

Panasonic
heating & cooling solutions

Aero Series
AKR

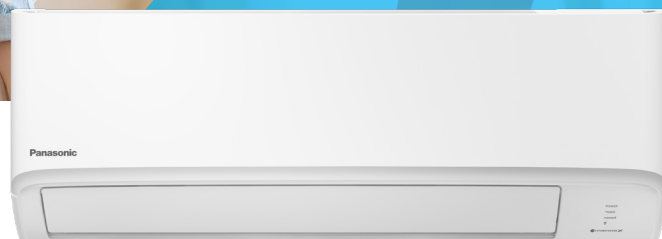


WWW.HRV.CO.NZ | 0800 478 123



AERO SERIES AKR

Heat, Cool and Purify Your Air



nanoeX
AIR PURIFICATION



Our Aero Series heat pumps use our exclusive nanoe™X technology that actively fights pollutants in the air and on surfaces to effectively inhibit bacteria, viruses and other pollutants such as mould, allergens and strong odours.

In addition, Aero Series heat pumps feature built-in Wi-Fi, voice control and app connectivity.

QUALITY AIR FOR LIFE

Scan to find
out more about
nanoe™X



ENERGY EFFICIENT

UP TO
20%
ENERGY
SAVING*



Comfort with Energy Efficiency

Panasonic ECO Mode with A.I. will monitor the room condition and amount of heat generated at the time and adjust its settings accordingly to maximise energy savings while providing consistent comfort.

AI ECO

*3 Comparison of ECO Mode & normal mode by using 3.5kW INVERTER model.

Panasonic air conditioners feature Inverter DC motors to offer:



Great Energy Savings



Better Comfort



Quiet Operation

INVERTER

BUILT-IN WI-FI

With the built-in Wi-Fi connectable to Panasonic Comfort Cloud App, conveniently control and monitor all air conditioning units remotely anytime, anywhere.



SMART CONTROL
Connect to multiple units in multiple locations

SMART EFFICIENCY
Monitor and compare energy consumption

SMART ASSIST
Receive error notifications

SMART COMFORT
Remotely access all AC features

*Google and Google Home are trademarks of Google LLC.

WALL-MOUNTED

AERO Z SERIES Single Split Air Conditioner



CS-Z20AKRW | CS-Z25AKRW-1 |
CS-Z35AKRW | CS-Z42AKRW |
CS-Z50AKRW



CS-Z50AKRW-1 | CS-Z60AKRW-1 |
CS-Z71AKRW | CS-Z80YKR



CS-Z95AKR

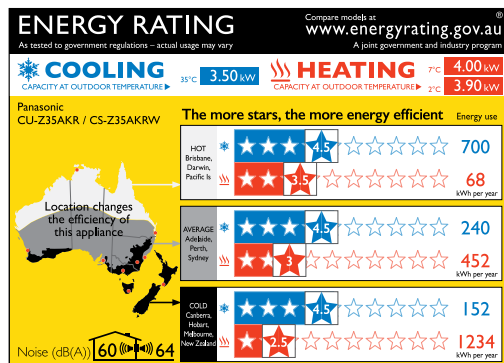


Standard



Wired

CZ-RD517C (Optional)



