

Panasonic

SPLIT SYSTEM & MULTI AIR CONDITIONERS



INVERTER



Energy Saving Technology

Panasonic combines 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.

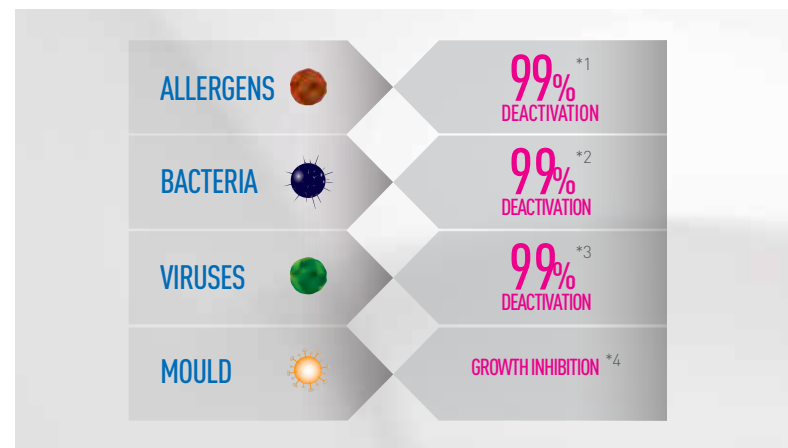
*Wall-mounted type only.



Cleaner, Healthier Air

As well as a cool, comfortable home, a Panasonic Air Conditioner provides the ultimate peace of mind. The Anti-Bacterial Filter* eliminates unwanted contaminants to 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.



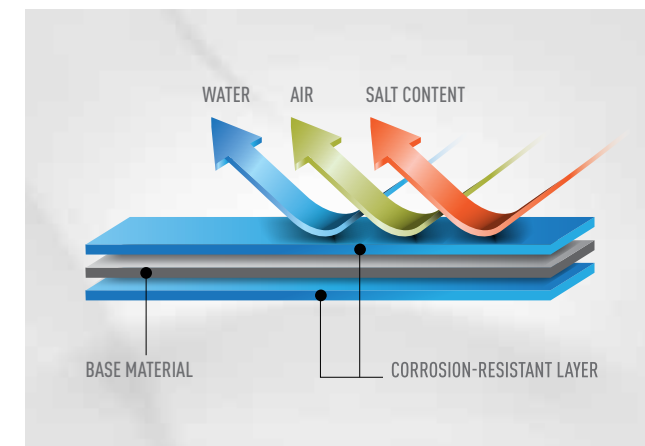
*1 Allergen deactivation was certified by Shinshu University. Allergen: Cider Pollen Allergen Cry j1 *2 Bacteria deactivation was certified by Boken Quality Evaluation Institute. Test Report No: 10042459-1 and 10042459-2 Bacteria: Staphylococcus aureus NBRC 12732; Escherichia coli NBRC 3972 *3 Virus 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



Kiwi 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 New Zealand's hot summer days. The heating operation is designed to operate even when it's a freezing -15°C outside, ensuring even the coldest parts of New Zealand are comfortable.



Built Tough

Panasonic Outdoor Units are built to last in the harshest environment. To ensure you will enjoy many years of reliable comfort from your Air Conditioner, the 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.



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.

ULTRA SLIM DUCTED



SINGLE SPLIT SYSTEM



Wired Remote Controller Included

Model No	CS-E9SD3RW	CS-E12SD3RW	CS-E18SD3RW
Capacity	2.6kW	3.7kW	5.0kW

- Market-leading Energy Efficiency
- Only 200mm High
- Rear or Bottom Suctions
- Built-in Drain Pump
- -15°C to +46°C Operating Range

Specifications

Cooling (): Outdoor Unit EER: Cooling Efficiency
Heating (): Outdoor Unit COP: Heating Efficiency

