

Indoor Unit: High Static Pressure Ducted

High Static Pressure Duct R32 Deluxe model

Capacity		7.1kW		10.0kW		12.5kW		14.0kW		16.0kW		
Model Name	Indoor Unit	S-71PE4R	S-100PE4R	S-100PE4R	S-125PE4R	S-125PE4R	S-140PE4R	S-140PE4R	S-160PE4R	S-160PE4R	S-160PE4RA	
	Outdoor Unit	U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8	U-160PZH3R5	U-160PZH3R8	U-160PZH3R8	
Cooling capacity :	kW	7.1 (2.2 - 9.0)	10.0 (3.1 - 12.5)	10.0 (3.1 - 12.5)	12.5 (3.2 - 14.0)	12.5 (3.2 - 14.0)	14.0 (3.3 - 16.0)	14.0 (3.3 - 16.0)	16.0 (5.4-18.0)	16.0 (5.4-18.0)	16.0 (5.4-18.0)	
		8.0 (2.05 - 9.0)	12.5 (3.8 - 14.0)	12.5 (3.8 - 14.0)	14.0 (3.6 - 16.0)	14.0 (3.6 - 16.0)	16.0 (3.3 - 18.0)	16.0 (3.3 - 18.0)	18.0 (5.5-20.0)	18.0 (5.5-20.0)	18.0 (5.5-20.0)	
Heating capacity :	BTU/h	24,200 (7,500 - 30,700)	34,100 (10,600 - 42,700)	34,100 (10,600 - 42,700)	42,700 (10,900 - 47,800)	42,700 (10,900 - 47,800)	47,800 (11,300 - 54,600)	47,800 (11,300 - 54,600)	54,600 (18,400-61,400)	54,600 (18,400-61,400)	54,600 (18,400-61,400)	
		27,300 (7,000 - 30,700)	42,700 (12,800 - 47,800)	42,700 (12,800 - 47,800)	47,800 (12,300 - 54,600)	47,800 (12,300 - 54,600)	54,600 (11,300 - 61,400)	54,600 (11,300 - 61,400)	61,400 (18,800-68,200)	61,400 (18,800-68,200)	61,400 (18,800-68,200)	
EER : COP	W/W	3.55 : 4.17	3.79 : 3.99	3.79 : 3.99	3.79 : 4.24	3.79 : 4.24	3.37 : 4.10	3.37 : 4.10	3.30 : 3.75	3.30 : 3.75	3.30 : 3.75	
COP@H2 condition	W/W	4.08	3.93	3.93	4.16	4.16	4.04	4.04	3.69	3.69	3.69	
Total power input	kW	2.00 : 1.92	2.64 : 3.13	2.64 : 3.10	3.30 : 3.30	3.30 : 3.30	4.15 : 3.90	4.15 : 3.90	4.85 : 4.80	4.85 : 4.80	4.85 : 4.80	
		5.33 : 5.13	5.26 : 5.35	5.26 : 5.35	5.53 : 5.47	5.53 : 5.47	5.05 : 4.86	5.05 : 4.86	4.76 : 5.11	4.76 : 5.11	4.76 : 5.11	
TCSPF : HSPF	Residential	Average Climate	4.66 : 4.51	4.70 : 4.50	4.70 : 4.50	4.93 : 4.69	4.93 : 4.69	4.56 : 4.36	4.56 : 4.36	4.24 : 4.28	4.24 : 4.28	4.24 : 4.28
		Cold Climate	4.77 : 4.02	4.78 : 3.95	4.78 : 3.95	4.71 : 3.86	4.71 : 3.86	4.36 : 3.71	4.36 : 3.71	4.36 : 3.71	4.36 : 3.71	4.36 : 3.71
		Hot Climate	6.09 : 5.15	5.77 : 5.43	5.77 : 5.43	6.14 : 5.55	6.14 : 5.55	5.60 : 4.84	5.60 : 4.84	5.34 : 5.16	5.34 : 5.16	5.34 : 5.16
	Commercial	Average Climate	6.21 : 4.80	5.96 : 4.95	5.96 : 4.95	6.46 : 5.12	6.46 : 5.12	5.90 : 4.54	5.90 : 4.54	5.40 : 4.69	5.40 : 4.69	5.40 : 4.69
		Hot Climate	6.86 : 4.35	6.40 : 4.40	6.40 : 4.40	7.00 : 4.60	7.00 : 4.60	6.44 : 4.14	6.44 : 4.14	5.90 : 4.14	5.90 : 4.14	5.90 : 4.14
		Cold Climate	6.86 : 4.35	6.40 : 4.40	6.40 : 4.40	7.00 : 4.60	7.00 : 4.60	6.44 : 4.14	6.44 : 4.14	5.90 : 4.14	5.90 : 4.14	5.90 : 4.14
Indoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Current (rated)	A	1.46 / 1.34 1.46 / 1.34	1.82 / 1.70 1.82 / 1.70	1.82 / 1.70 1.82 / 1.70	1.83 / 1.71 1.83 / 1.71	1.83 / 1.71 1.83 / 1.71	2.61 / 2.47 2.61 / 2.47	2.61 / 2.47 2.61 / 2.47	2.61 / 2.47 2.61 / 2.47	2.61 / 2.47 2.61 / 2.47	2.61 / 2.47 2.61 / 2.47	
Dimension	H x W x D	mm	300 X 1,297 X 877	300 X 1,297 X 877	300 X 1,297 X 877	400 X 1,297 X 949	400 X 1,297 X 949	400 X 1,297 X 949	400 X 1,297 X 949	400 X 1,297 X 949	400 X 1,297 X 949	
