

# WALL-MOUNTED AERO Z SERIES Single -Split Type NEW



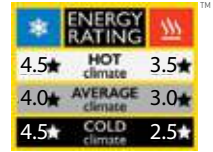
**CS-Z20XKRW | CS-Z25XKRW-1 | CS-Z35XKRW | CS-Z42XKRW | CS-Z50XKRW**



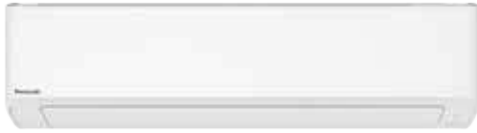
Wireless (Standard)



Wired CZ-RD514C (Optional)



\*Star rating : CS-Z35XKRW (Residential)



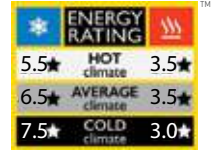
**CS-Z50XKRW-1 | CS-Z60XKRW-1 | CS-Z71XKRW | CS-Z80XKR**



Wireless (Standard)



Wired CZ-RD514C (Optional)



\*Star rating : CS-Z35XKRW (Commercial)



MODEL	INDOOR UNIT (240V / 1 Phase / 50Hz)		CS-Z20XKRW	CS-Z25XKRW-1	CS-Z35XKRW	CS-Z42XKRW	CS-Z50XKRW	CS-Z50XKRW-1	CS-Z60XKRW-1	CS-Z71XKRW	CS-Z80XKR
	OUTDOOR UNIT		CU-Z20XKR	CU-Z25XKR-1	CU-Z35XKR	CU-Z42XKR	CU-Z50XKR	CU-Z50XKR-1	CU-Z60XKR-1	CU-Z71XKR	CU-Z80XKR
Cooling / Heating Capacity	(min-max)	kW	2.05 (0.95-2.80) 2.80 (0.90-4.10)	2.50 (0.95-3.70) 3.20 (0.90-4.40)	3.50 (1.00-4.20) 4.00 (0.90-5.70)	4.20 (1.15-5.10) 5.10 (0.90-6.80)	5.00 (1.15-6.10) 6.00 (0.98-7.70)	5.00 (1.25-6.70) 6.00 (1.10-8.00)	6.00 (1.70-7.50) 7.20 (1.70-9.80)	7.10 (1.70-8.50) 8.00 (1.70-10.60)	8.00 (2.30-9.00) 9.00 (2.20-11.60)
	(min-max)	Btu/h	6,990 (3,240-9,550) 9,550 (3,070-14,000)	8,530 (3,240-12,600) 10,900 (3,070-15,000)	11,900 (3,410-14,300) 13,600 (3,070-19,400)	14,300 (3,920-17,400) 17,400 (3,070-23,200)	17,100 (3,920-20,800) 20,500 (3,340-26,300)	17,100 (4,260-22,800) 20,500 (3,750-27,300)	20,500 (5,800-25,600) 24,600 (5,800-33,400)	24,200 (5,800-29,000) 27,300 (5,800-36,100)	27,300 (7,800-30,700) 30,700 (7,500-39,600)
Air Flow	Indoor	L/s	178/195	188/200	193/202	193/202	208/228	328/328	337/359	352/367	367/377
Dehumid		L/h	1.3	1.5	2.0	2.4	2.8	2.8	3.3	4.1	4.7
Electrical Data	Running Current	A	1.95/2.55	2.50/3.20	3.50/3.80	5.00/5.70	6.50/7.30	5.60/6.10	7.10/7.80	8.80/8.90	11.30/11.40
	Max Current	A	4.8	6.4	7.2	8.9	11.0	10.8	13.2	14.8	15.8
	Power Input (min-max)	kW	0.45 (0.22-0.80) 0.60 (0.19-1.10)	0.57 (0.22-1.20) 0.73 (0.19-1.29)	0.80 (0.22-1.29) 0.86 (0.19-1.65)	1.18 (0.24-1.64) 1.36 (0.20-2.04)	1.51 (0.24-2.10) 1.72 (0.26-2.50)	1.31 (0.23-2.00) 1.42 (0.22-2.25)	1.67 (0.44-2.40) 1.83 (0.40-3.00)	2.06 (0.45-2.90) 2.09 (0.40-3.30)	2.44 (0.46-3.10) 2.46 (0.44-3.60)
AER / EER ACOP / COP	W/W		4.47/4.56 4.60/4.67	4.32/4.39 4.33/4.38	4.33/4.38 4.61/4.65	3.53/3.56 3.73/3.75	3.29/3.31 3.47/3.49	3.79/3.82 4.20/4.23	3.57/3.59 3.92/3.93	3.43/3.45 3.81/3.83	3.26/3.28 3.64/3.66
	Hot Climate	TCSPF HSPF	4.5/5.5 3.5/3.5	4.5/6.0 3.0/3.0	4.5/5.5 3.5/3.5	3.5/4.5 3.0/3.0	3.5/4.5 3.0/3.0	4.5/5.5 3.5/3.5	3.5/4.0 3.5/3.5	3.5/4.5 3.5/3.5	3.5/4.0 3.5/3.5
Star Rating Residential / Commercial	Average Climate	TCSPF HSPF	3.5/5.5 3.0/3.0	4.0/6.5 2.5/3.0	4.0/6.5 3.0/3.5	3.5/5.0 2.5/2.5	4.0/6.5 2.5/2.5	3.5/5.0 3.0/3.0	3.5/5.0 2.5/3.0	3.5/5.0 2.5/3.0	3.5/5.0 2.5/3.0
