

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.



(Standard)



(Optional Wired Remote Controller)



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



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

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	230V, 1Ø Phase - 50Hz								
Indoor Unit		S-1821PU3H-1	S-1821PU3H-1	S-2430PU3H-1	S-2430PU3H-1	S-3448PU3H-1	S-3448PU3H-1	S-3448PU3H-1	S-3448PU3H-1	S-3448PU3H-1
Outdoor Unit		U-18PR1H5-1	U-21PR1H5-1	U-24PR1H5-1	U-30PR1H5-1	U-34PR1H5-1	U-43PR1H5-1	U-43PR1H5-1	U-48PR1H5-1	U-48PR1H8-1
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	5.2 [9.1]	7.7 [11.0]	8.8 [12.0]	11.2 [15.5]	14.3 [16.5]	17.7 [26.0]	17.7 [26.0]	22.8 [28.0]	7.5 [11.0]
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	28.5	28.5	28.5	28.5	36.4	36.4	36.4	36.4	36.4
	cfm	1,006	1,006	1,006	1,006	1,285	1,285	1,285	1,285	1,285
Sound Pressure Level (Hi/Lø)	dB [A]	46 / 35	46 / 35	46 / 35	46 / 35	47 / 41	47 / 41	47 / 41	47 / 41	47 / 41
Sound Power Level (Hi/Lø)	dB	61 / 50	61 / 50	61 / 50	61 / 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
	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
Net Weight	Indoor	kg	21	21	21	21	24	24	24	24
	Panel	kg	5	5	5	5	5	5	5	5
Outdoor Unit										
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
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]
	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]
Pipe Length	Min-Max	m	5 - 30	5 - 30	5 - 30	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
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

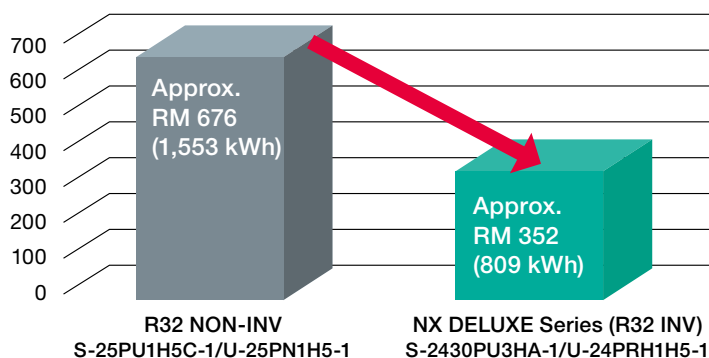
* Specifications are subject to change without notice. Please refer to technical documents for more details.

* 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.

High COP: Save More with DELUXE Series

Comparison between R32 NON-INV (S-25PU1H5C-1/U-25PN1H5-1) and R32 INV NX DELUXE Series (S-2430PU3HA-1/U-24PRH1H5-1)

Annual energy consumption



Approx. **48%** DOWN **RM 324**

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



Capacity [Btu]	Annual Energy Consumption [kWh]		
	NX DELUXE	R32 NON-INV	Difference
20,500 / 19,500	655	1,161	506 44%
24,200 / 26,000	809	1,553	744 48%
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/RM]							
	1	2	3	4	5	6	7	8
20,500 / 19,500	220	441	661	881	1,101	1,322	1,542	1,762
24,200 / 26,000	324	648	972	1,296	1,619	1,943	2,267	2,591
34,100 / 36,000	387	774	1,162	1,519	1,936	2,323	2,710	3,098
42,700 / 42,000	314	629	943	1,258	1,572	1,886	2,201	2,515
47,800 / 48,500	484	969	1,453	1,937	2,421	2,906	3,390	3,874

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

* Electricity Bill: 44sen/kWh, TENEGA NASIONAL, Low voltage commercial, 1-200kWh per month * Comparison between Inverter U-PRH1 series and Non-Inverter U-PN1H series.



STANDARD

Specifications of R32 STANDARD Series R32

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	27,600	34,100	42,700	42,700 [3]	47,000	47,000 [3]
Power Source	230V, 1Ø 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-18PR1H5-1	U-21PR1H5-1	U-24PR1H5-1	U-30PR1H5-1	U-34PR1H5-1	U-43PR1H5-1	U-43PR1H5-1	U-48PR1H5-1	U-48PR1H5-1
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]
	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]
Current: Rated (Max)	A	6.9 [9.1]	8.7 [11.0]	10.1 [12.0]	11.5 [15.5]	13.8 [16.5]	18.7 [26.0]	6.1 [10.5]	22.5 [28.0]
Power Input: Rated (Min-Max)	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]
CSPF		5.02	4.65	5.21	5.21	4.74	5.02	5.02	4.74
COP/EER	W/W	3.25	3.08	3.13	3.12	3.21	3.16	3.16	2.89
	Btu/hW	11.10	10.51	10.66	10.62	10.93	10.78	10.78	9.85
Indoor Unit									
Air Volume	m³/min	16.0	16.0	21.0	21.0	36.0	36.0	36.0	36.0
	cfm	565	565	740	740	1,270	1,270	1,270	1,270
External static pressure	Pa	30 [10-150]	30 [10-150]	30 [10-150]	30 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]
Sound Pressure Level (Hi/Lo)	dB (A)	35 / 29	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30
Sound Power Level (Hi/Lo)	dB	58 / 52	58 / 52	58 / 52	58 / 52	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 1,000 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	30	39	39	39	39
Outdoor Unit									
Sound Pressure Level	dB (A)	50	51	51	53	55	57	58	58
Sound Power Level	dB	69	70	70	72	74	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
Net Weight Outdoor	kg	29	29	33	39	48	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]
	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]
Pipe Length	Min-Max m	5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m	20	20	20	30	30	30	30	30
Maximum Chargeless Length	Max m	15	15	15	25	25	25	25	25
Additional Gas	g/m	10	10	10	30	30	30	30	30
Operation Range, Outdoor	Min-Max °C	16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46