Net weight	kg	51	51	51	61	61	61	61	61	61	61	
Air volume (H/M/L)	L/s	500 / 433 / 366 : 500 / 433 / 366	700 / 566 / 483 : 700 / 566 / 483	700 / 566 / 483 : 700 / 566 / 483	833 / 766 / 600 : 833 / 766 / 600	833 / 766 / 600 : 833 / 766 / 600	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	
External static pressure	Pa	80 (10 - 150)	80 (10 - 150)	80 (10 - 150)	80 (10 - 150)	80 (10 - 150)	80 (50 - 150)	80 (50 - 150)	80 (50 - 150)	80 (50 - 150)	80 (50 - 150)	
Sound pressure level (H/M/L)	dB(A)	43 / 39 / 35 : 43 / 39 / 35	42 / 37 / 34 : 42 / 37 / 34	42 / 37 / 34 : 42 / 37 / 34	42 / 39 / 34 : 42 / 39 / 34	42 / 39 / 34 : 42 / 39 / 34	45 / 41 / 37 : 45 / 41 / 37	45 / 41 / 37 : 45 / 41 / 37	45 / 41 / 37 : 45 / 41 / 37	45 / 41 / 37 : 45 / 41 / 37	45 / 41 / 37 : 45 / 41 / 37	
Sound power level (H/M/L)	dB	69 / 65 / 61 : 69 / 65 / 61	68 / 63 / 60 : 68 / 63 / 60	68 / 63 / 60 : 68 / 63 / 60	68 / 65 / 60 : 68 / 65 / 60	68 / 65 / 60 : 68 / 65 / 60	71 / 67 / 63 : 71 / 67 / 63	71 / 67 / 63 : 71 / 67 / 63	71 / 67 / 63 : 71 / 67 / 63	71 / 67 / 63 : 71 / 67 / 63	71 / 67 / 63 : 71 / 67 / 63	
Number of fan speeds		5	5	5	5	5	5	5	5	5	5	
Drain piping	mm	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	
Outdoor Unit		Phase/Hz		1 Phase / 50Hz		3 Phase / 50Hz		1 Phase / 50Hz		3 Phase / 50Hz		
Power source	V	230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	
Current (rated)	A	9.65 : 9.30 9.35 : 9.00	12.5 : 14.8 12.0 : 14.2	4.20 : 4.95 4.05 : 4.80	15.8 : 15.8 15.1 : 15.1	15.8 : 15.8 15.1 : 15.1	19.8 : 18.6 19.0 : 17.9	5.05 : 5.05 4.90 : 4.90	6.35 : 6.00 6.15 : 5.75	22.4 : 22.2 21.5 : 21.3	7.80 : 7.70 7.50 : 7.40	
Dimension	H x W x D	mm	996 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,500 x 980 x 370	1,500 x 980 x 370	1,500 x 980 x 370	
Net weight	kg	66	99	99	99	99	99	99	117	115	115	
Air volume	L/s	1,016 : 1,000	1,966 : 1,800	1,966 : 1,800	2,083 : 1,866	2,083 : 1,866	2,150 : 1,933	2,083 : 1,866	2,733 : 2,733	2,733 : 2,733	2,733 : 2,733	
Sound pressure level (H)	dB(A)	48 : 50	52 : 52	52 : 52	53 : 53	53 : 53	54 : 54	54 : 54	58 : 60	58 : 60	58 : 60	
Sound power level (H)	dB	64 : 66	68 : 68	68 : 68	69 : 69	69 : 69	70 : 70	70 : 70	76 : 78	76 : 78	76 : 78	
Piping connections	Liquid / Gas	mm	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø19.05 (3/4)	Ø9.52 (3/8) / Ø19.05 (3/4)	Ø9.52 (3/8) / Ø19.05 (3/4)	
Pipe length range	min. - max.	m	5 - 50	5 - 85	5 - 85	5 - 85	5 - 85	5 - 85	5 - 100	5 - 100	5 - 100	
Elevation difference (OU located lower, OU located higher)	m	15, 30	15, 30	15, 30	15, 30	15, 30	15, 30	15, 30	30, 30	30, 30	30, 30	
Maximum chargeless length	m	30	30	30	30	30	30	30	30	30	30	
Refrigerant at shipping / Additional gas amount	g	R32 1,950 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,200 / 45 (g/m)	R32 3,200 / 45 (g/m)	R32 3,200 / 45 (g/m)	
Operating range	°C	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 52 : -20 to 24	-15 to 52 : -20 to 24	-15 to 52 : -20 to 24	

