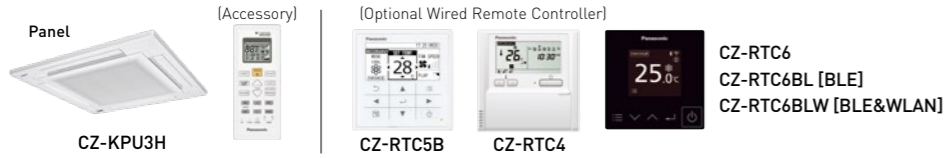


DELUXE 4-WAY CASSETTE

- 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.



nanoe™ X Generator Mark3

DELUXE

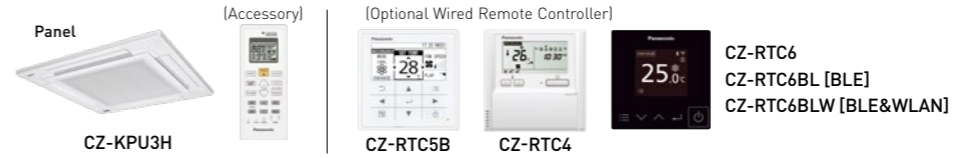
Specifications of R32 DELUXE Series **R32**

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	34,100	42,700	42,700(3)	47,800	47,800(3)										
Power Source	230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz											
Indoor Unit	S-18PU30A	S-21PU30A	S-24PU30A	S-34PU30A	S-43PU30A	S-3448PU30A	S-48PU30A	S-3448PU30A										
Outdoor Unit	U-18PR106	U-21PR106	U-24PR106	U-34PR106	U-43PR106	U-43PR109	U-48PR106	U-48PR109										
Panel	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H										
Cooling Capacity: Rated (Min-Max)	kW		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		4.1 [9.1]		5.7 [11.0]		7.0 [12.0]		11.1 [25.5]		16.2 [26.0]		5.3 [10.5]		19.4 [28.0]		6.4 [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	W/W		7.50		7.10		6.80		6.30		6.30		5.70		5.70		5.23	
COP/EER	Btu/hW		19.00		16.14		15.41		14.52		13.65		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	
Sound Pressure Level (Hi/Lo)	dB (A)		42 / 35		42 / 35		42 / 35		47 / 41		47 / 41		47 / 41		47 / 41		47 / 41	
Sound Power Level (Hi/Lo)	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		319 x 840 x 840	
Net Weight	Indoor Panel kg		21		21		21		24		24		24		24		24	
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		996 x 980 x 370	
Net Weight	kg		39		39		39		69		69		69		73		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]		15.88 [5/8]	
Additional Gas	g/m		15		15		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	

* 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.



nanoe™ X 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	230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz											
Indoor Unit	S-18PU3Q	S-21PU3Q	S-24PU3Q	S-30PU3Q	S-34PU3Q	S-43PU3Q	S-3448PU3Q	S-48PU3Q	S-3448PU3Q											
Outdoor Unit	U-18PR106	U-21PR106	U-24PR106	U-30PR106	U-34PR106	U-43PR106	U-43PR109	U-48PR106	U-48PR109											
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		17,100 [6,820-19,100]		20,500 [6,820-21,500]		24,200 [7,170-27,300]		29,000 [17,170-34,100]		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		5.21(9.1)		7.71(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	W/W		6.27		5.89		6.08		5.97		5.89		5.80		5.23		5.23			
COP/EER	Btu/hW		15.00		11.99		12.16		11.51		10.56		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			
Sound Pressure Level (Hi/Lo)	dB (A)		42 / 35		42 / 35		42 / 35		42 / 35		47 / 41		47 / 41		47 / 41		47 / 41			
Sound Power Level (Hi/Lo)	dB		57 / 50		57 / 50		57 / 50		57 / 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			
Net Weight	Indoor Panel kg		21		21		21		21		24		24		24		24			
Outdoor Unit																				
Sound Pressure Level	dB (A)		49		50		51		53		55		57		57		58			
Sound Power Level	dB		68		69		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		996 x 980 x 370			
Net Weight	kg		29		29		33		39		48		68		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]			
Additional Gas	g/m		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.

