4.70	-	9.40 (3.2~10.5)	10.2	2270(520~3110)	4.14	
	25+25+70	1.67	1.67	4.66	-	8.00(3.0~9.0)	9.7	2220(520~2870)	3.60	1.96	1.96	5.48	-	9.40 (3.2~10.6)	10.1	2250(520~3150)	4.18	
	25+32+32	2.24	2.88	2.88	-	8.00(3.0~8.6)	10.5	2420(480~2950)	3.31	2.64	3.38	3.38	-	9.40 (3.2~10.5)	10.6	2370(490~3240)	3.97	
	25+32+50	1.87	2.39	3.74	-	8.00(3.0~8.8)	9.7	2220(520~2800)	3.60	2.20	2.81	4.39	-	9.40 (3.2~10.5)	10.0	2240(520~3070)	4.20	
	25+32+70	1.57	2.02	4.41	-	8.00(3.0~9.0)	9.4	2150(520~2800)	3.72	1.85	2.37	5.18	-	9.40 (3.2~10.6)	10.0	2230(530~3120)	4.22	
	25+50+50	1.60	3.20	3.20	-	8.00(3.0~9.0)	9.1	2090(570~2650)	3.83	1.88	3.76	3.76	-	9.40 (3.2~10.6)	9.6	2140(600~2990)	4.39	
	32+32+32	2.66	2.66	2.66	-	7.98(3.0~8.6)	10.2	2350(480~2880)	3.40	3.13	3.13	3.13	-	9.39 (3.2~10.5)	10.5	2340(490~3200)	4.01	
32+32+50	2.25	2.25	3.50	-	8.00(3.0~8.8)	9.4	2150(520~2720)	3.72	2.64	2.64	4.12	-	9.40 (3.2~10.6)	9.9	2210(530~3100)	4.25		
32+32+70	1.91	1.91	4.18	-	8.00(3.0~9.0)	9.4	2150(520~2800)	3.72	2.24	2.24	4.92	-	9.40 (3.2~10.6)	9.8	2200(530~3090)	4.27		
32+50+50	1.94	3.03	3.03	-	8.00(3.0~9.0)	9.1	2090(570~2650)	3.83	2.28	3.56	3.56	-	9.40 (3.2~10.6)	9.5	2120(620~2960)	4.43		
4 rooms	20+20+20+20	2.00	2.00	2.00	2.00	8.00(3.0~9.2)	9.4	2150(530~2870)	3.72	2.35	2.35	2.35	2.35	9.40(4.2~10.6)	9.8	2180(700~3060)	4.31	
	20+20+20+25	1.88	1.88	1.88	2.36	8.00(3.0~9.2)	9.4	2150(530~2870)	3.72	2.21	2.21	2.21	2.77	9.40(4.2~10.6)	9.8	2180(700~3060)	4.31	
	20+20+20+32	1.74	1.74	1.74	2.78	8.00(3.0~9.2)	9.1	2090(570~2800)	3.83	2.04	2.04	2.04	3.28	9.40(4.2~10.6)	9.7	2160(730~3030)	4.35	
	20+20+20+50	1.45	1.45	1.45	3.65	8.00(3.0~9.2)	8.8	2030(620~2650)	3.94	1.71	1.71	1.71	4.27	9.40(4.2~10.6)	9.5	2130(810~2960)	4.41	
	20+20+20+70	1.23	1.23	1.23	4.31	8.00(3.0~9.2)	8.8	2030(630~2660)	3.94	1.45	1.45	1.45	5.05	9.40(4.2~10.6)	9.5	2120(820~2950)	4.43	
	20+20+25+25	1.78	1.78	2.22	2.22	8.00(3.0~9.2)	9.4	2150(530~2870)	3.72	2.09	2.09	2.61	2.61	9.40(4.2~10.6)	9.8	2180(700~3060)	4.31	
	20+20+25+32	1.65	1.65	2.06	2.64	8.00(3.0~9.2)	9.1	2090(570~2800)	3.83	1.94	1.94	2.42	3.10	9.40(4.2~10.6)	9.7	2160(730~3030)	4.35	
	20+20+25+50	1.39	1.39	1.74	3.48	8.00(3.0~9.2)	8.8	2030(620~2650)	3.94	1.63	1.63	2.04	4.10	9.40(4.2~10.6)	9.5	2130(810~2960)	4.41	