Specifications of R32 Compact Model

Capacity		6.0kW		7.1kW		10.0kW		12.5kW		14.0kW	
Model Name	Indoor Unit	S-60PE4R	S-71PE4R	S-100PE4R	S-100PE4R	S-125PE4R	S-125PE4R	S-140PE4R	S-140PE4R	S-160PE4R	S-160PE4R
	Outdoor Unit	U-60PZ4R5	U-71PZ4R5	U-100PZ4R5	U-100PZ4R8	U-125PZ4R5	U-125PZ4R8	U-140PZ4R5	U-140PZ4R8	U-160PZ4R5	U-160PZ4R8
Cooling capacity :	kW	6.0 (2.0 - 7.1)	7.1 (2.6 - 7.7)	9.5 (3.0 - 11.0)	12.5 (3.2 - 13.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)	14.0 (3.3 - 15.0)	14.0 (3.3 - 15.0)	16.0 (5.4-18.0)	16.0 (5.4-18.0)
		6.0 (1.8 - 7.0)	7.1 (2.05 - 8.1)	10.0 (2.7 - 12.0)	12.5 (3.3 - 15.0)	12.5 (3.3 - 15.0)	14.0 (3.5 - 16.0)	14.0 (3.5 - 16.0)	16.0 (5.5-20.0)	16.0 (5.5-20.0)	16.0 (5.5-20.0)
Heating capacity :	BTU/h	20,500 (6,000 - 24,200)	24,200 (8,900 - 26,300)	32,400 (10,200 - 37,500)	34,100 (10,600 - 39,200)	42,700 (10,900 - 47,800)	42,700 (11,300 - 51,200)	47,800 (11,300 - 54,600)	47,800 (11,300 - 54,600)	54,600 (18,400-61,400)	54,600 (18,400-61,400)
		20,500 (6,100 - 23,900)	24,200 (7,000 - 27,600)	34,100 (9,200 - 40,900)	34,100 (10,900 - 47,800)	42,700 (11,300 - 51,200)	47,800 (11,800 - 54,600)	47,800 (11,800 - 54,600)	54,600 (18,800-68,200)	54,600 (18,800-68,200)	54,600 (18,800-68,200)
EER : COP	W/W	3.26 : 4.23	3.26 : 4.25	3.17 : 3.57	3.45 : 4.08	3.55 : 4.31	3.55 : 4.31	3.25 : 3.98	3.25 : 3.98	3.25 : 3.98	
COP@H2 condition	W/W	4.12	4.00	3.51	4.00	4.22	4.22	3.91	3.91	3.91	
Total power input	kW	1.84 : 1.42	2.18 : 1.67	3.00 : 2.80	2.90 : 2.45	3.52 : 2.90	3.52 : 2.90	4.31 : 3.52	4.31 : 3.52	4.31 : 3.52	4.31 : 3.52
		4.76 : 5.20	4.55 : 5.11	4.55 : 4.69	5.02 : 4.99	5.05 : 5.12	5.05 : 5.12	4.48 : 4.75	4.48 : 4.75	4.48 : 4.75	4.48 : 4.75
TCSPF : HSPF	Residential	Average Climate	4.26 : 4.51	4.12 : 4.48	4.09 : 3.98	4.49 : 4.40	4.49 : 4.40	4.63 : 4.09	4.63 : 4.09	4.20 : 3.77	4.20 : 3.77
		Cold Climate	4.34 : 3.91	4.20 : 3.87	4.20 : 3.50	4.61 : 3.99	4.61 : 3.99	4.63 : 4.09	4.63 : 4.09	4.20 : 3.77	4.20 : 3.77
		Hot Climate	5.26 : 5.22	4.98 : 5.11	5.00 : 4.76	5.56 : 5.01	5.56 : 5.01	4.87 : 4.75	4.87 : 4.75	4.87 : 4.75	4.87 : 4.75
	Commercial	Average Climate	5.65 : 4.83	5.21 : 4.75	5.19 : 4.37	5.76 : 4.68	5.76 : 4.68	6.32 : 4.40	6.32 : 4.40	5.58 : 4.06	5.58 : 4.06
		Hot Climate	6.09 : 4.29	5.59 : 4.22	5.60 : 3.89	6.25 : 4.30	6.25 : 4.30	6.32 : 4.40	6.32 : 4.40	5.58 : 4.06	5.58 : 4.06
		Cold Climate	6.09 : 4.29	5.59 : 4.22	5.60 : 3.89	6.25 : 4.30	6.25 : 4.30	6.32 : 4.40	6.32 : 4.40	5.58 : 4.06	5.58 : 4.06
Indoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V
Dimensions	H x W x D	mm	300 x 1,297 x 877	300 x 1,297 x 877	300 x 1,297 x 877	300 x 1,297 x 877	400 x 1,297 x 949	400 x 1,297 x 949	400 x 1,297 x 949	400 x 1,297 x 949	400 x 1,297 x 949
Net weight	kg	51	51	51	51	61	61	61	61	61	61
Air volume (H/M/L)	L/s	366 / 333 / 266 : 366 / 333 / 266	500 / 433 / 366 : 500 / 433 / 366	700 / 566 / 483 : 700 / 566 / 483	700 / 566 / 483 : 700 / 566 / 483	833 / 766 / 600 : 833 / 766 / 600	833 / 766 / 600 : 833 / 766 / 600	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700	1,000 / 833 / 700 : 1,000 / 833 / 700
External static pressure	Pa	80 (10 - 150)	80 (10 - 150)								

