

STANDARD 4-WAY CASSETTE

- Industry-leading Powerful, 360° Wide & Comfortable Airflow.
- Individual flap control for true-comfort.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



nanoeX
Generator Mark2

STANDARD

Specifications of R32 STANDARD Series **R32**

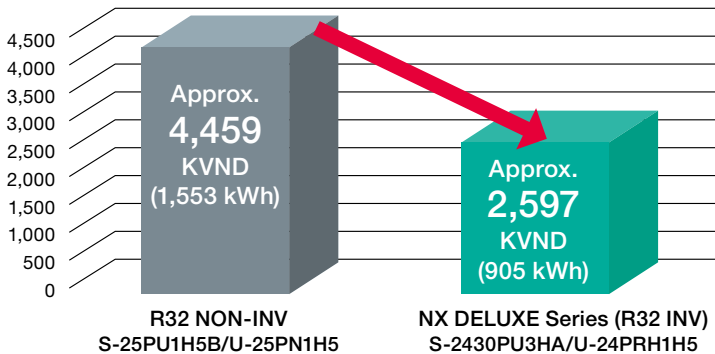
Capacity [Btu/h(Phase)]	17,100	20,500	24,200	29,000	34,100	42,700	42,700 (3)	47,800	47,800(3)
Power Source	V/Phase Hz 220-240V, 10 Phase - 50Hz								
Indoor	S-1821PU3H	S-1821PU3H	S-2430PU3H	S-2430PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H
Outdoor	U-18PR1H5	U-21PR1H5	U-24PR1H5	U-30PR1H5	U-34PR1H5	U-43PR1H5	U-43PR1H5	U-48PR1H5	U-48PR1H5
Panel	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated [Min-Max]	kW 5.00 [2.00-5.60]	6.00 [2.00-6.30]	7.10 [2.10-8.00]	8.50 [2.10-10.00]	10.00 [3.20-11.20]	12.50 [3.80-14.00]	12.50 [3.80-14.00]	14.00 [3.80-14.71]	14.00 [3.80-14.71]
	Btu/h 17,100 [6,820-19,100]	20,500 [6,820-21,500]	24,200 [7,170-27,300]	29,000 [7,170-34,100]	34,100 [10,900-38,200]	42,700 [13,000-47,800]	42,700 [13,000-47,800]	47,800 [13,000-50,200]	47,800 [13,000-50,200]
Current: Rated [Max]	A 5.5-5.2 [9.1]	8.0-7.5 [11.0]	9.2-8.5 [12.0]	11.7-10.7 [15.5]	15.0-13.7 [16.5]	18.5-16.9 [26.0]	18.5-16.9 [26.0]	23.9-21.9 [28.0]	23.9-21.9 [28.0]
Power Input: Rated [Min-Max]	kW 1.14 [0.38-1.50]	1.71 [0.38-2.10]	1.99 [0.30-2.26]	2.52 [0.28-3.33]	3.23 [0.61-3.73]	3.74 [0.63-4.25]	3.74 [0.63-4.25]	4.83 [0.63-5.10]	4.83 [0.63-5.10]
CSPF	6.27	5.89	6.08	5.97	5.89	5.80	5.80	5.23	5.23
COP/EER	W/W 4.39	3.51	3.57	3.37	3.10	3.34	3.34	2.90	2.90
	Btu/hW 15.00	11.99	12.16	11.51	10.56	11.42	11.42	9.90	9.90
Indoor Unit									
Air Volume	m³/min 25.0	25.0	25.0	25.0	36.4	36.4	36.4	36.4	36.4
	cfm 882	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	42 / 35	47 / 41	47 / 41	47 / 41	47 / 41	47 / 41
Sound Power Level [Hi/L0]	dB 57 / 50	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	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	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	44 x 950 x 950	44 x 950 x 950
Net Weight	Indoor kg 21	21	21	21	24	24	24	24	24
	Panel kg 5	5	5	5	5	5	5	5	5
Outdoor									
Sound Pressure Level	dB [A] 49	50	51	53	55	57	57	58	58
Sound Power Level	dB 68	69	70	72	74	76	76	77	77
Dimension	Outdoor [HxWxD] mm 619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	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 29	29	33	39	48	68	67	68	67
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]	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]	9.52 [3/8]	9.52 [3/8]
Pipe Length	Min-Max m 5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m 20	20	20	30	30	30	30	30	30
Maximum Chargeless Length	Max m 10	10	10	30	30	30	30	30	30
Additional Gas	g/m 15	15	15	25	25	25	25	25	25
Operation Range, Outdoor	Min-Max °C 16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46

* 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. * STANDARD 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.

