

DELUXE 4-WAY CASSETTE

- With the further advanced air purification technology of nanoe™ X Generator Mark 3.
- Powerful industry-leading, 360° wide, comfortable airflow.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



Panel: CZ-KPU3H

(Accessory): CZ-RTC5B, CZ-RTC4

(Optional Wired Remote Controller): CZ-RTC6, CZ-RTC6BL [BLE], CZ-RTC6BLW [BLE&WLAN]

[Optional Adaptor]: CZ-CAPWFC1

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

nanoe™ X Generator Mark3

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Specifications of R32 DELUXE Series R32

Capacity [Btu/h(Phase)]		17,100	20,500	24,200	34,100	42,700	42,700(3)	47,800	47,800(3)	
Power Source	V/Phase Hz	220-240V, 10 Phase - 50Hz				380-415V, 30 Phase - 50Hz		220-240V, 10 Phase - 50Hz		380-415V, 30 Phase - 50Hz
Indoor Unit		S-1821PU3HA	S-1821PU3HA	S-2430PU3HA	S-3448PU3HA	S-3448PU3HA	S-3448PU3HA	S-3448PU3HA	S-3448PU3HA	
Outdoor Unit		U-18PRH1H5	U-21PRH1H5	U-24PRH1H5	U-34PRH1H5	U-43PRH1H5	U-43PRH1H8	U-48PRH1H5	U-48PRH1H8	
Panel		CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	
Cooling Capacity: Rated [Min-Max]	kW	5.00 [2.00-6.00]	6.00 [2.00-6.30]	7.10 [2.10-8.00]	10.00 [3.80-11.20]	12.50 [3.80-14.00]	12.50 [3.80-14.00]	14.00 [5.30-15.50]	14.00 [5.30-15.50]	
	Btu/h	17,100 [6,820-20,500]	20,500 [6,820-21,500]	24,200 [7,170-27,300]	34,100 [13,000-38,200]	42,700 [13,000-47,800]	42,700 [13,000-47,800]	47,800 [18,100-52,900]	47,800 [18,100-52,900]	
Current: Rated [Max]	A	4.3-4.1 [9.1]	6.0-5.6 [11.0]	7.3-6.7 [12.0]	11.6-10.6 [25.5]	16.9-15.5 [26.0]	5.6-5.1 [10.5]	20.3-18.6 [28.0]	6.7-6.1 [11.5]	
Power Input: Rated [Min-Max]	kW	0.90 [0.26-1.35]	1.27 [0.26-1.65]	1.57 [0.28-2.25]	2.35 [0.62-3.00]	3.42 [0.63-4.10]	3.42 [0.63-4.10]	4.10 [0.96-4.90]	4.10 [0.96-4.90]	
CSPF		7.50	7.10	6.80	6.60	6.30	6.30	5.70	5.70	
COP/EER	W/W	5.56	4.72	4.52	4.26	3.65	3.65	3.41	3.41	
	Btu/hW	19.00	16.14	15.41	14.51	12.49	12.49	11.66	11.66	
Indoor Unit										
Air Volume	m³/min	25.0	25.0	25.0	36.4	36.4	36.4	36.4	36.4	
	cfm	882	882	882	1,285	1,285	1,285	1,285	1,285	
Sound Pressure Level [Hi/L0]	dB [A]	42 / 35	42 / 35	42 / 35	47 / 41	47 / 41	47 / 41	47 / 41	47 / 41	
Sound Power Level [Hi/L0]	dB	57 / 50	57 / 50	57 / 50	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	
Dimension	Indoor [HxWxD]	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	
	Panel [HxWxD]	mm	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	
Net Weight	Indoor	kg	21	21	24	24	24	24	24	
	Panel	kg	5	5	5	5	5	5	5	
Outdoor Unit										
Sound Pressure Level	dB [A]	50	51	53	54	57	57	58	58	
Sound Power Level	dB	69	70	72	73	76	76	77	77	
Dimension	Outdoor [HxWxD]	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	
Net Weight		kg	39	39	39	69	69	75	73	
Piping Connection	Gas Pipe	mm (inch)	12.70 [1/2]	12.70 [1/2]	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]	6.35 [1/4]	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	
Elevation Difference		m	30	30	30	30	30	30	30	
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	30	
Additional Gas	g/m		15	15	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	