MODEL		INDOOR UNIT (240V / 1 Phase / 50Hz)	CS-Z20AKRW	CS-Z25AKRW-1	CS-Z35AKRW	CS-Z42AKRW	CS-Z50AKRW	CS-Z50AKRW-1	CS-Z60AKRW-1	CS-Z71AKRW	CS-Z80YKR	CS-Z95AKR
		OUTDOOR UNIT	CU-Z20AKR	CU-Z25AKR-1	CU-Z35AKR	CU-Z42AKR	CU-Z50AKR	CU-Z50AKR-1	CU-Z60AKR-1	CU-Z71AKR	CU-Z80YKR	CU-Z95AKR
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) 5.00 (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)	9.50 (2.80-11.20) 10.30 (2.40-12.30)
	(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) 17,100 (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 (5,800-25,400) 24,600 (5,800-33,400)	24,200 (5,800-29,000) 27,300 (5,800-36,100)	27,300 (7,840-30,700) 30,700 (7,500-39,600)	32,400 (9,550-38,200) 35,100 (8,180-41,900)
Air Flow	Indoor	L/s	178/195	188/200	193/202	193/202	208/228	328/328	337/359	352/367	367/377	407/420
Dehumid		L/h	1.3	1.5	2.0	2.4	2.8	2.8	3.3	4.1	4.7	5.0
Electrical Data	Running Current	A	2.00/2.70	2.55/3.20	3.60/3.85	5.00/5.45	6.50/7.30	5.60/6.10	7.10/7.80	8.80/8.90	10.10/7.80	12.00/11.70
	Max Current	A	4.8	6.3	7.2	8.9	11.0	10.8	13.2	14.8	15.0	16.6
	Power Input (min-max)	kW	0.45 (0.20-0.80) 0.60 (0.19-1.10)	0.58 (0.20-1.20) 0.73 (0.19-1.29)	0.82 (0.21-1.29) 0.87 (0.19-1.65)	1.18 (0.22-1.64) 1.30 (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)	2.39 (0.44-3.03) 2.34 (0.43-3.42)	2.84 (0.50-3.50) 2.78 (0.44-3.50)
AEER / EER ACOP / COP		W/W	4.47/4.56 4.60/4.67	4.28/4.31 4.33/4.38	4.22/4.27 4.55/4.60	3.53/3.56 3.82/3.85	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	3.34/3.35 3.83/3.85	3.33/3.35 3.69/3.71
Star Rating Residential / Commercial	Hot Climate	TCSPF HSPF	4.5/5.5 3.5/3.5	4.5/5.5 3.5/3.5	4.5/5.5 3.5/3.5	3.5/4.5 3.5/3.5	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	3.5/4.5 3.5/3.5	3.5/4.0 3.0/3.5
	Average Climate	TCSPF HSPF	3.5/5.5 3.0/3.0	4.0/6.0 3.0/3.0	4.5/6.5 3.0/3.5	3.5/5.0 2.5/3.0	3.5/6.0 2.5/2.5	4.0/6.5 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	3.0/4.5 2.5/3.0
	Cold Climate	TCSPF HSPF	3.5/6.5 2.5/2.5	4.0/7.0 2.5/2.5	4.5/8.0 2.5/3.0	3.5/6.0 2.0/2.5	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	3.5/5.5 2.5/3.0
Noise Level	Sound Pressure Level* dB(A)	Indoor (H / L / O-L)	38/24/19 39/25/21	40/25/19 40/27/21	44/26/19 44/29/22	44/31/28 44/32/28	44/34/28 44/33/29	47/34/31 47/33/29	48/36/33 48/35/32	49/37/34 49/37/34	51/38/35 50/38/35	53/40/38 52/40/35
		Outdoor (H / O-L)	46/41 47/42	48/43 49/44	49/44 50/45	49/44 51/46	48/43 49/44	48/43 49/44	53/48 53/48	54/49 54/49	55/50 55/50	55/50 55/50
	Sound Power Level dB(A)	Indoor (H / L / O-L)	54/40/35 55/41/37	56/41/35 56/43/37	60/42/35 60/45/38	60/47/44 60/48/44	60/50/44 60/49/45	63/50/47 63/49/45	64/52/49 64/51/48	65/53/50 65/53/50	67/54/51 66/54/51	69/56/54 68/56/51
Net Weight	Outdoor (H / O-L)	kg	61/56 62/57	63/58 64/59	64/59 65/60	64/59 66/61	63/58 64/59	63/58 64/59	67/62 67/62	68/63 68/63	69/64 69/64	69/64 69/64
		kg	8 (25)	8 (25)	8 (31)	8 (31)	8 (35)	12 (35)	13 (45)	13 (45)	13 (51)	17 (55)
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	290 x 779 x 209	295 x 1,040 x 244	295 x 1,040 x 244	295 x 1,040 x 244	295 x 1,040 x 244	309 x 1,212 x 269
	Outdoor (H x W x D)	mm	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320	795 x 875 x 320	795 x 875 x 320
Refrigerant 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)	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 9.52 (3/8)	ø 12.70 (1/2)	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)	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	3-30
Maximum Elevation Length	m		15	15	15	15	15	15	20	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	10.0
Additional Gas Amount	g/m		10	10	10	10	15	15	15	25	25	25
Power Supply			Outdoor	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	-10 - +46 -15 - +24
Refrigerant Type			R32	R32	R32	R32	R32	R32	R32	R32	R32	R32

*Sound pressure level specification is measured according to JIS C9612.

Cooling | Heating | Outdoor Unit | EER: Cooling Efficiency | COP: Heating Efficiency

OUTDOOR



CU-Z20AKR
CU-Z25AKR-1
CU-Z35AKR
CU-Z42AKR



CU-Z50AKR
CU-Z50AKR-1



CU-Z60AKR-1
CU-Z71AKR



CU-Z80YKR
CU-Z95AKR

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EXPERT SERVICING

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YOUR IN-HOME EXPERT

NAME

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