High COP: Save More with DELUXE Series

Comparison between R32 NON-INV (S-25PU1H5B/U-25PN1H5) and R32 INV NX DELUXE Series (S-2430PU3HA/U-24PRH1H5)

Annual energy consumption



Approx. **42% DOWN** 1,862 KVND

The longer you use the R32 inverter NX DELUXE series, the more you save!



Capacity [Btu]	Annual Energy Consumption [kWh]			Difference	
	NX DELUXE	R32 NON-INV	Difference		
20,500 / 19,500	655	1,161	506	44%	
24,200 / 26,000	905	1,553	744	42%	
34,100 / 36,000	1,174	2,064	890	43%	
42,700 / 42,000	1,537	2,260	723	32%	
47,800 / 48,500	1,903	3,016	1,113	37%	

Capacity [Btu]	Saving by Year [Accumulated/KVND]							
	1	2	3	4	5	6	7	8
20,500 / 19,500	1,454	2,097	4,361	5,815	7,269	8,722	10,176	11,630
24,200 / 26,000	1,863	3,725	5,588	7,451	9,314	11,176	13,039	14,902
34,100 / 36,000	2,556	5,111	7,667	10,222	12,778	15,333	17,889	20,444
42,700 / 42,000	2,075	4,150	6,225	8,300	10,375	12,450	14,525	16,600
47,800 / 48,500	3,196	6,392	9,588	12,784	15,981	19,177	22,373	25,569

* Annual energy consumption is calculated based on ISO16358-1 * Operating hours: 8 hours per day x 240 days = 1,920 hours

* Electricity Bill: 2,871VND/kWh, Viet Nam electricity *Contract for Commerce - service - residential building complex * Comparison between Inverter U-**PS2 series and Non-inverter U-**PV1 series



STANDARD

Specifications of R32 STANDARD Series R32

Capacity (Btu/h)	17,100	20,500	24,200	27,600	34,100	42,700	42,700 (3)	47,000	47,000(3)	
Power Source	220-240V, 10 Phase - 50Hz									
Indoor Unit	380-415V, 30 Phase - 50Hz									
Outdoor Unit	220-240V, 10 Phase - 50Hz									
Indoor Unit	S-1821PF3H	S-1821PF3H	S-2430PF3H	S-2430PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	
Outdoor Unit	U-18PR1H5	U-21PR1H5	U-24PR1H5	U-30PR1H5	U-34PR1H5	U-43PR1H5	U-43PR1H8	U-48PR1H5	U-48PR1H8	
Cooling Capacity: Rated (Min-Max)	kW	5.00 [2.00-5.60]	6.00 [2.00-6.30]	7.10 [2.00-7.60]	8.10 [2.00-8.90]	10.00 [3.20-11.20]	12.50 [3.80-13.50]	12.50 [3.80-13.50]	13.77 [3.80-14.20]	13.77 [3.80-14.20]
	Btu/h	17,100 [6,820-19,100]	20,500 [6,820-21,500]	24,200 [6,820-25,900]	27,600 [6,820-30,400]	34,100 [10,900-38,200]	42,700 [13,000-46,100]	42,700 [13,000-46,100]	47,000 [13,000-48,500]	47,000 [13,000-48,500]
Current: Rated (Max)	A	7.2-6.8 [9.1]	9.1-8.6 [11.0]	10.5-9.7 [12.0]	12.1-11.1 [15.5]	14.5-13.3 [16.5]	19.6-17.9 [26.0]	6.5-5.9 [10.5]	23.6-21.6 [28.0]	7.8-7.1 [11.0]
	kW	1.54 [0.41-1.75]	1.95 [0.41-2.30]	2.27 [0.34-2.48]	2.60 [0.33-2.90]	3.12 [0.59-3.65]	3.96 [0.65-4.35]	3.96 [0.65-4.35]	4.77 [0.65-4.95]	4.77 [0.65-4.95]
CSPF		5.02	4.65	5.21	5.21	4.74	5.02	5.02	4.74	4.74
COP/EER	W/W	3.25	3.08	3.13	3.12	3.21	3.16	3.16	2.89	2.89
	Btu/hW	11.10	10.51	10.66	10.62	10.93	10.78	10.78	9.85	9.85
Indoor Unit										
Air Volume	m ³ /min	16.0	16.0	21.0	21.0	36.0	36.0	36.0	36.0	36.0
	cfm	565	565	740	740	1,270	1,270	1,270	1,270	1,270
External static pressure	Pa	30 [10-150]								
Sound Pressure Level (Hi/Lo)	dB [A]	35 / 29								
Sound Power Level (Hi/Lo)	dB	58 / 52								
Dimension Indoor (HxWxD)	mm	250 x 800 x 730								
Net Weight Indoor	kg	25								
Outdoor Unit										
Sound Pressure Level	dB [A]	50								
Sound Power Level	dB	69								
Dimension Outdoor (HxWxD)	mm	619 x 824 x 299								
Net Weight	kg	29								
Piping Connection	Gas Pipe	mm (inch)								
	Liquid Pipe	mm (inch)								
Pipe Length	Min-Max	m								
	Elevation Difference	m								
Maximum Chargeless Length	Max	m								
Additional Gas	g/m	15								
Operation Range, Outdoor	Min-Max °C	16-46								