240V / 1 Phase / 50 Hz			Ultra Slim Ducted		
			CS-E9SD3RW (CU-E9SD3R)	CS-E12SD3RW (CU-E12SD3R)	CS-E18SD3RW (CU-E18SD3R)
Cooling/Heating Capacity	kW		2.60 [0.85~3.20]	3.70 [0.85~4.00]	5.00 [0.90~5.70]
			3.30 [0.85~4.50]	4.20 [0.85~5.10]	6.10 [0.90~7.10]
AEER/EER ACOP/COP	W/W		4.01/4.19	3.49/3.59	3.26/3.33
			3.80/3.93	3.72/3.82	3.52/3.59
Electrical Data	Voltage	V	240	240	240
	Running Current	A	2.8	4.4	6.5
	Power Input	kW	0.62 [0.23~0.97]	1.03 [0.23~1.15]	1.50 [0.29~1.8]
			0.84 [0.22~1.36]	1.10 [0.22~1.50]	1.70 [0.33~2.05]
Airflow (Indoor/High)	L/s		200	200	255
			200	200	255
	m³/min		12.0	12.0	15.3
			12.0	12.0	15.3
	ft³/min		425	425	540
			425	425	540
	dB-A [H/L/Q-Lo]		32/27/24	33/27/24	41/30/27
			34/28/25	35/28/25	41/32/29
Noise Indoor	Power Level dB		48/43/40	49/43/40	57/46/43
			50/44/41	51/44/41	57/48/45
Noise Outdoor	dB-A [H/L/Q-Lo]		46/-/-	49/-/-	48/-/43
			46/-/-	50/-/-	49/-/44
	Power Level dB		61/-/-	64/-/-	62/-/57
			61/-/-	65/-/-	63/-/58
Dimensions	Indoor (H x W x D)	mm	200x750x640	200x750x640	200x750x640
	Outdoor (H x W x D)	mm	{619x824x299}	{619x824x299}	{795x875x320}
Net Weight	Indoor {Outdoor}	kg	19 {33}	19 {33}	19 {52}
Refrigerant Pipe Diameter	Liquid Side	mm/(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	mm/(inch)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)
Power Supply			Outdoor	Outdoor	Outdoor
Pipe Length			Min~Max (m)	3~15	3~30
Pipe Length for Additional Gas			m(ft)	7.5	10
Additional Gas Amount			g/m	20	20
Operating Range {Outdoor}	Cooling	Degree [°C]	5~46	5~46	5~46
	Heating	Degree [°C]	-15~24	-15~24	-15~24

Outdoor



CU-E9SD3R
CU-E12SD3R



CU-E18SD3R



BULKHEAD DUCTED

SINGLE SPLIT SYSTEM



Wired Remote Controller Included

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

- Market-leading Energy Efficiency
- Only 370mm Deep
- Easy Installation
- Built-in Drain Pump
- -15°C to +46°C Operating Range

Specifications

Cooling (): Outdoor Unit EER: Cooling Efficiency
Heating (): Outdoor Unit COP: Heating Efficiency