	20+20+25+70	1.19	1.19	1.47	4.15	8.00(3.0~9.2)	8.8	2030(630~2660)	3.94	1.39	1.39	1.74	4.88	9.40(4.2~10.6)	9.5	2120(820~2950)	4.43	
	20+20+32+32	1.54	1.54	2.46	2.46	8.00(3.0~9.2)	9.1	2090(570~2800)	3.83	1.81	1.81	2.89	2.89	9.40(4.2~10.6)	9.6	2140(740~3000)	4.39	
	20+20+32+50	1.31	1.31	2.10	3.28	8.00(3.0~9.2)	8.8	2030(630~2660)	3.94	1.54	1.54	2.47	3.85	9.40(4.2~10.6)	9.4	2110(830~2940)	4.45	
	20+25+25+25	1.67	2.11	2.11	2.11	8.00(3.0~9.2)	9.4	2150(530~2870)	3.72	1.99	2.47	2.47	2.47	9.40(4.2~10.6)	9.8	2180(700~3060)	4.31	
	20+25+25+32	1.57	1.96	1.96	2.51	8.00(3.0~9.2)	9.1	2090(570~2800)	3.83	1.84	2.30	2.30	2.96	9.40(4.2~10.6)	9.7	2160(730~3030)	4.35	
	20+25+25+50	1.33	1.67	1.67	3.33	8.00(3.0~9.2)	8.8	2030(620~2650)	3.94	1.56	1.96	1.96	3.92	9.40(4.2~10.6)	9.5	2130(810~2960)	4.41	
	20+25+32+32	1.47	1.83	2.35	2.35	8.00(3.0~9.2)	9.1	2090(570~2800)	3.83	1.72	2.16	2.76	2.76	9.40(4.2~10.6)	9.6	2140(740~3000)	4.39	
	20+25+32+50	1.26	1.57	2.02	3.15	8.00(3.0~9.2)	8.8	2030(630~2660)	3.94	1.48	1.85	2.37</						

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Indoor Units Capacity		COOLING OPERATION									HEATING OPERATION								
		Cooling Capacity					Running Current	Power Input	EER	Heating Capacity					Running Current	Power Input	COP		
		Room A	Room B	Room C	Room D	Room E				Total	Room A	Room B	Room C	Room D				Room E	Total
		kW	kW	kW	kW	kW				kW	kW	kW	kW	kW				kW	kW
2 rooms	20+25	2.00	2.50	-	-	-	4.50(2.4~5.8)	5.8	1240(300~1860)	3.63	2.71	3.39	-	-	-	6.10(2.0~8.2)	8.6	1940(250~2760)	3.14
	20+32	2.00	3.20	-	-	-	5.20(2.4~5.8)	6.8	1460(300~1800)	3.56	2.65	4.25	-	-	-	6.90(2.0~8.6)	9.6	2160(240~2800)	3.19
	20+50	2.00	5.00	-	-	-	7.00(2.4~8.1)	9.9	2160(280~2890)	3.24	2.57	6.43	-	-	-	9.00(2.0~11.0)	12.0	2700(190~3440)	3.33
	20+70	2.00	7.00	-	-	-	9.00(2.5~10.0)	15.9	3460(310~4460)	2.60	2.38	8.32	-	-	-	10.70(2.0~13.0)	14.7	3300(190~4410)	3.24
	25+25	2.50	2.50	-	-	-	5.00(2.4~5.8)	6.6	1410(300~1860)	3.55	3.25	3.25	-	-	-	6.50(2.0~8.6)	9.0	2030(250~2880)	3.20
	25+32	2.50	3.20	-	-	-	5.70(2.4~6.7)	8.1	1740(300~2360)	3.28	3.20	4.10	-	-	-	7.30(2.0~10.1)	10.3	2320(240~3490)	3.15