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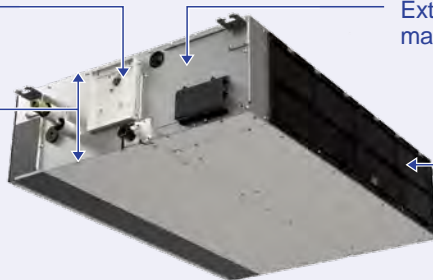
Technical Focus

Built-in Drain pump (DC motor pump)

External electrical equipment box makes maintenance easy

Space saving height of 250mm for all models

250mm standardised height provides easy and uniform installation for models with different capacities, especially when ceiling heights are restricted.



Built-in filter

Superior air quality nanoeX

The new ducted models are equipped with nanoe™ X as standard, a unique air quality improvement technology producing twice the amount of hydroxyl radicals compared to previous generations. Combined with the strong static pressure this ensures pristine nanoe™ X air travels unaffected even through multiple duct shapes at lengths of 10m, as well as making them ideal for use in larger spaces.

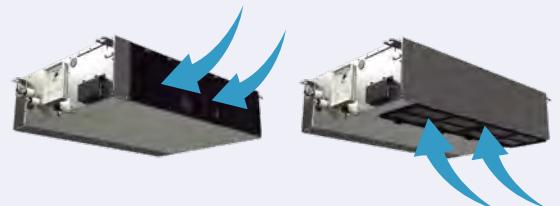


Note: PF3 and PE3 (16.0kW and below) ranges only.

Based on in-house test result, even with a total ductwork length up to 10m, effectiveness of nanoe™ X is maintained.

Selectable air inlet position

A removable panel allows air inlet position to be adjusted to enable rear or bottom entry, depending on ductwork installation.



STANDARD CEILING EXPOSED

- The slim design makes thickness only 235 mm.
- Compact looking, stylish, one-motion design.
- Comfortable, long-distance airflow distribution.



(Accessory)

(Optional Wired Remote Controller)



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



[Optional Adaptor]
If not use
CZ-RTC6BLW.
The adaptor also
can be used.