240V / 1 Phase / 50 Hz			Bulkhead Ducted	
			CS-E12QD3RW (CU-E12QD3R)	CS-E18QD3RW (CU-E18QD3R)
Cooling/Heating Capacity	kW		3.40 [0.85~4.00]	5.00 [0.90~5.70]
			4.00 [0.85~5.10]	6.10 [0.90~7.10]
AEER/EER ACOP/COP	W/W		3.47/3.58	3.18/3.25
			3.30/3.39	3.24/3.30
Electrical Data	Voltage	V	240	240
	Running Current	A	4.1	6.6
	Power Input	kW	0.95 [0.23~1.18]	1.54 [0.29~1.84]
			1.18 [0.22~1.6]	1.85 [0.33~2.20]
Airflow (Indoor/High)	L/s		131	210
			148	225
	m³/min		7.9	12.6
			8.9	13.5
	ft³/min		280	445
			315	475
Noise Indoor	dB-A [H/L/Q-Lo]		33/27/24	42/30/27
			35/28/25	42/32/29
	Power Level dB		49/43/40	48/46/43
			51/44/41	48/48/45
Noise Outdoor	dB-A [H/L/Q-Lo]		49/-	48/43
			50/-	49/44
	Power Level dB		64/-	62/57
			65/-	63/58
Dimensions	Indoor (H x W x D)	mm	235x750x370	285x750x370
	Outdoor (H x W x D)	mm	{619x824x299}	{795x875x320}
Net Weight	Indoor {Outdoor}	kg	17 {33}	18 {52}
Refrigerant Pipe Diameter	Liquid Side	mm/(inch)	6.35 (1/4)	6.35 (1/4)
	Gas Side	mm/(inch)	12.70 (1/2)	12.70 (1/2)
Power Supply			Outdoor	Outdoor
Pipe Length			Min~Max (m)	3~30
Pipe Length for Additional Gas			m(ft)	7.5
Additional Gas Amount			g/m	20
Operating Range {Outdoor}	Cooling	Degree [°C]	5~46	5~46
	Heating	Degree [°C]	-15~24	-15~24

Outdoor



CU-E12QD3R



CU-E18QD3R



4-WAY MINI CASSETTE



SINGLE SPLIT SYSTEM



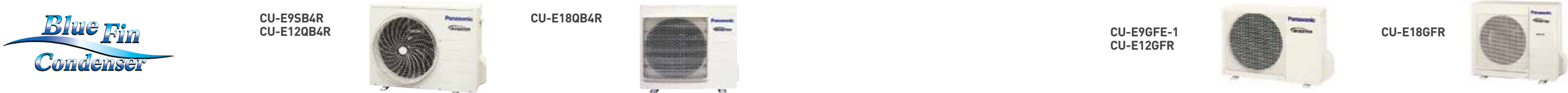
Model No	CS-E9SB4RW CS-E12QB4RW CS-E18QB4RW		
Capacity	2.5kW	3.4kW	4.8kW

- Market-leading Energy Efficiency
- Compact Design (260mm High)
- Easy Installation
- Built-in Drain Pump
- -15°C to +46°C Operating Range

Specifications

4-Way Mini Cassette			
240V / 1 Phase / 50 Hz			
Cooling/Heating Capacity		CS-E9SB4RW (CU-E9SB4R)	CS-E12QB4RW (CU-E12QB4R)
		2.50 [0.85~3.20] 3.20 [0.85~4.70]	3.40 [0.85~4.00] 4.00 [0.85~5.40]
AEER/EER ACOP/COP		4.29/4.55 3.94/4.10	3.73/3.86 3.70/3.81
Electrical Data	Voltage	240 240	240 240
	Running Current	2.5 3.5	3.9 4.6
	Power Input	0.55 [0.22~0.9] 0.78 [0.21~1.36]	0.88 [0.22~1.18] 1.05 [0.21~1.68]
Star Rating		4.0 3.0	2.5 2.5
		175 182	175 195
Airflow (Indoor/High)	L/s	175 182	175 195
	m³/min	10.5 10.9	10.5 11.7
	ft³/min	370 385	370 415
Noise Indoor	dB-A (H/L/Q-Lo)	34/26/23 35/28/25	35/26/23 37/28/25
	Power Level dB	50/42/39 51/44/41	51/42/39 53/44/41
Noise Outdoor	dB-A (H/L/Q-Lo)	46/-/- 46/-/- 61/-/-	49/- 50/- 64/-
	Power Level dB	46/-/- 61/-/- 61/-/-	48/43 49/44 62/57
Dimensions	Indoor (H x W x D)	mm 260x575x575	mm 260x575x575
	Outdoor (H x W x D)	mm (619x824x299)	mm (619x824x299)
Net Weight	Indoor (Outdoor)	kg 18 (33)	kg 18 (33)
Refrigerant Pipe Diameter	Liquid Side	mm/(inch) 6.35 (1/4)	mm/(inch) 6.35 (1/4)
	Gas Side	mm/(inch) 9.52 (3/8)	mm/(inch) 12.70 (1/2)
Power Supply		Outdoor	Outdoor
Pipe Length	Min~Max (m)	3~15	3~15
Pipe Length for Additional Gas	m(ft)	7.5	7.5
Additional Gas Amount	g/m	20	20
Operating Range (Outdoor)	Cooling	Degree [°C] 5~46	Degree [°C] 5~46
	Heating	Degree [°C] -15~24	Degree [°C] -15~24