	25+50	2.50	5.00	-	-	-	7.50(2.4~8.6)	11.5	2490(280~3330)	3.01	3.13	6.27	-	-	-	9.40(2.0~11.0)	13.0	2930(190~3440)	3.21
	25+70	2.50	7.00	-	-	-	9.50(2.5~10.1)	17.8	3880(310~4620)	2.45	2.92	8.18	-	-	-	11.10(2.0~13.0)	15.0	3370(190~4410)	3.29
	32+32	3.20	3.20	-	-	-	6.40(2.4~7.2)	9.7	2100(290~2620)	3.05	4.05	4.05	-	-	-	8.10(2.0~11.0)	11.6	2620(230~3710)	3.09
	32+50	3.20	5.00	-	-	-	8.20(2.5~9.1)	13.3	2890(310~3490)	2.84	3.98	6.22	-	-	-	10.20(2.0~11.9)	13.8	3100(180~3750)	3.29
	32+70	3.14	6.86	-	-	-	10.00(2.5~10.4)	19.4	4220(310~4800)	2.37	3.76	8.24	-	-	-	12.00(2.0~13.8)	16.1	3630(180~4780)	3.31
	50+50	5.00	5.00	-	-	-	10.00(2.5~10.4)	16.6	3610(300~4000)	2.77	6.00	6.00	-	-	-	12.00(2.0~13.8)	15.0	3370(200~4500)	3.56
	50+70	4.17	5.83	-	-	-	10.00(2.5~10.4)	16.0	3470(300~3850)	2.88	5.00	7.00	-	-	-	12.00(2.0~13.8)	14.9	3360(200~4480)	3.57
	70+70	5.00	5.00	-	-	-	10.00(2.5~10.4)	15.3	3320(330~3690)	3.01	6.00	6.00	-	-	-	12.00(2.0~13.8)	14.8	3340(200~4460)	3.59
3 rooms	20+20+20	2.00	2.00	2.00	-	-	6.00(2.9~8.5)	7.2	1540(360~2820)	3.90	2.87	2.87	2.87	-	-	8.61(2.7~12.3)	10.5	2370(270~3860)	3.63
	20+20+25	2.00	2.00	2.50	-	-	6.50(2.9~8.5)	8.2	1780(360~2820)	3.65	2.77	2.77	3.46	-	-	9.00(2.7~12.3)	11.2	2530(270~3860)	3.56
	20+20+32	2.00	2.00	3.20	-	-	7.20(2.9~8.5)	9.3	2030(390~2750)	3.55	2.72	2.72	4.36	-	-	9.80(2.7~12.3)	12.6	2840(270~3760)	3.45
	20+20+50	2.00	2.00	5.00	-	-	9.00(2.9~9.6)	12.3	2670(390~2900)	3.37	2.64	2.64	6.62	-	-	11.90(2.7~13.6)	14.2	3200(290~4170)	3.72
	20+20+70	1.82	1.82	6.36	-	-	10.00(2.9~10.7)	14.3	3110(390~3620)	3.22	2.18	2.18	7.64	-	-	12.00(2.7~13.8)	14.2	3190(290~4290)	3.76
	20+25+25	2.00	2.50	2.50	-	-	7.00(2.9~8.5)	9.1	1970(360~2820)	3.55	2.68	3.36	3.36	-	-	9.40(2.7~12.3)	12.0	2700(270~3860)	3.48
	20+25+32	2.00	2.50	3.20	-	-	7.70(2.9~8.5)	10.2	2220(390~2750)	3.47	2.65	3.31	4.24	-	-	10.20(2.7~12.9)	13.0	2920(270~4080)	3.49
	20+25+50	2.00	2.50	5.00	-	-	9.50(2.9~10.1)	13.4	2920(390~3250)	3.25	2.52	3.16	6.32	-	-	12.00(2.7~13.6)	14.5	3260(290~4170)	3.68
	20+25+70	1.74	2.17	6.09	-	-	10.00(2.9~10.7)	14.3	3110(390~3620)	3.22	2.09	2.61	7.30	-	-	12.00(2.7~13.8)	14.2	3190(290~4290)	3.76
	20+32+32	2.00	3.20	3.20	-	-	8.40(2.9~8.7)	12.0	2610(390~2740)	3.22	2.62	4.19	4.19	-	-	11.00(2.7~12.9)	13.5	3030(280~4050)	3.63