Indoor Unit High Static Pressure Splittable Ducted

High static and large airflow ducted for exceptional installation flexibility.

nanoe™ X
Generator Mark3
nanoe™ X as a standard



S-180PE4R
S-200PE4R
S-224PE4R



CZ-RTC6WBL*1 CZ-RTC6WZ2*1*2 CZ-RTC5B CZ-RTC4A CZ-CAPWFC2
CZ-RTC6WBLW2*1

*1 Black models are also available.
*2 Zone Controller for residential use.
Note: Product image not to scale.



Technical focus

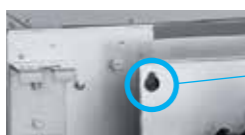
- Easy installation with splittable chassis design
- Max. 200Pa static pressure setting*1
- Design flexibility thanks to high static pressure and large air volume
- DC motor equipped
- Low power input
- Accurate temperature control to reduce cold drafts during operation
- Configurable air temperature control

*1 In case of S-224PE4R

New Ducted Model Key Factors

Bell Shaped Keyhole for Weight Support

Part of the keyhole is newly designed with a bell shape to reduce the burden of installation. It also enables temporary attachment.



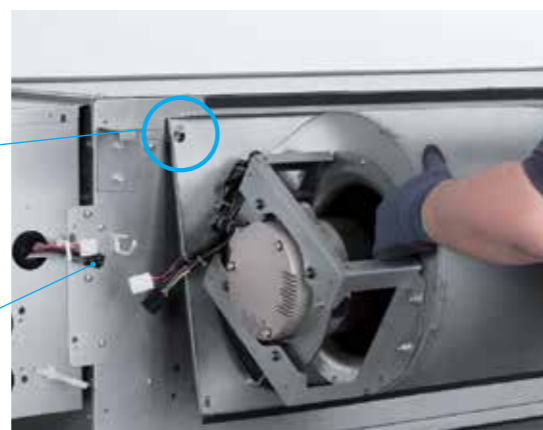
2 Wire Connectors for Easy Installation

With only 2 wire connectors, installation has become much easier and faster.



