Panasonic

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Product information

Technical documents
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PACKAGED AIR CONDITIONERS
NX SERIES 2022/2023



nanoe™X INVERTER Panasonic R32 REFRIGERANT

QUALITY AIR FOR LIFE

CEILING EXPOSED

- Slim design with a thickness of only 235 mm.
- Compact looking, stylish, one-motion design.
- Comfortable, long-distance airflow distribution.



(Accessory)



(Optional Wired Remote Controller)



CZ-RTC5B



CZ-RTC4



CZ-RTC6
CZ-RTC6BL [BLE]
CZ-RTC6BLW [BLE&WLAN]



CZ-CAPWFC1

[Optional]
If not use CZ-RTC6BLW, the adaptor also can be used.

nanoe™X Generator Mark2

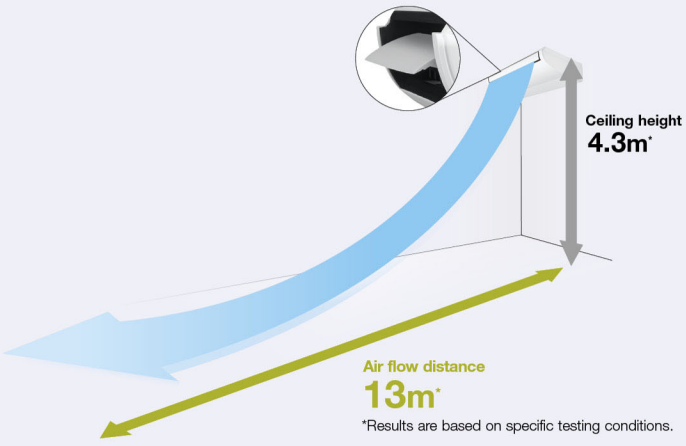
R32 REFRIGERANT

Capacity [Btu/h(Phase)]			18,100	24,000	30,000	36,200	36,200 (3)	42,000	42,000 (3)	48,100	48,100(3)
Power Source		V/Phase Hz	220V, 1ØPhase - 50Hz				380V, 3ØPhase - 50Hz	220V, 1ØPhase - 50Hz	380V, 3ØPhase - 50Hz	220V, 1ØPhase - 50Hz	380V, 3ØPhase - 50Hz
Indoor Unit			S-18PT3T	S-24PT3T	S-30PT3T	S-3648PT3T	S-3648PT3T	S-3648PT3T	S-3648PT3T	S-3648PT3T	S-3648PT3T
Outdoor Unit			U-18PRH1T5	U-24PRH1T5	U-30PRH1T5	U-36PRH1T5	U-36PRH1T8	U-42PRH1T5	U-42PRH1T8	U-48PRH1T5	U-48PRH1T8
Cooling Capacity: Rated (Min-Max)		kW	5.30 (1.80-6.00)	7.00 (1.80-8.00)	8.80 (2.00-10.00)	10.60 (3.80-11.20)	10.60 (3.80-11.20)	12.30 (3.80-14.00)	12.30 (3.80-14.00)	14.10 (5.30-15.50)	14.10 (5.30-15.50)
		Btu/h	18,100 (6,140-20,500)	24,000 (6,140-27,300)	30,000 (6,820-34,100)	36,200 (13,000-38,200)	36,200 (13,000-38,200)	42,000 (13,000-47,800)	42,000 (13,000-47,800)	48,100 (18,100-52,900)	48,100 (18,100-52,900)
Current: Rated (Max)		A	5.8 (9.1)	7.9 (12.0)	10.8 (15.5)	14.1 (25.5)	4.7 (9.5)	19.2 (26.0)	6.4 (10.5)	24.0 (28.0)	7.9 (11.5)
Power Input: Rated (Min-Max)		kW	1.21 (0.27-1.43)	1.70 (0.25-2.15)	2.32 (0.26-2.79)	2.86 (0.68-3.04)	2.86 (0.65-3.04)	3.89 (0.68-4.45)	3.89 (0.68-4.45)	4.86 (0.94-5.37)	4.86 (0.94-5.37)
COP/EER		W/W	4.38	4.12	3.79	3.71	3.71	3.16	3.16	2.90	2.90
		W/W	14.96	14.12	12.93	12.66	12.66	10.8	10.8	9.90	9.90
SEER		Btu/hW	23.82	23.41	21.77	19.99	19.93	19.40	19.50	18.40	18.40
Indoor Unit											
Air Volume		m³/min	15.0	21.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
		cfm	530	740	1,235	1,235	1,235	1,235	1,235	1,235	1,235
Sound Pressure Level (Hi/Lo)		dB (A)	38 / 29	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38
Sound Power Level (Hi/Lo)		dB (A)	56 / 47	58 / 50	64 / 56	64 / 56	64 / 56	64 / 56	64 / 56	64 / 56	64 / 56
Dimension	Indoor (H×W×D)	mm	235 x 960 x 690	235 x 1,275 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690
Net Weight		kg	26	34	40	40	40	40	40	40	40
Outdoor Unit											
Sound Pressure Level		dB (A)	50	53	53	54	54	57	57	58	58
Sound Power Level		dB (A)	69	72	72	73	73	76	76	77	77
Dimension	Outdoor (H×W×D)	mm	695 x 875 x 320	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	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net Weight		kg	39	39	39	69	67	69	67	75	73
Piping Connection	Gas Pipe	mm (inch)	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Liquid Pipe	mm (inch)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Pipe Length	Min-Max	m	5-50	5-50	5-50	5-50	5-50	5-50	5-50	5-50	5-50
Elevation Difference		m	30	30	30	30	30	30	30	30	30
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	30	30	30
Additional Gas		g/m	15	25	25	25	25	25	25	25	25
Operation Range, Outdoor	Min-Max	°C	16-52	16-52	16-52	16-52	16-52	16-52	16-52	16-52	16-52

Advantages of Ceiling Exposed

Comfortable, Long-distance Airflow Distribution

The shape of the outlet has been optimised to provide long-distance air flow distribution.
Even in long rooms, air flow reaches every corner for exceptionally comfortable air conditioning.



*Results are based on specific testing conditions.

Remote Controller Information

Wireless Remote Controller

* For 4-Way Cassette & Ceiling Exposed







Wired Remote Controller



CZ-RTC5B



CZ-RTC4



CZ-RTC6
CZ-RTC6BL
CZ-RTC6BLW