	20+32+50	1.96	3.14	4.90	-	-	10.00(2.9~10.7)	14.3	3110(390~3700)	3.22	2.35	3.76	5.89	-	-	12.00(2.7~13.6)	14.1	3170(310~4130)	3.79
	20+32+70	1.64	2.62	5.74	-	-	10.00(2.9~10.7)	14.0	3040(420~3540)	3.29	1.96	3.15	6.89	-	-	12.00(2.7~13.8)	14.0	3150(310~4250)	3.81
	20+50+50	1.66	4.17	4.17	-	-	10.00(2.9~10.7)	13.0	2830(430~3250)	3.53	2.00	5.00	5.00	-	-	12.00(2.7~13.8)	13.5	3030(350~4020)	3.96
	20+50+70	1.43	3.57	5.00	-	-	10.00(2.9~10.7)	12.7	2760(460~3180)	3.62	1.71	4.29	6.00	-	-	12.00(2.7~14.1)	13.4	3010(370~4200)	3.99
	20+70+70	1.24	4.38	4.38	-	-	10.00(2.9~10.7)	12.4	2690(460~3110)	3.72	1.50	5.25	5.25	-	-	12.00(2.7~14.4)	13.6	3050(380~4310)	3.93
	25+25+25	2.50	2.50	2.50	-	-	7.50(2.9~8.5)	10.2	2220(360~2820)	3.38	3.23	3.23	3.23	-	-	9.60(2.7~12.3)	12.8	2870(270~3860)	3.38
	25+25+32	2.50	2.50	3.20	-	-	8.20(2.9~8.7)	11.7	2550(390~2810)	3.22	3.20	3.20	4.10	-	-	10.50(2.7~12.9)	13.3	3000(270~4080)	3.50
	25+25+50	2.50	2.50	5.00	-	-	10.00(2.9~10.7)	14.6	3180(390~3770)	3.14	3.00	3.00	6.00	-	-	12.00(2.7~13.6)	14.5	3260(290~4170)	3.68
	25+25+70	2.08	2.08	5.84	-	-	10.00(2.9~10.7)	14.3	3110(390~3620)	3.22	2.50	2.50	7.00	-	-	12.00(2.7~13.8)	14.2	3190(290~4290)	3.76
	25+32+32	2.50	3.20	3.20	-	-	8.90(2.9~9.6)	13.2	2880(390~3250)	3.09	3.18	4.06	4.06	-	-	11.30(2.7~13.6)	13.8	3100(280~4450)	3.65
	25+32+50	2.34	2.99	4.67	-	-	10.00(2.9~10.7)	14.3	3110(390~3700)	3.22	2.80	3.59	5.61	-	-	12.00(2.7~13.8)	14.1	3170(310~4270)	3.79
	25+32+70	1.97	2.52	5.51	-	-	10.00(2.9~10.7)	14.0	3040(420~3540)	3.29	2.36	3.02	6.62	-	-	12.00(2.7~14.1)	14.0	3150(310~4380)	3.81
	25+50+50	2.00	4.00	4.00	-	-	10.00(2.9~10.7)	13.0	2830(430~3250)	3.53	2.40	4.80	4.80	-	-	12.00(2.7~13.8)	13.5	3030(350~4020)	3.96
	25+50+70	1.72	3.45	4.83	-	-	10.00(2.9~10.7)	12.7	2760(460~3180)	3.62	2.07	4.14	5.79	-	-	12.00(2.7~14.1)	13.4	3010(370~4200)	3.99
	25+70+70	1.52	4.24	4.24	-	-	10.00(2.9~10.7)	12.4	2690(460~3110)	3.72	1.82	5.09	5.09	-	-	12.00(2.7~14.4)	13.6	3050(380~4310)	3.93
	32+32+32	3.20	3.20	3.20	-	-	9.60(2.9~10.1)	14.3	3110(390~3540)	3.09	4.00	4.00	4.00	-	-	12.00(2.7~13.6)	14.9	3350(280~4340)	3.58
32+32+50	2.81	2.81	4.38	-	-	10.00(2.9~10.7)	14.0	3040(390~3540)	3.29	3.37	3.37	5.26	-	-	12.00(2.7~13.8)	14.0	3140(310~4230)	3.82	
