

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.



Specifications of R32 DELUXE Series

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		230V, 1Ø Phase - 50Hz		400V, 3Ø Phase - 50Hz	230V, 1Ø Phase - 50Hz	400V, 3Ø Phase - 50Hz	400V, 3Ø Phase - 50Hz
Indoor Unit		S-1821PU3HA-1	S-1821PU3HA-1	S-2430PU3HA-1	S-3448PU3HA-1	S-3448PU3HA-1	S-3448PU3HA-1	S-3448PU3HA-1
Outdoor Unit		U-18PRH1H5-1	U-21PRH1H5-1	U-24PRH1H5-1	U-34PRH1H5-1	U-43PRH1H5-1	U-48PRH1H5-1	U-48PRH1H5-1
Panel		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]	14.00 [5.30-15.50]	14.00 [5.30-15.50]
Current: Rated [Max]	A	4.1 [9.1]	5.7 [11.0]	7.0 [12.0]	11.1 [25.5]	16.2 [26.0]	19.4 [28.0]	19.4 [28.0]
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]	4.10 [0.96-4.90]	4.10 [0.96-4.90]
CSPF		7.50	7.10	6.80	6.60	6.30	5.70	5.70
COP/EER	W/W	5.56	4.72	4.52	4.26	3.65	3.41	3.41
	Btu/hW	19.00	16.14	15.41	14.51	12.49	11.66	11.66
Indoor Unit								
Air Volume	m³/min	28.5	28.5	28.5	36.4	36.4	36.4	36.4
	cfm	1,006	1,006	1,006	1,285	1,285	1,285	1,285
Sound Pressure Level [Hi/L0]	dB [A]	46 / 35	46 / 35	46 / 35	47 / 41	47 / 41	47 / 41	47 / 41
Sound Power Level [Hi/L0]	dB	61 / 50	61 / 50	61 / 50	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	21	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	58	58
Sound Power Level	dB	69	70	72	73	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.

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.



Specifications of R32 STANDARD Series

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		400V, 3Ø Phase - 50Hz	230V, 1Ø Phase - 50Hz	400V, 3Ø Phase - 50Hz	400V, 3Ø Phase - 50Hz	400V, 3Ø 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
Outdoor Unit		U-18PR1H5-1	U-21PR1H5-1	U-24PR1H5-1	U-30PR1H5-1	U-34PR1H5-1	U-43PR1H5-1	U-48PR1H5-1	U-48PR1H5-1
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 [2.00-5.60]	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]
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]	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]	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	5.23	5.23
COP/EER	W/W	4.39	3.51	3.57	3.37	3.10	3.34	2.90	2.90
	Btu/hW	15.00	11.99	12.16	11.51	10.56	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
	cfm	1,006	1,006	1,006	1,006	1,285	1,285	1,285	1,285
Sound Pressure Level [Hi/L0]	dB [A]	46 / 35	46 / 35	46 / 35	46 / 35	47 / 41	47 / 41	47 / 41	47 / 41
Sound Power Level [Hi/L0]	dB	61 / 50	61 / 50	61 / 50	61 / 50	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	58	58
Sound Power Level	dB	68	69	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	kg	29	33	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	10	10	10	30	30	30	30	30
Additional Gas	g/m	15	15	15	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.

