



# Specifications

	Models	Indoor Units: Possible Combination Patterns Must be within capacity range	Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension			Indoor Unit Combinations						
				Indoor Unit	Liquid Side (mm)	Gas Side (mm)	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)	Ultra Slim Ducted	Floor Console
Up to 2 rooms	CU-2Z52VBR  5.2kW *4  Dimensions (HxWxD): 619 x 824(+70) x 299 mm Weight: 39 kg		3.2 to 7.7 kW  Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	20 m	30 m	20 m	15 g/m	10 m	1.6	•			
												2.0	•			
												2.5	•	•	•	•
												3.5	•	•	•	•
												4.2	•			
												5.0	•	•	•	•
Up to 3 rooms	CU-3Z54VBR  5.4kW *4  Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 71 kg		4.5 to 9.5 kW  Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	50 m	30 m	20 g/m	15 m	1.6	•			
												2.0	•			
												2.5	•	•	•	
												3.5	•	•	•	
												4.2	•			
												5.0	•	•	•	•
Up to 4 rooms	CU-4Z71VBR  7.1kW *4  Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 72 kg		4.5 to 11.5 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	1.6	•			
												2.0	•			
												2.5	•	•	•	
												3.5	•	•	•	
												4.2	•			
												5.0	•	•	•	•

\*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2)


## Outdoor






Up to 2 rooms

CU-2Z52VBR




Up to 3 rooms

CU-3Z54VBR

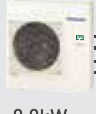
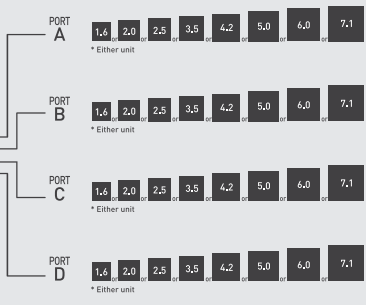
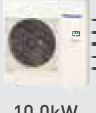
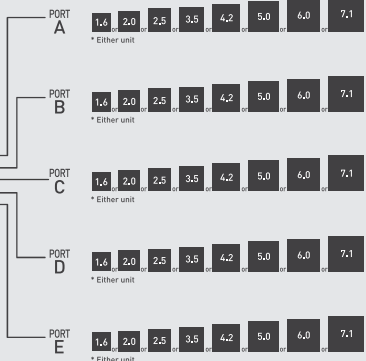


Up to 4 rooms






CU-4Z71VBR



# Specifications

Models	Indoor Units: Possible Combination Patterns Must be within capacity range	Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension				Indoor Unit Combinations					
			Indoor Unit	Liquid Side (mm)	Gas Side (mm)	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)	Ultra Slim Ducted	Floor Console
<b>Up to 4 rooms</b>   <b>8.0kW</b> *4  Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 80 kg		4.5 to 14.7 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	1.6	●			
			Room B	ø 6.35	ø 9.52						2.0	●			
			Room C	ø 6.35	ø 9.52						2.5	●	●	●	
			Room D	ø 6.35	ø 9.52						3.5	●	●	●	
											4.2	●			
<b>Up to 5 rooms</b>   <b>10.0kW</b> *4  Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 81 kg		4.5 to 18.3 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	1.6	●			
			Room B	ø 6.35	ø 9.52						2.0	●			
			Room C	ø 6.35	ø 9.52						2.5	●	●	●	
			Room D	ø 6.35	ø 9.52						3.5	●	●	●	
			Room E	ø 6.35	ø 9.52						4.2	●			
											5.0	●	●	●	

\*4 To enable demand response management, an optional accessory needs to be installed [CZ-CAP2]

Accessories				
 <b>CZ-MA1P</b> *1 CZ-MA1P is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".	 <b>CZ-MA2P</b> *2 CZ-MA2P is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".	 <b>CZ-MA3P</b> *3 CZ-MA3P is to be used to reduce the connection size on the indoor unit from 3/8" to 1/2".	 <b>CZ-CAP2</b> *4 Demand response module CZ-CAP2.	 <b>CZ-TACG1</b> *5 Network Adaptor (Optional)

## Outdoor



Up to 4 rooms

CU-4Z80VBR



Up to 5 rooms

CU-5Z100VBR



# Indoor units

Cooling  
Heating

Model			Wall-Mounted							
			CS-MRZ16WKR	CS-MRZ20WKR	CS-RZ25WKRW	CS-RZ35WKRW	CS-RZ42WKRW	CS-RZ50WKRW	CS-RZ60VKRW-M	CS-RZ71VKRW-M
Capacity	kW		1.6	2.0	2.5	3.5	4.2	5.0	6.0	7.1
Power Source			Single Phase 240V, 50Hz							
Sound Pressure Level (H/L)	Cooling	dB(A)	41/27	42/27	42/27	46/28	47/33	46/36	48/38	51/39
	Heating		41/29	42/29	42/29	46/31	46/37	46/35	48/38	51/39
Sound Power Level (H/L)	Cooling	dB(A)	57/43	58/43	58/43	62/44	63/49	62/52	64/54	67/55
	Heating		57/45	58/45	58/45	62/47	62/53	62/51	64/54	67/55
Airflow	Cooling/Heating	L/s	183/192	190/198	190/193	195/213	198/213	332/338	353/353	385/395
Dimensions	Height	mm	290	290	290	290	290	290	302	302
	Width	mm	779	779	779	779	779	779	1,102	1,102
	Depth	mm	209	209	209	209	209	209	244	244
Net Weight		kg	8	8	8	8	8	8	13	13
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	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 9.52	ø 9.52*1	ø 9.52*1	ø 12.70*2	ø 12.70*2*3