32+32+70	2.39	2.39	5.22	-	-	10.00(2.9~10.7)	13.7	2970(420~3470)	3.37	2.87	2.87	6.26	-	-	12.00(2.7~14.1)	13.9	3120(320~4340)	3.85	
32+50+50	2.42	3.79	3.79	-	-	10.00(2.9~10.7)	12.7	2760(460~3180)	3.62	2.90	4.55	4.55	-	-	12.00(2.7~14.1)	13.6	3050(380~4180)	3.93	
32+50+70	2.10	3.29	4.61	-	-	10.00(2.9~10.7)	12.4	2690(460~3110)	3.72	2.52	3.95	5.53	-	-	12.00(2.7~14.4)	13.5	3040(380~4290)	3.95	
32+70+70	1.86	4.07	4.07	-	-	10.00(2.9~10.7)	12.4	2700(470~3110)	3.70	2.24	4.88	4.88	-	-	12.00(2.7~14.4)	13.4	3020(390~4270)	3.97	
50+50+50	3.33	3.33	3.33	-	-	9.99(2.9~10.7)	11.8	2570(510~2970)	3.89	4.00	4.00	4.00	-	-	12.00(2.7~14.4)	13.2	2980(460~4200)	4.03	
50+50+70	2.94	2.94	4.12	-	-	10.00(2.9~10.7)	11.8	2570(510~2970)	3.89	3.53	3.53	4.94	-	-	12.00(2.7~14.4)	13.2	2970(480~4190)	4.04	
4 rooms	20+20+20+20	2.00	2.00	2.00	2.00	-	8.00(2.9~10.6)	10.0	2180(420~3770)	3.67	2.88	2.88	2.88	2.88	-	11.52(3.4~14.2)	13.0	2930(390~4380)	3.93
	20+20+20+25	2.00	2.00	2.00	2.50	-	8.50(2.9~10.6)	10.9	2380(420~3770)	3.57	2.80	2.80	2.80	3.50	-	11.90(3.4~14.2)	13.8	3100(390~4380)	3.84
	20+20+20+32	2.00	2.00	2.00	3.20	-	9.20(2.9~10.6)	12.3	2670(420~3680)	3.45	2.61	2.61	2.61	4.17	-	12.00(3.4~14.2)	13.6	3060(400~4340)	3.92
	20+20+20+50	1.82	1.82	1.82	4.54	-	10.00(2.9~10.6)	13.5	2930(470~3360)	3.41	2.18	2.18	2.18	5.46	-	12.00(3.4~14.2)	13.3	2990(480~4160)	4.01
	20+20+20+70	1.54	1.54	1.54	5.38	-	10.00(2.9~10.8)	13.5	2930(500~3450)	3.41	1.85	1.85	1.85						

Indoor Units Capacity		COOLING OPERATION									HEATING OPERATION									
		Cooling Capacity						Running Current	Power Input	EER	Heating Capacity						Running Current	Power Input	COP	
		Room A	Room B	Room C	Room D	Room E	Total				Room A	Room B	Room C	Room D	Room E	Total				
		kW	kW	kW	kW	kW	kW				kW	kW	kW	kW	kW	kW				
4 rooms	25+25+32+32	2.19	2.19	2.81	2.81	—	10.00(2.9~10.6)	14.1	3070(430~3600)	3.26	2.63	2.63	3.37	3.37	—	12.00(3.4~14.2)	13.5	3030(420~4230)	3.96	
	25+25+32+50	1.89	1.89	2.42	3.80	—	10.00(2.9~10.8)	13.5	2930(500~3440)	3.41	2.27	2.27	2.91	4.55	—	12.00(3.4~14.4)	13.2	2960(490~4190)	4.05	
	25+25+32+70	1.64	1.64	2.11	4.61	—	10.00(2.9~11.0)	13.2	2860(510~3530)	3.50	1.97	1.97	2.53	5.53	—	12.00(3.4~14.4)	13.1	2950(500~4170)	4.07	