What's New of nanoe™ X Generator Mark 3

48 Trillion Hydroxyl Radicals Generated

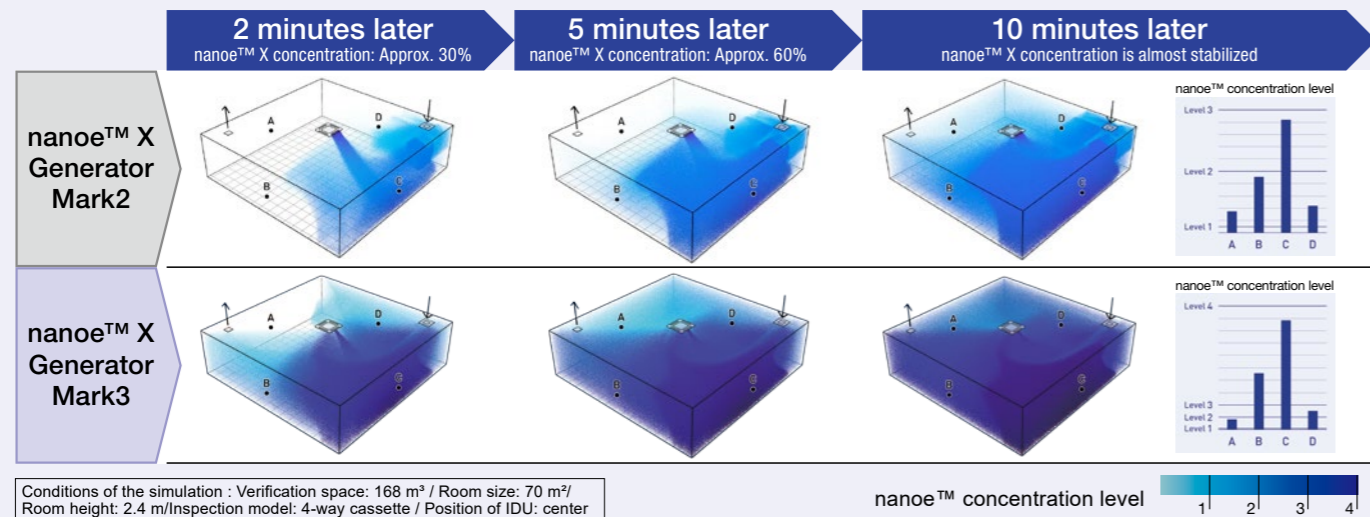
The amount of hydroxyl radicals generated increased 100 times, compared to original nanoe™.

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.



Advantages of New 4-way Cassette

Compact, Modern & Flat Panel Design

Featuring uniform cooling, easy installation, and with a sleek exterior, this unit is the perfect match for all commercial applications.



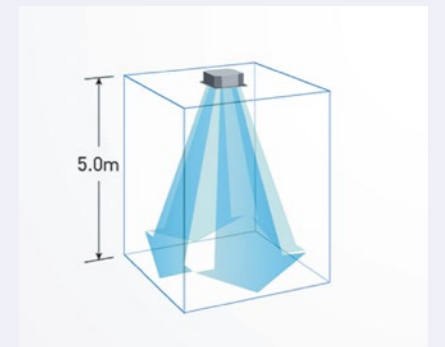
Powerful Airflow

Thanks to its compact design the Twisted 3D Blade Fan increases airflow.



360° Comfortable Airflow

Air coming out of the center of the discharge outlets travels farther. Air is discharged across a wide area from the four sides of the unit.



Wide Flap

A wider main flap and sub flap reduce turbulence and increase airflow. Also, a wider angle jetting port allows airflow to reach as far as five meters.

* 4-Way Cassette : 3448PU type