What's New of nanoe™ X Generator Mark 3

48 Trillion Hydroxyl Radicals Generated

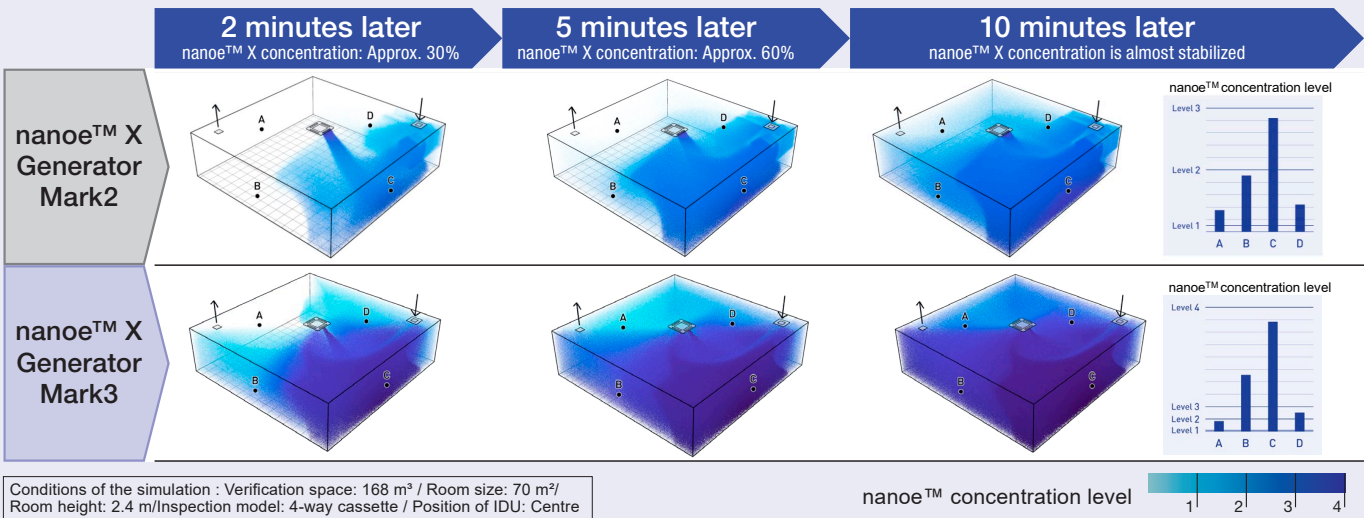
The amount of hydroxyl radicals generated increased 100 times, compared to original nanoe™.

Higher Concentration, Even in Large Spaces

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

nanoe™ X Concentration Simulation

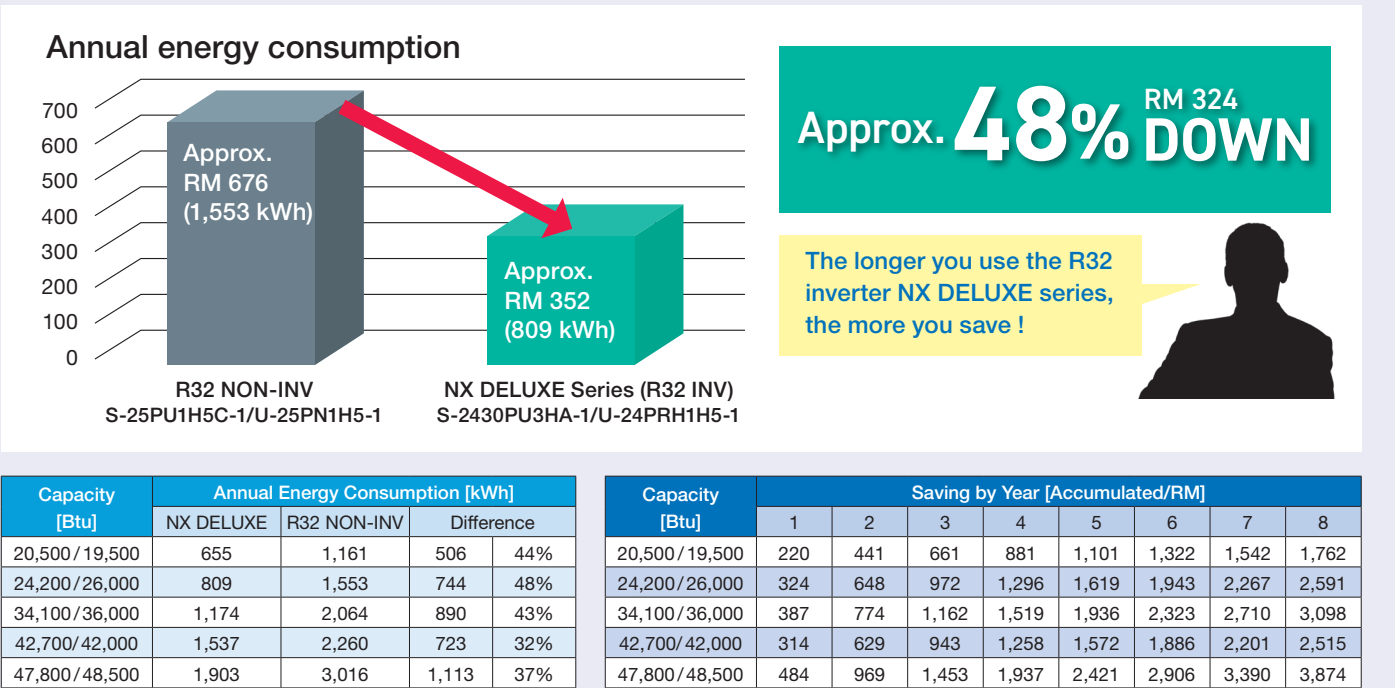
Higher concentration levels of generator mark 3 than mark 2.



* 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

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 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.