Outdoor



FLOOR CONSOLE

SINGLE SPLIT SYSTEM



Model No	CS-E9GFEW CS-E12GFEW CS-E18GFEW		
Capacity	2.8kW	3.2kW	5.0kW

- Upper and Lower Vane Blow
- Compact Design (Only 210mm Deep)
- Easy Installation
- Super Quiet (as low as 23dB)
- -15°C to +46°C Operating Range

Specifications


FLOOR CONSOLE				
240V				
Model	(240V)	CS-E9GFEW (CU-E9GFE-1)	CS-E12GFEW (CU-E12GFR)	CS-E18GFEW (CU-E18GFR)
Cooling/Heating Capacity	W	2.50 [0.80~3.00] 3.60 [0.80~5.00]	3.40 [0.80~3.80] 4.40 [0.80~5.40]	5.00 [0.90~5.60] 5.60 [0.90~6.50]
	Btu/h	8,500 [2,700~10,200] 12,300 [2,700~17,100]	11,600 [2,730~13,000] 15,000 [2,730~18,400]	17,100 [3,070~19,100] 19,100 [3,070~22,200]
Air Flow	L/s	155 160	158 167	183 217
Dehumid	L/h	1.4	2.0	2.8
Running Current	A	2.65 3.90	3.8 4.9	6.5 6.6
Power Input	kW	0.57 [0.18~0.78] 0.87 [0.17~1.36]	0.86 [0.19~1.14] 1.09 [0.18~1.42]	1.55 [0.26~1.91] 1.50 [0.26~1.73]
EER/COP	w/w	4.39 4.16	3.95 4.04	3.23 3.73
Star Rating		3.5 3.0	2.5 2.5	1.5 2.0
Sound Pressure Level*1 dB (A)	Inside (Hi/Lo/S-Lo)	38/27/23 38/27/23	39/28/24 39/27/23	44/36/32 46/36/32
	Outside (Hi/S-Lo)	46/--- 47/---	48/--- 50/---	47/--- 48/---
Sound Power Level dB (A)	Outside (Hi/S-Lo)	59/--- 60/---	63/--- 65/---	61/--- 62/---
Dimensions	Indoor (H x W x D)	mm 600 x 700 x 210	mm 600 x 700 x 210	mm 600 x 700 x 210
	Outdoor (H x W x D)	mm (540 x 780 x 289)	mm (540 x 780 x 289)	mm (750 x 875 x 345)
Net Weight	Indoor (Outdoor)	kg 14 (34)	kg 14 (35)	kg 14 (49)
Refrigerant Pipe Diameter	Liquid Side	mm/(inch) 6.35 (1/4)	mm/(inch) 6.35 (1/4)	mm/(inch) 6.35 (1/4)
	Gas Side	mm/(inch) 9.52 (3/8)	mm/(inch) 9.52 (3/8)	mm/(inch) 12.70 (1/2)
Pipe Extension Length	Min~Max (m)	3~15	3~15	3~20
Pipe Length for Additional Gas	m	7.5	7.5	10
Additional Gas Amount	g/m	20	20	20
Power Supply		Outdoor	Outdoor	Outdoor
Operating Range (Outdoor)	Cooling	Degree [°C] 16~43	Degree [°C] 16~43	Degree [°C] 16~43
	Heating	Degree [°C] -15~24	Degree [°C] -15~24	Degree [°C] -15~24