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

What's New of nanoe™ X Generator Mark 3

48 Trillion Hydroxyl Radicals Generated

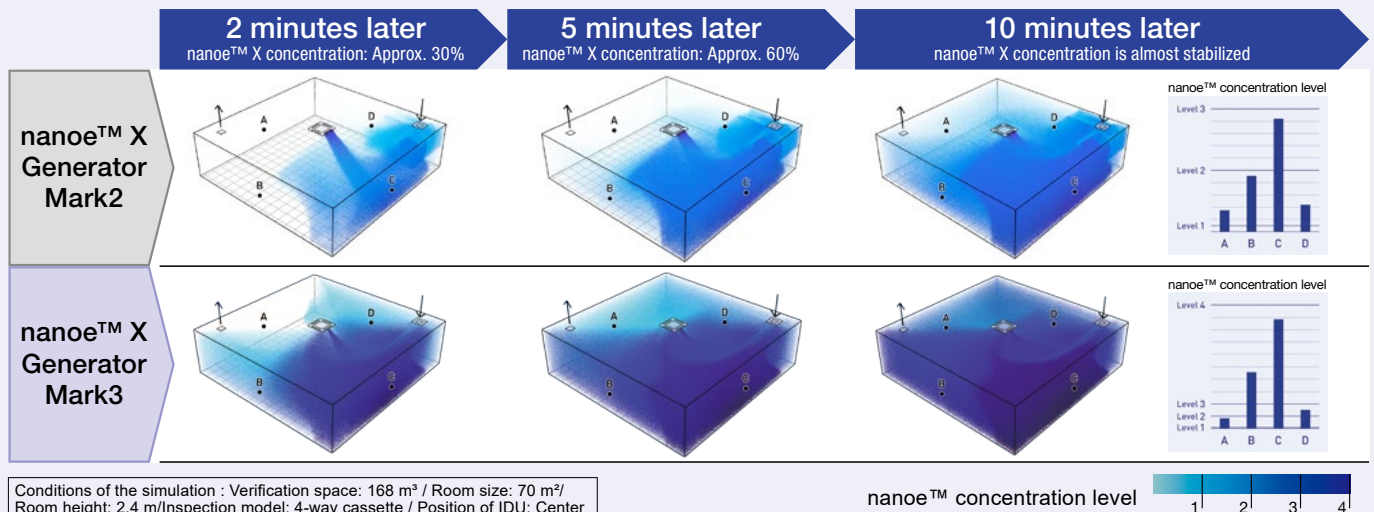
The amount of hydroxyl radicals generated increased 100 times, compared to original nanoe™.

Higher Concentration, Even in Large Spaces

Greater effectiveness even in large spaces of more than 100 m².

nanoe™ X Concentration Simulation

Higher concentration levels of generator mark 3 than mark 2.



Conditions of the simulation : Verification space : 168 m³ / Room size : 70 m² / Room height : 2.4 m/Inspection model: 4-way cassette / Position of IDU: Center

* There are 7 key benefits provided by nanoe which commence when concentration reaches Level 1. The concentration level affects the speed at which the benefits occur. Concentration level 2 is 10 times the concentration of level 1, and concentration level 3 is 20 times the concentration of level 1. ** The results shown are for simulation purpose only and concentration may vary due to actual room conditions

DELUXE / STANDARD ADAPTIVE DUCTED

- Air intake from rear as standard. Industry-leading horizontal and vertical design.
- Powerful 150Pa ESP and space saving 250 mm height, filter included.
- Built-in Drain pump and selectable air inlet position (bottom and rear).



[Selectable Remote Controller]



CZ-RTC5B



CZ-RTC4



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

[Optional Wireless Remote Controller]



CZ-RWS3



CZ-RWRC3

[Optional Adaptor]