	25+25+50+50	1.67	1.67	3.33	3.33	—	10.00(2.9~11.0)	12.9	2800(560~3460)	3.57	2.00	2.00	4.00	4.00	—	12.00(3.4~14.4)	13.2	2970(590~4160)	4.04	
	25+25+50+70	1.47	1.47	2.94	4.12	—	10.00(2.9~11.2)	12.9	2800(560~3540)	3.57	1.76	1.76	3.53	4.95	—	12.00(3.4~14.4)	13.2	2960(600~4140)	4.05	
	25+32+32+32	2.08	2.64	2.64	2.64	—	10.00(2.9~10.8)	14.1	3070(460~3680)	3.26	2.49	3.17	3.17	3.17	—	12.00(3.4~14.2)	13.4	3010(430~4190)	3.99	
	25+32+32+50	1.80	2.30	2.30	3.60	—	10.00(2.9~10.8)	13.2	2860(510~3450)	3.50	2.16	2.76	2.76	4.32	—	12.00(3.4~14.4)	13.1	2940(510~4220)	4.08	
	25+32+32+70	1.57	2.01	2.01	4.41	—	10.00(2.9~11.2)	13.2	2860(510~3690)	3.50	1.88	2.42	2.42	5.28	—	12.00(3.4~14.4)	13.2	2980(520~4200)	4.03	
	25+32+50+50	1.59	2.05	3.18	3.18	—	10.00(2.9~11.0)	12.9	2800(560~3380)	3.57	1.91	2.45	3.82	3.82	—	12.00(3.4~14.4)	13.1	2950(620~4130)	4.07	
	25+50+50+50	1.42	2.86	2.86	2.86	—	10.00(2.9~11.2)	12.7	2750(660~3480)	3.64	1.71	3.43	3.43	3.43	—	12.00(3.4~14.4)	13.4	3020(730~4120)	3.97	
	32+32+32+32	2.50	2.50	2.50	2.50	—	10.00(2.9~10.8)	13.8	3000(460~3600)	3.33	3.00	3.00	3.00	3.00	—	12.00(3.4~14.4)	13.5	3030(450~4280)	3.96	
	32+32+32+50	2.19	2.19	2.19	3.43	—	10.00(2.9~11.0)	13.2	2860(510~3530)	3.50	2.63	2.63	2.63	4.11	—	12.00(3.4~14.4)	13.2	2970(530~4180)	4.04	
	32+32+32+70	1.93	1.93	1.93	4.21	—	10.00(2.9~11.2)	13.2	2860(520~3610)	3.50	2.31	2.31	2.31	5.07	—	12.00(3.4~14.4)	13.2	2960(550~4160)	4.05	
	32+32+50+50	1.95	1.95	3.05	3.05	—	10.00(2.9~11.2)	12.9	2800(600~3540)	3.57	2.34	2.34	3.66	3.66	—	12.00(3.4~14.4)	13.2	2980(630~4100)	4.03	
	20+20+20+20+20	2.00	2.00	2.00	2.00	2.00	10.00(2.9~11.5)	13.2	2860(550~3860)	3.50	2.40	2.40	2.40	2.40	2.40	12.00(3.4~14.5)	13.2	2960(530~4240)	4.05	
	20+20+20+20+25	1.90	1.90	1.90	1.90	2.40	10.00(2.9~11.5)	13.2	2860(550~3860)	3.50	2.29	2.29	2.29	2.29	2.84	12.00(3.4~14.5)	13.2	2960(530~4240)	4.05	
20+20+20+20+32	1.79	1.79	1.79	1.79	2.84	10.00(2.9~11.5)	12.9	2800(550~3780)	3.57	2.14	2.14	2.14	2.14	3.44	12.00(3.4~14.5)	13.1	2940(560~4200)	4.08		
20+20+20+20+50	1.54	1.54	1.54	1.54	3.84	10.00(2.9~11.5)	12.9	2810(610~3630)	3.56	1.85	1.85	1.85	1.85	4.60	12.00(3.4~14.5)	13.2	2960(670~4180)	4.05		