CZ-RTC5B

CZ-RTC4

CZ-CAPWFC1

nanoeX
Generator Mark2

STANDARD

Specifications of R32 STANDARD Series R32

Capacity [Btu/h]	20,500	29,000	42,700	42,700 [3]	45,500	45,500[3]
Power Source	V/Phase Hz		220V, 1Ø Phase - 50Hz		380V, 3Ø Phase - 50Hz	
Indoor Unit	S-1821PT3H-8		S-2430PT3H-8		S-3448PT3H-8	
Outdoor Unit	U-21PR1H5		U-30PR1H5		U-43PR1H8	
Cooling Capacity: Rated [Min-Max]	kW	6.00 [2.00-6.30]	8.50 [2.00-9.60]	12.50 [3.80-13.54]	12.50 [3.80-13.54]	13.33 [3.80-14.00]
	Btu/h	20,500 [6,820-21,500]	29,000 [6,820-32,800]	42,700 [13,000-46,200]	42,700 [13,000-46,200]	45,500 [13,000-47,800]
Current: Rated [Max]	A	9.3 [11.0]	13.1 [15.5]	20.3 [26.0]	6.7 [10.5]	7.4 [11.0]
Power Input: Rated [Min-Max]	kW	1.98 [0.39-2.25]	2.83 [0.29-3.31]	4.10 [0.68-4.50]	4.10 [0.68-4.50]	4.50 [0.68-4.80]
CSPF		5.62	5.66	5.08	5.08	4.98
COP/EER	W/W	3.03	3.00	3.05	3.05	2.96
	Btu/hW	10.35	10.25	10.41	10.41	10.11
Indoor Unit						
Air Volume	m ³ /min	15.0	21.0	35.0	35.0	35.0
	cfm	530	740	1,235	1,235	1,235
Sound Pressure Level [Hi/L0]	dB [A]	38 / 29	40 / 32	46 / 38	46 / 38	46 / 38
Sound Power Level [Hi/L0]	dB	56 / 47	58 / 50	64 / 56	64 / 56	64 / 56
Dimension	Indoor [HxWxD]	mm	235 x 960 x 690	235 x 1,275 x 690	235 x 1,590 x 690	235 x 1,590 x 690
Net Weight	Indoor	kg	26	34	40	40
Outdoor Unit						
Sound Pressure Level	dB [A]	51	54	57	57	58
Sound Power Level	dB	70	73	76	76	77
Dimension	Outdoor [HxWxD]	mm	619 x 824 x 299	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370
Net Weight		kg	29	39	68	67
Piping Connection	Gas Pipe	mm (inch)	12.70 (1/2)	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)
Pipe Length	Min-Max	m	5 - 30	5 - 50	5 - 50	5 - 50
Elevation Difference		m	20	30	30	30
Maximum Chargeless Length	Max	m	10	30	30	30
Additional Gas		g/m	15	25	25	25
Operation Range, Outdoor	Min-Max	°C	16-46	16-46	16-46	16-46

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Advantages of Ceiling Exposed

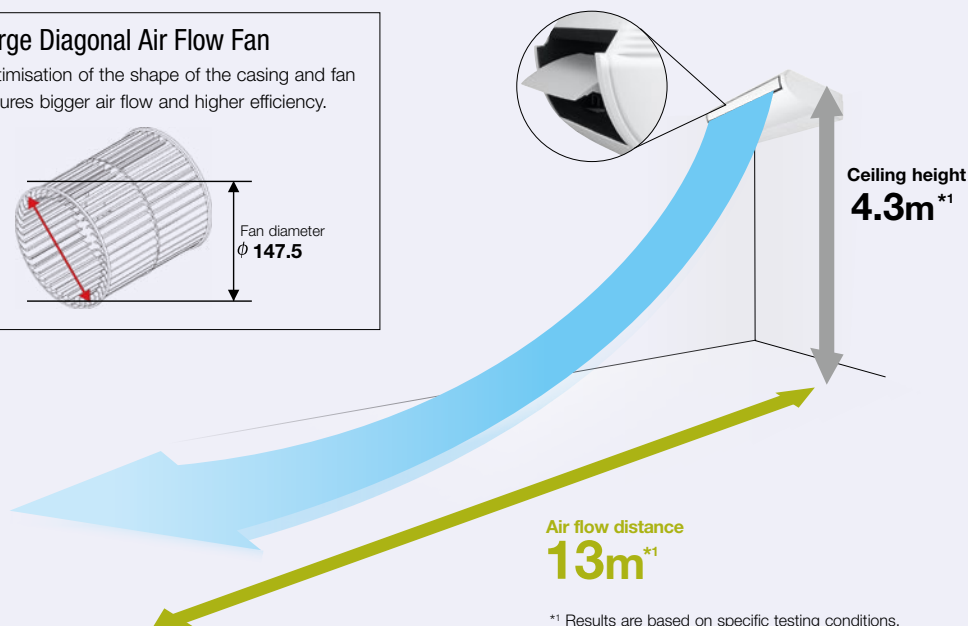
Comfortable, Long-Distance Airflow Distribution

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.

Large Diagonal Air Flow Fan

Optimisation of the shape of the casing and fan assures bigger air flow and higher efficiency.

Fan diameter
φ 147.5



*1 Results are based on specific testing conditions.