	Cold Climate	TCSPF HSPF	3.5/6.5 2.5/2.5	4.0/8.0 2.0/2.5	4.5/7.5 2.5/3.0	3.5/6.0 2.0/2.0	3.5/8.0 2.0/2.0	4.5/8.0 2.5/2.5	3.5/6.0 2.0/2.5	3.5/6.0 2.0/2.5	3.5/6.0 2.0/2.5
	Sound Pressure Level** dB(A)	Indoor (H / L / Q-Lo) Outdoor (H / Q-Lo)	38/24/19 39/25/21 46/41 47/42	40/25/19 40/27/21 48/43 49/44	44/26/19 44/29/22 49/44 50/45	44/31/28 44/32/28 49/44 51/46	44/34/28 44/33/29 48/43 49/44	47/34/31 47/33/29 48/43 49/44	48/36/33 48/35/32 53/48 53/48	49/37/34 49/37/34 54/49 54/49	51/38/35 50/38/35 55/50 55/50
Noise Level	Sound Power Level dB(A)	Indoor (H / L / Q-Lo) Outdoor (H / Q-Lo)	54/40/35 55/41/37 61/56 62/57	56/41/35 56/43/37 63/58 64/59	60/42/35 60/45/38 64/59 65/60	60/47/44 60/48/44 64/59 66/61	60/50/44 60/49/45 63/58 64/59	63/50/47 63/49/45 63/58 64/59	64/52/49 64/51/48 67/62 67/62	65/53/50 65/53/50 68/63 68/63	67/54/51 66/54/51 69/64 69/64
	Net Weight	Indoor (Outdoor)	kg	8 [25]	8 [25]	8 [30]	8 [31]	8 [35]	12 [35]	13 [45]	13 [45]
Dimensions	Indoor (H x W x D) Outdoor (H x W x D)	mm	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 542 x 780 x 289	290 x 779 x 209 619 x 824 x 299	290 x 779 x 209 619 x 824 x 299	295 x 1,040 x 244 619 x 824 x 299	295 x 1,040 x 244 695 x 875 x 320	295 x 1,040 x 244 695 x 875 x 320	295 x 1,040 x 244 795 x 875 x 320
	Refrigerator Pipe Diameter	Liquid Side Gas Side	mm/(inch)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 9.52 (3/8)	ø 6.35 (1/4) ø 12.70 (1/2)	ø 6.35 (1/4) ø 12.70 (1/2)	ø 6.35 (1/4) ø 12.70 (1/2)	ø 6.35 (1/4) ø 15.88 (5/8)	ø 6.35 (1/4) ø 15.88 (5/8)
Pipe Extension Length	Min - Max (m)		3-20	3-20	3-20	3-20	3-30	3-30	3-30	3-30	3-30
Maximum Elevation Length	m		15	15	15	15	15	15	20	20	20
Pipe Length For Additional Gas	m		7.5	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0
Additional Gas Amount	g/m		10	10	10	10	15	15	15	25	25
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Operating Range (Outdoor)	Cooling Heating	Degree °C	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24	-10 ~ +46 -15 ~ +24
Refrigerant Type			R32	R32	R32	R32	R32	R32	R32	R32	R32

\*2 Sound pressure level specification is measured according to JIS C9612. Cooling ( ) : Outdoor Unit EER: Cooling Efficiency COP: Heating Efficiency

## SPECIFICATIONS & FEATURES

- Products in this brochure contain R32 refrigerant. Please refer to Panasonic's installation instructions and service manuals before installation and servicing this product.
- Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so.
- The purchaser must ensure that the person and/or company who is to install, service or repair this air conditioner has qualifications and experience in refrigerant products.
- Suitable access for warranty and service is required.
- Future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.
- All the specifications except star rating are based on average climate.