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

Outdoor





Wall-Mounted



Model No	CS-MRE5QKR	CS-MRE7QKR	CS-MRE9QKR
Capacity	1.6kW	2.0kW	2.5kW



Model No	CS-MRE12QKR*1	CS-MRE18QKR*1	CS-MRE24QKR*2*3
Capacity	3.2kW	5.0kW	7.0kW

Ultra Slim Ducted






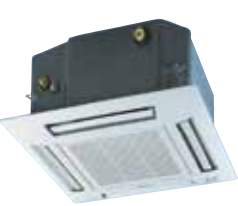
Model No	CS-E9SD3RW	CS-E12SD3RW*1	CS-E18SD3RW*1
Capacity	2.5kW	3.2kW	5.0kW

Bulkhead Ducted





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

4-Way Mini Cassette




Model No	CS-E9SB4RW	CS-E12QB4RW*1	CS-E18QB4RW *1
Capacity	2.5kW	3.2kW	5.0kW

Floor Console




Model No	CS-E9GFEW	CS-E12GFEW	CS-E18GFEW *1
Capacity	2.8kW	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 3/8" to 1/2".



CZ-CAP2

Demand response module CZ-CAP2.

MULTI SPLIT SYSTEM

Advantages of the Inverter Multi Split System

Indoor unit

- A variety of Indoor Units
- Market-leading Energy Efficiency
- Anti-Bacterial Filter (Wall-mounted type only)
- Precise control of individual room temperature

Outdoor unit

- Space-saving
52% less space than five single split types.



With a single outdoor unit, control up to 5 indoor units. [Maximum]



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.

Single Split Type CU-Z9RKR




CU-5E34QBR

BIG SPACE SAVINGS

Specifications

Models	Indoor Units: Possible Combination Patterns (Indoor combination must not exceed rated capacity)	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)	Ultra Slim Ducted	Bulkhead Ducted
Up to 2 rooms	<div>CU-2E18SBR</div> <div><div>5.2kW *4</div></div> <div>Dimensions (HxWxD): 619 x 824 (+70) x 299 mm Weight: 39 kg</div> <div>* At least two Indoor Units must be connected.h</div>	4.0 to 7.5 kW	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	●	●	●	●
			Room B	ø 6.35	ø 9.52						3.2	●	●	●	●
											5.0	●	●	●	●
Up to 3 rooms	<div>CU-3E18SBR</div> <div><div>5.2kW *4</div></div> <div>Dimensions (HxWxD): 795 x 875 (+95) x 320 mm Weight: 71 kg</div> <div>* At least two Indoor Units must be connected.</div>	4.5 to 9.0 kW	Room A	ø 6.35	ø 9.52						1.6	●			
											2.0	●		●	
			Room B	ø 6.35	ø 9.52	25 m	50 m	30 m	20 g/m	15 m	2.5	●	●	●	●
											3.2	●	●	●	●
			Room C	ø 6.35	ø 9.52						5.0	●	●	●	●

Specifications continued...

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	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)	Ultra Slim Ducted	Bulkhead Ducted	
Up to 4 rooms	<div>CU-4E23QBR</div> <div></div> <div>6.8kW *4</div> <div><div>PORT A</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0</div><div>* Either unit</div><div>PORT B</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0</div><div>* Either unit</div><div>PORT C</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0</div><div>* Either unit</div><div>PORT D</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0</div><div>* Either unit</div></div> <div>Dimensions (HxWxD): 795 x 875 (L+R) x 320 mm Weight: 72 kg</div> <div>* At least two Indoor Units must be connected.</div>	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	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						3.2	●	●	●	●	
				Room D	ø 6.35	ø 9.52						5.0	●	●	●	●	
Up to 4 rooms	<div>CU-4E27QBR</div> <div></div> <div>8.0kW *4</div> <div><div>PORT A</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT B</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT C</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT D</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div></div> <div>Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 80 kg</div> <div>* At least two Indoor Units must be connected.</div>	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	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						3.2	●	●	●	●	●
				Room D	ø 6.35	ø 9.52						5.0	●	●	●	●	●
				Room D	ø 6.35	ø 9.52						7.0	●				
Up to 5 rooms	<div>CU-5E34QBR</div> <div></div> <div>10.0kW *4</div> <div><div>PORT A</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT B</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT C</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT D</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div><div>PORT E</div><div>1.6 or 2.0 or 2.5 or 3.2 or 5.0 or 7.0</div><div>* Either unit</div></div> <div>Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 81 kg</div> <div>* At least two Indoor uUnits must be connected.</div>	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	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						3.2	●	●	●	●	●
				Room D	ø 6.35	ø 9.52						5.0	●	●	●	●	●
				Room E	ø 6.35	ø 9.52						7.0	●				