20+20+20+20+70	1.33	1.33	1.33	1.33	4.68	10.00(2.9~11.5)	12.7	2750(650~3640)	3.64	1.60	1.60	1.60	1.60	5.60	12.00(3.4~14.5)	13.3	3000(680~4170)	4.00		
20+20+20+25+25	1.82	1.82	1.82	2.27	2.27	10.00(2.9~11.5)	13.2	2860(550~3860)	3.50	2.18	2.18	2.18	2.73	2.73	12.00(3.4~14.5)	13.2	2960(530~4240)	4.05		
20+20+20+25+32	1.71	1.71	1.71	2.13	2.74	10.00(2.9~11.5)	12.9	2800(550~3780)	3.57	2.05	2.05	2.05	2.56	3.29	12.00(3.4~14.5)	13.1	2940(560~4200)	4.08		
20+20+20+25+50	1.48	1.48	1.48	1.85	3.71	10.00(2.9~11.5)	12.9	2810(610~3630)	3.56	1.78	1.78	1.78	2.22	4.44	12.00(3.4~14.5)	13.2	2960(670~4180)	4.05		
20+20+20+25+70	1.29	1.29	1.29	1.61	4.52	10.00(2.9~11.5)	12.7	2750(650~3640)	3.64	1.55	1.55	1.55	1.93	5.42	12.00(3.4~14.5)	13.3	3000(680~4170)	4.00		
20+20+20+32+32	1.60	1.60	1.60	2.60	2.60	10.00(2.9~11.5)	12.9	2800(560~3780)	3.57	1.94	1.94	1.94	3.09	3.09	12.00(3.4~14.5)	13.2	2970(580~4170)	4.04		
20+20+20+32+50	1.41	1.41	1.41	2.25	3.52	10.00(2.9~11.5)	12.7	2750(650~3630)	3.64	1.69	1.69	1.69	2.70	4.23	12.00(3.4~14.5)	13.3	2990(690~4150)	4.01		
20+20+20+32+70	1.23	1.23	1.23	1.98	4.33	10.00(2.9~11.5)	12.7	2760(660~3640)	3.62	1.48	1.48	1.48	2.37	5.19	12.00(3.4~14.5)	13.3	2990(710~4140)	4.01		
20+20+20+50+50	1.24	1.24	1.24	3.14	3.14	10.00(2.9~11.5)	12.8	2780(750~3580)	3.60	1.50	1.50	1.50	3.75	3.75	12.00(3.4~14.5)	13.7	3080(830~4220)	3.90		
20+20+25+25+25	1.73	1.73	2.18	2.18	2.18	10.00(2.9~11.5)	13.2	2860(550~3860)	3.50	2.10	2.10	2.60	2.60	2.60	12.00(3.4~14.5)	13.2	2960(530~4240)	4.05		
20+20+25+25+32	1.64	1.64	2.05	2.05	2.62	10.00(2.9~11.5)	12.9	2800(550~3780)	3.57	1.97	1.97	2.46	2.46	3.14	12.00(3.4~14.5)	13.1	2940(560~4200)	4.08		
20+20+25+25+50	1.43	1.43	1.79	1.79	3.56	10.00(2.9~11.5)	12.9	2810(610~3630)	3.56	1.71	1.71	2.14	2.14	4.30	12.00(3.4~14.5)	13.2	2960(670~4180)	4.05		
20+20+25+25+70	1.25	1.25	1.56	1.56	4.38	10.00(2.9~11.5)	12.7	2750(650~3640)	3.64	1.50	1.50	1.88	1.88	5.24	12.00(3.4~14.5)	13.3	3000(680~4170)	4.00		
20+20+25+32+32	1.55	1.55	1.94	2.48	2.48	10.00(2.9~11.5)	12.9	2800(560~3780)	3.57	1.86	1.86	2.32	2.98	2.98	12.00(3.4~14.5)	13.2	2970(580~4170)	4.04		
20+20+25+32+50	1.36	1.36	1.70	2.18	3.40	10.00(2.9~11.5)	12.7	2750(650~3630)	3.64	1.63	1.63	2.04	2.61	4.09	12.00(3.4~14.5)	13.3	2990(690~4150)	4.01		