## ALL CAPACITY AND ENERGY EFFICIENCY RATINGS ARE BASED ON AS/NZS3823.1.1

COOLING	Indoor temperature	27°C DB/19°C WB
	Outdoor temperature	35°C DB
HEATING	Indoor temperature	20°C DB
	Outdoor temperature	7°C DB / 6°C WB

Running current is at rated conditions [AS3823] and does not include compressor start-up or variations in power supply and load conditions.

**WALL-MOUNTED** DEVELOPER RZ SERIES Single -Split Type **NEW**



CS-RZ25XKRW | CS-RZ35XKRW | CS-RZ42XKRW | CS-RZ50XKRW



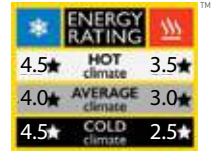
Wireless (Standard)



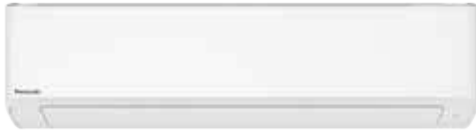
Wired CZ-RD514C (Optional)



Network Adaptor CZ-TACG1 (Optional)



\*Star rating: CS-RZ35XKRW (Residential)



CS-RZ60XKRW | CS-RZ71XKRW | CS-RZ80XKR



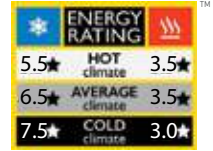
Wireless (Standard)



Wired CZ-RD514C (Optional)



Network Adaptor CZ-TACG1 (Optional)



\*Star rating: CS-RZ35XKRW (Commercial)