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

Outdoor

Up to 2 rooms



CU-2E18SBR

Up to 3 rooms



CU-3E18SBR

Up to 4 rooms



CU-4E23QBR

Up to 4 rooms



CU-4E27QBR

Up to 5 rooms



CU-5E34QBR

Indoor Units

Cooling []: Outdoor Unit
Heating []: Outdoor Unit
EER: Cooling Efficiency
COP: Heating Efficiency

			Wall-Mounted								
			CS-MRE50QR	CS-MRE70QR	CS-MRE90QR	CS-MRE120QR	CS-MRE180QR	CS-MRE240QR			
Capacity		kW	1.6	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	40/29/26	44/32/29	46/33/30	47/35/32			
			40/29/26	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	56/45/42	60/48/45	62/49/46	63/51/48			
			56/45/42	56/45/42	56/45/42	60/48/45	62/51/48	63/54/51			
Airflow		L/s	168/172	168/172	168/173	182/190	275/298	307/325			
Dimensions	Height	mm	290	290	290	290	290	290			
	Width	mm	870	870	870	870	1070	1070			
	Depth	mm	214	214	214	214	240	240			
Net Weight		kg	9	9	9	9	12	12			
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35	6.35	6.35	6.35			
	Gas Side	mm	9.52	9.52	9.52	9.52*1	9.52*1	12.7*2*3			
Model			Ultra Slim Ducted			Bulkhead Ducted		4-Way Mini Cassette			
			CS-E9SD3RW	CS-E12SD3RW	CS-E18SD3RW	CS-E120D3RW	CS-E180D3RW	CS-E9SB4RW	CS-E120B4RW	CS-E180B4RW	
Capacity		kW	2.5	3.2	5.0	3.2	5.0	2.5	3.2	5.0	
Power Source			Single Phase 240V, 50Hz								
Noise (Hi/L0/S-Lo)	Sound Pressure Level	dB(A)	34/29/26	35/29/26	43/32/29	35/29/26	44/32/29	36/28/25	37/28/25	40/30/27	
			36/30/27	37/30/27	43/34/31	37/30/27	44/34/31	37/30/27	39/30/27	41/31/28	
Noise (Hi/L0)	Sound Power Level	dB	50/45/42	51/45/42	59/48/45	51/45/42	60/48/45	52/44/41	53/44/41	56/46/43	
			52/46/43	53/46/43	59/50/47	53/46/43	60/50/47	53/46/43	55/46/43	57/47/44	
Airflow		L/s	200/200	200/200	255/255	131/148	210/225	175/182	175/195	195/208	
Dimensions	Height	mm	200	200	200	235	285	260	260	260	
	Width	mm	750	750	750	750	750	575	575	575	
	Depth	mm	640	640	640	370	370	575	575	575	
Net Weight		kg	19	19	19	17	18	18	18	18	
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
	Gas Side	mm	9.52	9.52*1	9.52*1	9.52*1	9.52*1	9.52	9.52*1	9.52*1	
Model			CS-E9GFEW			Floor Console		CS-E18GFEW			
						CS-E12GFEW					
Capacity		kW	2.8			3.2		5.0			
Power Source			Single Phase 230V, 50Hz								
Noise (Hi/L0/S-Lo)	Sound Pressure Level	dB(A)	38/27/23			39/28/24			44/36/32		
			38/27/23			39/27/23			46/36/32		
	Sound Power Level	dB	54/—			55/—			60/—		
			54/—			55/—			62/—		
Fan Output		W	48			48			48		
Dimensions	Height	mm	600			600			600		
	Width	mm	700			700			700		
	Depth	mm	210			210			210		
Net Weight		kg	14.0			14.0			14.0		
Connecting Cable			3 + 1 (earth), ø1.5mm²								
Refrigerant Pipe Diameter	Liquid Side	mm	6.35			6.35			6.35		
	Gas Side	mm	9.52			9.52			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