20+20+25+32+70	1.20	1.20	1.49	1.92	4.19	10.00(2.9~11.5)	12.7	2760(660~3640)	3.62	1.44	1.44	1.79	2.30	5.03	12.00(3.4~14.5)	13.3	2990(710~4140)	4.01		
20+20+25+50+50	1.21	1.21	1.52	3.03	3.03	10.00(2.9~11.5)	12.8	2780(750~3580)	3.60	1.45	1.45	1.82	3.64	3.64	12.00(3.4~14.5)	13.7	3080(830~4220)	3.90		
20+20+32+32+32	1.46	1.46	2.36	2.36	2.36	10.00(2.9~11.5)	12.9	2800(560~3700)	3.57	1.77	1.77	2.82	2.82	2.82	12.00(3.4~14.5)	13.1	2950(600~4200)	4.07		
20+20+32+32+50	1.30	1.30	2.08	2.08	3.24	10.00(2.9~11.5)	12.7	2750(660~3640)	3.64	1.56	1.56	2.49	2.49	3.90	12.00(3.4~14.5)	13.5	3030(720~4190)	3.96		
20+20+32+32+70	1.15	1.15	1.84	1.84	4.02	10.00(2.9~11.5)	12.7	2760(700~3640)	3.62	1.38	1.38	2.21	2.21	4.82	12.00(3.4~14.5)	13.4	3020(730~4180)	3.97		
20+20+32+50+50	1.16	1.16	1.86	2.91	2.91	10.00(2.9~11.5)	12.8	2790(760~3590)	3.58	1.40	1.40	2.22	3.49	3.49	12.00(3.4~14.5)	13.9	3120(860~4200)	3.85		
20+25+25+25+25	1.68	2.08	2.08	2.08	2.08	10.00(2.9~11.5)	13.2	2860(550~3860)	3.50	2.00	2.50	2.50	2.50	2.50	12.00(3.4~14.5)	13.2	2960(530~4240)	4.05		
20+25+25+25+32	1.57	1.97	1.97	1.97	2.52	10.00(2.9~11.5)	12.9	2800(550~3780)	3.57	1.89	2.36	2.36	2.36	3.03	12.00(3.4~14.5)	13.1	2940(560~4200)	4.08		
20+25+25+25+50	1.38	1.72	1.72	1.72	3.46	10.00(2.9~11.5)	12.9	2810(610~3630)	3.56	1.65	2.07	2.07	2.07	4.14	12.00(3.4~14.5)	13.2	2960(670~4180)	4.05		
20+25+25+25+70	1.20	1.52	1.52	1.52	4.24	10.00(2.9~11.5)	12.7	2750(650~3640)	3.64	1.45	1.82	1.82	1.82	5.09	12.00(3.4~14.5)	13.3	3000(680~4170)	4.00		
20+25+25+32+32	1.48	1.87	1.87	2.39	2.39	10.00(2.9~11.5)	12.9	2800(560~3780)	3.57	1.78	2.24	2.24	2.87	2.87	12.00(3.4~14.5)	13.2	2970(580~4170)	4.04		
20+25+25+32+50	1.32	1.64	1.64	2.11	3.29	10.00(2.9~11.5)	12.7	2750(650~3630)	3.64	1.58	1.97	1.97	2.53	3.95	12.00(3.4~14.5)	13.3	2990(690~4150)	4.01		
20+25+25+32+70	1.16	1.45	1.45	1.86	4.08	10.00(2.9~11.5)	12.7	2760(660~3640)	3.62	1.40	1.74	1.74	2.23	4.89	12.00(3.4~14.5)	13.3	2990(710~4140)	4.01		
20+25+25+50+50	1.18	1.47	1.47	2.94	2.94	10.00(2.9~11.5)	12.8	2780(750~3580)	3.60	1.42	1.76	1.76	3.53	3.53	12.00(3.4~14.5)	13.7	3080(830~4220)	3.90		

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