CZ-CAPWFC1

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



DELUXE

Specifications of R32 DELUXE Series R32

Capacity [Btu/h]		17,100	20,500	24,200	34,100	42,700	42,700[3]	47,800	47,800[3]
Power Source	V/Phase Hz	220-240V, 10 Phase - 50Hz				380-415V, 30 Phase - 50Hz			
Indoor Unit		S-1821PF3H	S-1821PF3H	S-2430PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H
Outdoor Unit		U-18PRH1H5	U-21PRH1H5	U-24PRH1H5	U-34PRH1H5	U-43PRH1H5	U-43PRH1H5	U-48PRH1H5	U-48PRH1H5
Cooling Capacity : Rated [Min-Max]	kW	5.00 [1.60-6.00]	6.00 [1.60-6.30]	7.10 [1.80-8.00]	10.00 [3.80-11.20]	12.50 [3.80-14.00]	12.50 [3.80-14.00]	14.00 [5.30-15.50]	14.00 [5.30-15.50]
	Btu/h	17,100 [5,460-20,500]	20,500 [5,460-21,500]	24,200 [6,140-27,300]	34,100 [13,000-38,200]	42,700 [13,000-47,800]	42,700 [13,000-47,800]	47,800 [18,100-52,900]	47,800 [18,100-52,900]
Current: Rated [Max]	A	5.6-5.3 [9.1]	7.4-6.9 [11.0]	8.3-7.7 [12.0]	11.9-10.9 [25.5]	17.7-16.3 [26.0]	17.7-16.3 [26.0]	21.4-19.7 [28.0]	21.4-19.7 [28.0]
Power Input: Rated [Min-Max]	kW	1.16 [0.24-1.55]	1.58 [0.24-1.80]	1.80 [0.30-2.35]	2.40 [0.65-3.08]	3.59 [0.65-4.35]	3.59 [0.65-4.35]	4.34 [0.96-5.15]	4.34 [0.96-5.15]
CSPF		5.90	5.60	6.10	6.40	5.45	5.45	5.55	5.55
COP/EER	W/W	4.31	3.8	3.94	4.17	3.48	3.48	3.23	3.23
	Btu/hW	14.74	12.97	13.44	14.51	11.89	11.89	11.01	11.01
Indoor Unit									
Air Volume	m ³ /min	16.0	16.0	21.0	36.0	36.0	36.0	36.0	36.0
	cfm	565	565	740	1,270	1,270	1,270	1,270	1,270
External static pressure	Pa	30 [10-150]	30 [10-150]	30 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]
Sound Pressure Level [Hi/L0]	dB [A]	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30	40 / 30
Sound Power Level [Hi/L0]	dB	58 / 52	58 / 52	58 / 52	63 / 53	63 / 53	63 / 53	63 / 53	63 / 53
Dimension	Indoor [HxWxD]	mm	250 x 800 x 730	250 x 800 x 730	250 x 1,000 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730
Net Weight	Indoor	kg	25	25	30	39	39	39	39
Outdoor Unit									
Sound Pressure Level	dB [A]	50	51	53	54	57	57	58	58
Sound Power Level	dB	69	70	72	73	76	76	77	77
Dimension	Outdoor [HxWxD]	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
Net Weight		kg	39	39	39	69	69	75	73
Piping Connection	Gas Pipe	mm [inch]	12.70 [1/2]	12.70 [1/2]	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]	6.35 [1/4]	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
Elevation Difference		m	30	30	30	30	30	30	30
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	30
Additional Gas		g/m	15	15	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

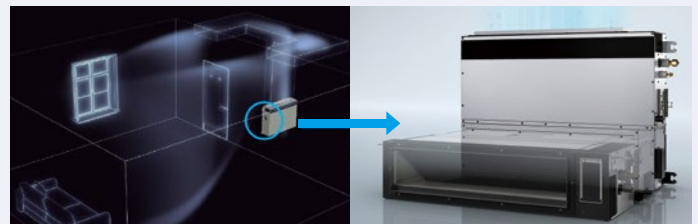
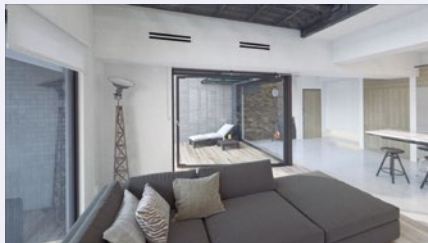
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Flexible Installation Adaptive Ducted

New NX Series Adaptive Ducted units can be mounted not only horizontally but also vertically without the need for alterations. Our groundbreaking drain pan design delivers a new level of flexibility in an industry-leading vertical installation.



Product information



Horizontal

Vertical

Compact Body with Powerful 150 Pa ESP

The indoor units have also been completely renewed, offering a 40 mm height reduction to only 250 mm* and a weight reduction of up to 10%, all while maintaining the same powerful 150 Pa.

* Compared to conventional model.

Space saving 250 mm height



Height 290 mm Weight* 31 kg

Height 250 mm Weight* 25 kg

Note: In the case of 5.0kW and 6.0kW.