Cooling  
Heating

Model			Ultra Slim Ducted				4-Way Mini Cassette				Floor Console		
			CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW	CS-Z25UB4RAW	CS-Z35UB4RAW	CS-Z50UB4RAW	CS-Z60UB4RAW	CS-Z25UFRAW	CS-Z35UFRAW	CS-Z50UFRAW
Capacity	kW		2.5	3.5	5.0	6.0	2.5	3.5	5.0	6.0	2.5	3.5	5.0
Power Source			Single Phase 240V, 50Hz										
Sound Pressure Level (H/L)	Cooling	dB(A)	35/29	35/28	41/31	43/32	36/27	36/28	40/30	45/34	40/27	41/28	46/33
	Heating		36/29	37/29	41/32	43/34	37/30	39/30	41/31	47/34	40/27	41/27	48/35
Sound Power Level (H)	Cooling	dB(A)	51	51	57	59	52	52	56	61	56	57	62
	Heating		52	53	57	59	53	55	57	63	56	57	64
Airflow	Cooling/Heating	L/s	175/175	187/187	255/255	262/262	175/180	175/195	192/197	237/253	163/173	170/182	198/227
Dimensions	Height	mm	200	200	200	200	260	260	260	260	600	600	600
	Width	mm	750	750	750	750	575	575	575	575	750	750	750
	Depth	mm	640	640	640	640	575	575	575	575	207	207	207
Net Weight		kg	19	19	19	19	18	18	18	18	13	13	13
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52*1	ø 12.70*2	ø 9.52	ø 9.52	ø 9.52*1	ø 12.70*2	ø 9.52	ø 9.52	ø 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-2Z52VBR	CU-3Z54VBR	CU-4Z71VBR	CU-4Z80VBR	CU-5Z100VBR
Indoor Units Combination			2.50kW + 2.50kW	1.60kW + 1.60kW + 2.00kW	1.60kW + 1.60kW + 1.60kW + 2.00kW	2.00kW + 2.00kW + 2.00kW + 2.00kW	2.00kW + 2.00kW + 2.00kW + 2.00kW + 2.00kW
Power Source			Single Phase 240V, 50Hz				
Cooling Operation	Capacity (min-max)	kW	5.20 (1.50-6.00)	5.40 (1.80-7.30)	7.10 (1.90-8.80)	8.00 (2.30-9.20)	10.00 (2.30-11.50)
Maximum Connectable Capacity			7.7	9.5	11.5	14.7	18.3
Maximum Connectable Indoors			2	3	4	4	5
Electrical Data	Running Current	A	5.9	5.1	7.4	8.9	11.8
	Power Input (min-max)	kW	1.35 (0.25-1.62)	1.12 (0.36-2.18)	1.66 (0.34-2.47)	1.98(0.42-2.87)	2.60 (0.43-3.59)
	AEER/EER	W/W	3.79 / 3.85	4.74 / 4.82	4.23 / 4.28	4.00 / 4.04	3.81 / 3.85
Noise (H)	Sound Pressure Level	dB(A)	51	48	49	51	53
	Sound Power Level	dB(A)	66	62	63	67	69
Heating Operation	Capacity	kW	6.10 (1.10-7.20)	7.00 (1.60-9.00)	8.50 (3.00-10.70)	9.40 (3.00-11.60)	12.00 (3.40-14.50)
Electrical Data	Running Current	A	6.2	6.8	8.6	9.3	12.1
	Power Input (min-max)	kW	1.43 (0.21-1.90)	1.54 (0.32-2.63)	1.95 (0.50-2.72)	2.03 (0.50-3.42)	2.76 (0.58-4.02)
	ACOP/COP	W/W	4.21 / 4.27	4.49 / 4.55	4.32 / 4.36	4.58 / 4.63	4.31 / 4.35
Noise (H)	Sound Pressure Level	dB(A)	53	49	51	52	56
	Sound Power Level	dB(A)	68	63	65	68	72
Maximum Current		A	11.5	15.2	15.6	19.0	21.3
Starting Current		A	6.4	7.0	8.8	9.7	12.5
Compressor Output		W	900	1300	1300	1700	1700
Dimensions	Height	mm	619	795	795	999	999
	Width	mm	824 (+70)	875 (+95)	875 (+95)	940	940
	Depth	mm	299	320	320	340	340
Net Weight		kg	39	71	72	80	81
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Pipe Length Range (1 room)		m	3~20	3~25	3~25	3~25	3~25
Maximum Pipe Length (Total)**		m	30	50	60	70	80
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	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 9.52	ø 9.52
Operating Range	Cooling	Degree [°C]	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46
	Heating	Degree [°C]	-15~+24**	-15~+24**	-15~+24**	-15~+24**	-15~+24**

\*\* Additional Gas might be required for some models. Refer to Page 32 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