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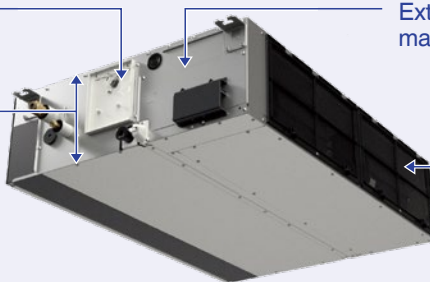
Technical Focus

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.

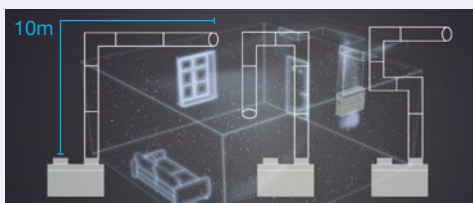


Built-in filter

Superior air quality • nanoeX

The new ducted models are equipped with nanoe™ X as standard, an 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.

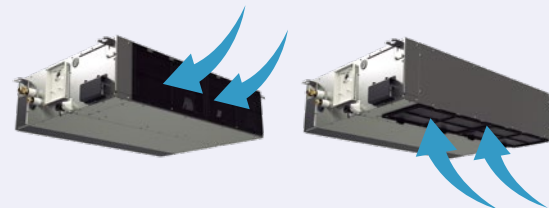
Note: PF3 and PE3 (16.0kW and below) ranges only.



Bend once Bend twice Bend three times
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

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]	45,500	45,500 [3]
Power Source	230V, 1Ø Phase - 50Hz								400V, 3Ø Phase - 50Hz
Indoor Unit	S-1821PT3H	S-1821PT3H	S-2430PT3H	S-2430PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H
Outdoor Unit	U-18PR1H5-1	U-21PR1H5-1	U-24PR1H5-1	U-30PR1H5-1	U-34PR1H5-1	U-43PR1H5-1	U-43PR1H5-1	U-48PR1H5-1	U-48PR1H5-1
Cooling Capacity: Rated (Min-Max)	kW	5.00 [2.00-5.60]	6.00 [2.00-6.30]	7.10 [2.00-7.80]	8.50 [2.00-9.60]	10.00 [3.20-11.20]	12.50 [3.80-13.54]	12.50 [3.80-13.54]	13.33 [3.80-14.00]
	Btu/h	17,100 [6,820-19,100]	20,500 [6,820-21,500]	24,200 [6,820-26,600]	29,000 [6,820-32,800]	34,100 [10,900-38,200]	42,700 [13,000-46,200]	42,700 [13,000-46,200]	45,500 [13,000-47,800]
Current: Rated (Max)	A	6.0 [9.1]	8.6 [11.0]	9.3 [12.0]	12.2 [15.5]	14.9 [16.5]	19.4 [26.0]	6.4 [10.5]	21.3 [28.0]
Power Input: Rated (Min-Max)	kW	1.33 [0.39-1.65]	1.92 [0.39-2.25]	2.10 [0.32-2.36]	2.75 [0.29-3.31]	3.36 [0.58-3.77]	4.10 [0.68-4.50]	4.10 [0.68-4.50]	4.50 [0.68-4.80]
CSPF		6.18	5.65	5.51	5.86	5.04	5.08	5.08	4.98
COP/EER	W/W	3.76	3.13	3.38	3.09	2.98	3.05	3.05	2.96
	Btu/hW	12.86	10.68	11.52	10.55	10.15	10.41	10.41	10.11
Indoor Unit									
Air Volume	m³/min	15.0	15.0	21.0	21.0	35.0	35.0	35.0	35.0
	cfm	530	530	740	740	1,235	1,235	1,235	1,235
Sound Pressure Level (Hi/Lo)	dB (A)	38 / 29	38 / 29	40 / 32	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38
Sound Power Level (Hi/Lo)	dB	56 / 47	56 / 47	58 / 50	58 / 50	64 / 56	64 / 56	64 / 56	64 / 56
Dimension	Indoor (HxWxD)	mm	235 x 960 x 690	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
Net Weight	Indoor	kg	26	26	34	34	40	40	40
Outdoor Unit									
Sound Pressure Level	dB (A)	50	51	51	53	55	57	57	58
Sound Power Level	dB	69	70	70	72	74	76	76	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
Net Weight		kg	29	29	33	39	48	67	68
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 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference		m	20	20	20	30	30	30	30
Maximum Chargeless Length	Max	m	15	15	15	25	25	25	25
Additional Gas		g/m	10	10	10	30	30	30	30
Operation Range, Outdoor	Min-Max	°C	16-46	16-46	16-46	16-46	16-46	16-46	16-46

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NX Series Remote Controller Information

		Compatibility Table		
CONEX Type		CZ-RTC6BLW Built-in BLE & WLAN	CZ-RTC6BL Built-in BLE	CZ-RTC6
				
				
App		○	○	—
		○	○	—
		○	—	—

• Power supply is available only when using NX IDU

Wireless Remote Controller

* For 4-Way Cassette & Ceiling Exposed



Wired Remote Controller



CZ-RTC6BLW
CZ-RTC6BL
CZ-RTC6

CZ-RTC5B

CZ-RTC4