

SPECIFICATIONS

INDOOR UNIT

MODEL		WALL-MOUNTED (Z SERIES WITH nanoe™ X AND BUILT-IN Wi-Fi)						
		CS-Z25AKRW	CS-Z35AKRW	CS-Z42AKRW	CS-Z50AKRW	CS-Z60AKRW	CS-Z71AKRW	
Capacity	kW	2.5	3.5	4.2	5.0	6.0	7.1	
Power Source		Single Phase 240V, 50Hz						
Sound Pressure Level (H/L/Q-Lo)	Cooling	dB(A)	42/27/21	46/28/21	46/33/30	46/36/30	49/38/35	51/39/36
	Heating	dB(A)	42/29/23	46/31/24	46/34/30	46/36/30*	50/38/35	51/39/36
Sound Power Level (H/L/Q-Lo)	Cooling	dB(A)	58/43/37	62/44/37	62/49/46	62/52/46	65/54/51	67/55/52
	Heating	dB(A)	58/45/39	62/47/40	62/50/46	62/52/46*	66/54/51	67/55/52
Airflow	Cooling/Heating	L/s	188/200	193/202	193/202	208/228	328/339	352/367
Dimensions	Height	mm	290	290	290	290	295	295
	Width	mm	779	779	779	779	1,040	1,040
	Depth	mm	209	209	209	209	244	244
Net Weight	kg	8	8	8	8	12	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
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52*1	ø 9.52*1	ø 12.70*2	ø 12.70*2*3

*For connection to CU-2252VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

MODEL		WALL-MOUNTED (RZ SERIES)							
		CS-MRZ20WKR	CS-RZ25AKRW	CS-RZ35AKRW	CS-RZ42AKRW	CS-RZ50AKRW	CS-RZ60AKRW	CS-RZ71AKRW	
Capacity	kW	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/Q-Lo)	Cooling	dB(A)	42/27/24	42/27/21	46/28/21	46/33/30	46/36/30	49/38/35	51/39/36
	Heating	dB(A)	42/29/26	42/29/23	46/31/24	46/34/30	46/36/30*	50/38/35	51/39/36
Sound Power Level (H/L/Q-Lo)	Cooling	dB(A)	58/43/40	58/43/37	62/44/37	62/49/46	62/52/46	65/54/51	67/55/52
	Heating	dB(A)	58/45/42	58/45/39	62/47/40	62/50/46	62/52/46*	66/54/51	67/55/52
Airflow	Cooling/Heating	L/s	188/198	188/200	193/202	193/202	208/228	328/339	352/367
Dimensions	Height	mm	290	290	290	290	290	295	295
	Width	mm	779	779	779	779	779	1,040	1,040
	Depth	mm	209	209	209	209	209	244	244
Net Weight	kg	8	8	8	8	8	12	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
	Gas Side	mm	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

*For connection to CU-2252VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

MODEL		MINI CASSETTE WITH nanoe™ X				
		S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E	
Capacity	kW	2.5	3.5	5.0	6.0	
Power Source		Single Phase 240V, 50Hz				
Sound Pressure Level (H/L)	Cooling	dB(A)	33/27	36/27	41/29	45/33
	Heating	dB(A)	33/27	36/27	41/29	45/33
Sound Power Level (H)	Cooling	dB(A)	48	51	56	60
	Heating	dB(A)	48	51	56	60
Airflow	Cooling/Heating	L/s	142/142	158/158	200/200	233/233
Dimensions	Height	mm	243	243	243	243
	Width	mm	575	575	575	575
	Depth	mm	575	575	575	575
Net Weight	kg	15	15	15	15	
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52*1	ø 9.52*1	ø 9.52*1	ø 12.70*2

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".

*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".

*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".

SPECIFICATIONS

INDOOR UNIT

MODEL			ULTRA SLIM DUCTED				FLOOR CONSOLE WITH nanoe™ X		
			CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW	CS-Z25UFRAW	CS-Z35UFRAW	CS-Z50UFRAW
Capacity	kW		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	40/27	41/28	46/33
	Heating		36/29	37/29	41/32	43/34	40/27	41/27	48/35
Sound Power Level (H)	Cooling	dB(A)	51	51	57	59	56	57	62
	Heating		52	53	57	59	56	57	64
Airflow	Cooling/Heating	L/s	175/175	187/187	255/255	262/262	163/173	170/182	198/227
Dimensions	Height	mm	200	200	200	200	600	600	600
	Width	mm	750	750	750	750	750	750	750
	Depth	mm	640	640	640	640	207	207	207
Net Weight	kg	19	19	19	19	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
	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

OUTDOOR UNIT

MODEL			(50Hz)	CU-Z252VBR	CU-3Z54VBR	CU-4Z71VBR	CU-4Z80VBR	CU-5Z100VBR
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		kW	7.7	9.5	11.5	14.7	18.3	
Maximum Connectable Indoors		Units	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	(°C)	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46	
	Heating	(°C)	-15~+24**	-15~+24**	-15~+24**	-15~+24**	-15~+24**	

** Additional Gas might be required for some models, refer to technical manual for details.

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