

Specifications

R32 Compact Model



Indoor Unit

Hidden in your ceiling



6.0kW
S-60PE3R



7.1kW – 10.0kW
S-71PE3R / S-100PE3R



12.5kW – 14.0kW
S-125PE3R / S-140PE3R

Outdoor Unit

Sits outside your home



6.0kW – 7.1kW
U-60PZ3R5 / U-71PZ3R5



10.0kW – 14.0kW
U-100PZ3R5 / U-100PZ3R8*/ U-125PZ3R5
U-125PZ3R8*/ U-140PZ3R5 / U-140PZ3R8*1

*1 3-Phase

Optional Controller

Variety of options, easy to use



CZ-RTC6WBL*2 / CZ-RTC6WBLW*2
CONEX High-Spec.

This wired remote controller offer IoT integration that connects directly to a variety of apps.



CZ-RTC6WZ*5
CONEX Zone Controller

This remote controller can manage up to 8 zones of air conditioning.



CZ-RTC5B
Deluxe Wired Remote Controller

This optional backlit LED large controller can be installed in your bed room so you can change the temperature during the night without turning on the light.



CZ-RTC4
Wired Remote Controller

The wall control with its large LCD display gives you full operational access and can be easily customised to suit your unique requirements.



CZ-RWS3 + CZ-RWRC3
Wireless Remote Controller

This wireless remote controller gives you the convenience to operate the unit from anywhere in the room.



PAC Smart Connectivity
SER8150

Fully customisable and Building Management System ready wall controller.



CZ-CAPWFC1
Network Adaptor

Anywhere, anytime control and monitoring multiple air conditioning units.



Capacity			6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	
Model Name	Indoor Unit		S-60PE3R	S-71PE3R	S-100PE3R	S-125PE3R	S-140PE3R	
	Outdoor Unit		U-60PZ3R5	U-71PZ3R5	U-100PZ3R5	U-125PZ3R5	U-140PZ3R8	
Cooling capacity :		kW	6.0 (2.0 - 7.1)	7.1 (2.6 - 7.7)	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)	
			6.0 (1.8 - 7.0)	7.1 (2.1 - 8.1)	10.0 (3.0 - 14.0)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)	
Heating capacity		BTU/h	20,500 (6,800 - 24,200)	24,200 (8,900 - 26,300)	34,100 (10,200 - 39,200)	42,700 (10,900 - 46,100)	47,800 (11,300 - 51,200)	
			20,500 (6,100 - 23,900)	24,200 (7,200 - 27,600)	34,100 (10,200 - 47,800)	42,700 (11,300 - 51,200)	47,800 (11,600 - 54,600)	
EER : COP		W/W	3.26 : 4.08	3.21 : 4.25	3.58 : 4.08	3.55 : 4.03	3.25 : 3.76	
COP@H2 condition		W/W	3.00	3.11	2.88	2.56	2.68	
Total power input	Residential	Cooling : Heating	1.84 : 1.47	2.21 : 1.67	2.79 : 2.45	3.52 : 3.10	4.31 : 3.72	
		Hot Climate	3.98 : 3.95	3.96 : 4.05	4.64 : 3.95	4.60 : 3.93	4.27 : 3.79	
		Average Climate	3.56 : 3.88	3.59 : 4.00	4.17 : 3.81	4.16 : 3.79	3.92 : 3.64	
	Commercial	Cold Climate	3.58 : 3.59	3.63 : 3.70	4.23 : 3.55	4.26 : 3.47	4.03 : 3.34	
		Hot Climate	4.25 : 3.83	4.22 : 3.91	4.99 : 3.90	4.96 : 3.84	4.56 : 3.70	
		Average Climate	4.16 : 3.74	4.19 : 3.83	4.98 : 3.80	4.88 : 3.73	4.53 : 3.58	
		Cold Climate	4.38 : 3.58	4.41 : 3.67	5.28 : 3.61	5.20 : 3.52	4.81 : 3.40	
		Indoor Unit						
		Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V		
Dimensions	H × W × D	mm	290 x 1,200 x 700	360 x 1,200 x 700	360 x 1,200 x 700	430 x 1,200 x 700		
Net weight	Indoor / Panel	kg	31	36	37	41		
Air volume (H/M/L)	Cooling : Heating	L/s	367 / 334 / 267 : 367 / 334 / 267	501 / 434 / 367 : 501 / 434 / 367	668 / 584 / 484 : 668 / 584 / 484	835 / 748 / 601 : 835 / 748 / 601	1,002 / 835 / 701 : 1,002 / 835 / 701	
External static pressure		Pa	70 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (50 - 150**)	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	43 / 41 / 40 : 43 / 41 / 40	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	
Sound power level (H/M/L)	Cooling : Heating	dB	60 / 58 / 57 : 60 / 58 / 57	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	
Number of fan speeds			3	3	3	3	3	
Drain piping		mm	VP-25	VP-25	VP-25	VP-25	VP-25	
Outdoor Unit								
Power source		Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	
		V	230V 240V	230V 240V	230V 240V	400V 415V	230V 240V	
Current (rated)	Cooling : Heating	A	8.50 : 6.85 : 8.15 : 6.60	10.3 : 8.00 : 9.90 : 7.65	13.9 : 12.4 : 13.4 : 11.9	17.0 : 15.0 : 16.3 : 14.4	19.7 : 17.0 : 18.9 : 16.3	
Dimensions	H × W × D	mm	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net weight		kg	43	50	83	87	87	
Air volume	Cooling : Heating	L/s	701 : 701	746 : 766	1,219 : 1,219	1,369 : 1,336	1,402 : 1,369	
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	48 (46) : 49 (47)	49 (47) : 49 (47)	52 (50) : 52 (50)	55 (53) : 55 (53)	56 (54) : 56 (54)	
Sound power level (Silent mode)	Cooling : Heating	dB	66 (64) : 67 (65)	67 (65) : 67 (65)	70 (68) : 70 (68)	73 (71) : 73 (71)	74 (72) : 74 (72)	
Piping connections	Liquid / Gas	mm	Ø6.35 / Ø12.7**	Ø6.35 / Ø15.88**	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m	3 - 40	3 - 40	5 - 50	5 - 50	5 - 50	
Elevation difference (OU located lower, OU located higher)		m	15, 30	15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length		m	30	30	30	30	30	
Refrigerant at shipping, Additional gas amount		g	R32 1,130 / 15 (g/m)	R32 1,320 / 17 (g/m)	R32 2,400 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	
Operating range	Cooling : Heating	°C	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	

Notes:

- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in [L/s], the value in [m³/min.] shall be multiplied by 16.7 and rounded down the decimal point.
- AER and ACOF classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- *6 Not adjustable, refer to "Indoor Fan Performance" section of technical data.
- *7 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.
- *8 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.