ANTI-BACTERIAL FILTER

AEROWINGS

INVERTER

ECO+AI

MODEL	INDOOR UNIT (240V / 1 Phase / 50Hz)		CS-RZ25XKRW	CS-RZ35XKRW	CS-RZ42XKRW	CS-RZ50XKRW	CS-RZ60XKRW	CS-RZ71XKRW	CS-RZ80XKR	
	OUTDOOR UNIT		CU-RZ25XKR	CU-RZ35XKR	CU-RZ42XKR	CU-RZ50XKR	CU-RZ60XKR	CU-RZ71XKR	CU-RZ80XKR	
Cooling / Heating Capacity	(min-max)	kW	2.50 (0.95-3.70) 3.00 (0.90-4.40)	3.50 (1.00-4.20) 4.00 (0.90-5.70)	4.20 (1.15-5.10) 5.10 (0.90-6.80)	5.00 (1.15-6.10) 6.00 (0.98-7.70)	6.00 (1.25-6.90) 6.50 (0.98-8.20)	7.10 (1.70-8.50) 8.00 (1.70-10.60)	8.00 (2.30-9.00) 9.00 (2.20-11.60)	
	(min-max)	Btu/h	8,530 (3,240-12,600) 10,200 (3,070-15,000)	11,900 (3,410-14,300) 13,600 (3,070-19,400)	14,300 (3,920-17,400) 17,400 (3,070-23,200)	17,100 (3,920-20,800) 20,500 (3,340-26,300)	20,500 (4,260-23,500) 22,200 (3,340-28,000)	24,200 (5,800-29,000) 27,300 (5,800-36,100)	27,300 (7,840-30,700) 30,700 (7,500-39,600)	
Air Flow	Indoor	L/s	188/200	193/202	193/202	208/228	328/339	352/367	367/377	
Dehumid		L/h	1.5	2.0	2.4	2.8	3.3	4.1	4.7	
Electrical Data	Running Current	A	2.50/2.80	3.50/3.80	5.00/5.70	6.50/7.30	7.90/8.00	8.80/8.90	11.30/11.40	
	Max Current	A	6.4	7.2	8.9	11.0	11.6	14.8	15.8	
	Power Input (min-max)	kW	0.57 (0.22-1.20) 0.64 (0.19-1.29)	0.80 (0.22-1.29) 0.86 (0.19-1.65)	1.18 (0.24-1.64) 1.36 (0.20-2.04)	1.51 (0.24-2.10) 1.72 (0.26-2.50)	1.85 (0.35-2.20) 1.89 (0.26-2.64)	2.06 (0.45-2.90) 2.09 (0.40-3.30)	2.44 (0.46-3.10) 2.46 (0.44-3.60)	
Star Rating Residential/Commercial	AER / EER ACOP / COP	W/W	4.32/4.39 4.63/4.69	4.33/4.38 4.61/4.65	3.53/3.56 3.73/3.75	3.29/3.31 3.47/3.49	3.23/3.24 3.42/3.44	3.43/3.45 3.81/3.83	3.26/3.28 3.64/3.66	
		Hot Climate	TCSPP HSPF	4.5/6.0 3.5/3.5	4.5/5.5 3.5/3.5	3.5/4.5 3.0/3.0	3.5/4.5 3.0/3.0	3.5/4.5 3.5/3.5	3.5/4.0 3.5/3.5	
		Average Climate	TCSPP HSPF	4.0/6.5 3.0/3.0	4.0/6.5 3.0/3.5	3.5/5.0 2.5/2.5	3.5/6.0 2.5/2.5	3.5/5.5 3.0/3.0	3.5/5.0 2.5/3.0	3.5/5.0 2.5/3.0
		Cold Climate	TCSPP HSPF	4.0/8.0 2.5/2.5	4.5/7.5 2.5/3.0	3.5/6.0 2.0/2.0	3.5/8.0 2.0/2.0	3.5/7.0 2.0/2.5	3.5/6.0 2.0/2.5	3.5/6.0 2.0/2.5
Noise Level	Sound Pressure Level <sup>1,2</sup> dB(A)	Indoor (H / L / Q-Lo)	40/25/19 40/27/21	44/26/19 44/29/22	44/31/28 44/32/28	44/34/28 44/33/29	47/36/33 48/36/33	49/37/34 49/37/34	51/38/35 50/38/35	
		Outdoor (H / Q-Lo)	48/43 49/44	49/44 50/45	49/44 51/46	48/43 49/44	49/44 51/46	54/49 54/49	55/50 55/50	
	Sound Power Level dB(A)	Indoor (H / L / Q-Lo)	56/41/35 56/43/37	60/42/35 60/45/38	60/47/44 60/48/44	60/50/44 60/49/45	63/52/49 64/52/49	65/53/50 65/53/50	67/54/51 66/54/51	
		Outdoor (H / Q-Lo)	63/58 64/59	64/59 65/60	64/59 66/61	63/58 64/59	64/59 66/61	68/63 68/63	69/64 69/64	
Net Weight	Indoor (Outdoor)	kg	8 (25)	8 (30)	8 (31)	8 (35)	12 (35)	13 (45)	13 (60)	
Dimensions	Indoor (H x W x D)	mm	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	295 x 1,040 x 244	295 x 1,040 x 244	295 x 1,040 x 244	
	Outdoor (H x W x D)	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	795 x 875 x 320	
Refrigerator Pipe Diameter	Liquid Side	mm/(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	
	Gas Side	mm/(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)	ø 12.70 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)	
Pipe Extension Length	Min - Max	(m)	3-20	3-20	3-20	3-30	3-30	3-30	3-30	
Maximum Elevation Length		m	15	15	15	15	15	20	20	
Pipe Length For Additional Gas		m	7.5	7.5	7.5	10.0	10.0	10.0	10.0	
Additional Gas Amount		g/m	10	10	10	15	15	25	25	
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	
Operating Range (Outdoor)	Cooling Heating	Degree °C	-10 - +46 -15 - +24	-10 - +46 -15 - +24	-10 - +46 -15 - +24	+10 - +46 -15 - +24	-10 - +46 -15 - +24	-10 - +46 -15 - +24	-10 - +46 -15 - +24	
Refrigerant Type			R32	R32	R32	R32	R32	R32	R32	

<sup>1</sup> Indoor temperature display and some special function are not available through the App for all models.

<sup>2</sup> Sound pressure level specification is measured according to JIS C9612.

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

**SPECIFICATIONS & FEATURES**

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- Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so.
- The purchaser must ensure that the person and/or company who is to install, service or repair this air conditioner has qualifications and experience in refrigerant products.
- Suitable access for warranty and service is required.
- Future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.
- All the specifications except star rating are based on average climate.

**ALL CAPACITY AND ENERGY EFFICIENCY RATINGS ARE BASED ON AS/NZS3823.1.1**

COOLING	Indoor temperature Outdoor temperature	27°C DB/19°C WB 35°C DB
HEATING	Indoor temperature Outdoor temperature	20°C DB 7°C DB / 6°C WB

Running current is at rated conditions [AS3823] and does not include compressor start-up or variations in power supply and load conditions.