MULTI SPLIT SYSTEM						
			Cooling (): Outdoor Unit		EER: Cooling Efficiency	
			Heating (): Outdoor Unit		COP: Heating Efficiency	
Model [50Hz]			CU-2E18SBR	CU-3E18SBR	CU-4E23QBR	CU-4E27QBR
Indoor Units Combination			2.0kW+3.2kW	1.6kW+1.6kW+2.0kW	1.6kW+1.6kW+1.6kW+2.0kW	2.0kW+2.0kW+2.0kW+2.0kW
Power Source			Single Phase 240V, 50Hz			
Cooling Operation			Capacity kW	5.20 (1.50~6.00)	5.20 (1.80~7.30)	6.80 (1.90~8.80)
Maximum Connectable Capacity			kW	7.5	9.0	11.0
Maximum Connectable Indoors			Units	2	3	4
Electrical Data	Running Current	A	6.3	5.5	7.5	9.4
	Power Input	kW	1.40 (0.25~1.85)	1.20 (0.36~2.18)	1.68 (0.34~2.47)	2.15 (0.53~2.87)
	AEER/EER	W/W	4.19/3.71	3.64/4.33	3.95/4.05	3.65/3.72
Noise [Hi/Lo]	Sound Pressure Level	dB(A)	49/-	46/-	48/-	51/-
	Sound Power Level	dB	64/-	60/-	62/-	67/-
Heating Operation			Capacity kW	5.60 (1.10~7.20)	6.80 (1.60~8.30)	8.50 (3.00~10.60)
Electrical Data	Running Current	A	5.8	6.8	8.6	9.8
	Power Input	kW	1.31 (0.21~1.8)	1.50 (0.32~2.11)	1.95 (0.58~2.60)	2.18 (0.70~3.06)
	ACOP/COP	W/W	4.41/4.27	4.19/4.53	4.27/4.36	4.23/4.31
Noise [Hi/Lo]	Sound Pressure Level	dB(A)	52/-	48/-	49/-	52/-
	Sound Power Level	dB	67/-	62/-	63/-	68/-
Maximum Current			A	12.0	15.2	15.6
Starting Current			A	6.5	7.0	8.8
Compressor Output			W	900	1300	1300
Dimensions	Height	mm	619	795	795	999
	Width	mm	824 (+70)	875 (+95)	875 (+95)	940
	Depth	mm	299	320	320	340
Net Weight			kg	39	71	72
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor
Pipe Length Range [1 room]			m	3~20	3~25	3~25
Maximum Pipe Length [Total] *1			m	30	50	60
Refrigerant Pipe Diameter	Liquid Side	mm	6.35	6.35	6.35	6.35
	Gas Side	mm	9.52	9.52	9.52	9.52
Operating Range	Cooling	Degree [°C]	-10~46	-10~46	-10~46	-10~46
	Heating	Degree [°C]	-15~24*1	-15~24*1	-15~24*1	-15~24*1

*1 Additional Gas might be required for some models.

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



4-WAY MINI CASSETTE



ULTRA SLIM DUCTED



BULKHEAD DUCTED



FLOOR CONSOLE

NOTES

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