12 Bolts & Screws for Easy Assembly

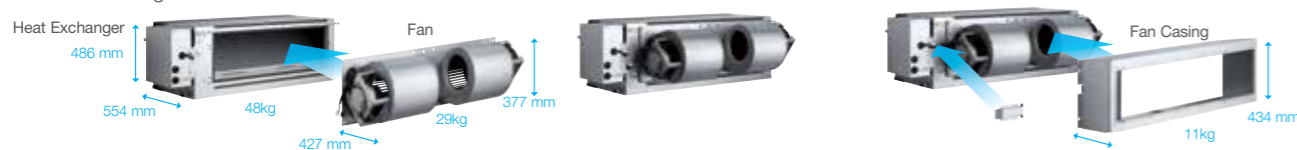
Only 12 screws and bolts need to be attached, allowing for a shorter installation time.



Easy Assembly Steps

Assembly takes three easy steps, even in limited spaces.

- 1 Install the fan to the heat exchanger and tighten the screws and bolts.
- 2 Assemble the connectors.
- 3 Install the chassis and tighten the screws and bolts.



Note: Above images are for the 22.4kW model.

Specifications of R32 Deluxe Model **R32**

Capacity		18.0kW		20.0kW		22.4kW						
Model Name	Indoor Unit	S-180PE4R	S-180PE4R	S-200PE4R	S-224PE4R	Outdoor Unit	U-180PZH3R5	U-180PZH3R8	U-200PZH3R8	U-224PZH3R8		
Cooling Capacity :	kW	18.0 (5.5-20.0)		18.0 (5.5-20.0)		20.0 (5.7-22.4)		20.0 (5.7-22.4)		22.4 (5.7-25.0)		
		20.0 (5.5-22.4)		20.0 (5.5-22.4)		22.4 (5.0-25.0)		22.4 (5.0-25.0)		25.0 (4.9-28.0)		
Heating Capacity :	BTU/h	61,400 (18,800-68,200) 68,200 (18,800-76,400)		61,400 (18,800-68,200) 68,200 (18,800-76,400)		68,200 (19,400-76,400) 76,400 (17,100-85,300)		68,200 (19,400-76,400) 76,400 (17,100-85,300)		76,400 (19,400-85,300) 85,300 (16,700-95,500)		
EER : COP	W/W	3.20 : 3.75		3.20 : 3.75		3.33 : 3.67		3.33 : 3.67		3.09 : 3.52		
COP@H2 condition	W/W	2.9		2.9		2.7		2.7		2.6		
Total power input	Cooling : Heating kW	5.63 : 5.33		5.63 : 5.33		6.00 : 6.10		6.00 : 6.10		7.24 : 7.10		
		Hot Climate 4.33 : 4.95		4.33 : 4.95		4.33 : 4.42		4.33 : 4.42		4.00 : 4.55		
TCSPF : HSPF	Residential	Average Climate	3.93 : 4.24		3.93 : 4.24		3.97 : 3.90		3.97 : 3.90		3.69 : 3.87	
		Cold Climate	4.03 : 3.72		4.03 : 3.72		4.05 : 3.45		4.05 : 3.45		3.79 : 3.38	
		Hot Climate	4.73 : 4.99		4.73 : 4.99		4.65 : 4.44		4.65 : 4.44		4.27 : 4.68	
		Cold Climate	5.12 : 4.10		5.12 : 4.10		5.01 : 3.74		5.01 : 3.74		4.57 : 3.78	
Commercial	Average Climate	4.76 : 4.58		4.76 : 4.58		4.71 : 4.14		4.71 : 4.14		4.31 : 4.29		
	Cold Climate	5.12 : 4.10		5.12 : 4.10		5.01 : 3.74		5.01 : 3.74		4.57 : 3.78		
	Hot Climate	4.73 : 4.99		4.73 : 4.99		4.65 : 4.44		4.65 : 4.44		4.27 : 4.68		
	Cold Climate	5.12 : 4.10		5.12 : 4.10		5.01 : 3.74		5.01 : 3.74		4.57 : 3.78		
Indoor Unit												
Power source	Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		
	V	230V 240V		230V 240V		230V 240V		230V 240V		230V 240V		
Current (rated)	Cooling : Heating	3.30 : 3.30 3.20 : 3.20		3.30 : 3.30 3.20 : 3.20		3.40 : 3.40 3.30 : 3.30		3.40 : 3.40 3.30 : 3.30		4.20 : 4.20 4.10 : 4.10		
Dimension	H x W x D	486 x 1456 x 916		486 x 1456 x 916		486 x 1456 x 916		486 x 1456 x 916		486 x 1,456 x 916		
Net Weight	Indoor	82		82		83		83		87		
Air volume (H/M/L)	Cooling : Heating	L/s		L/s		L/s		L/s		L/s		
		1,202 / 1,052 / 885 : 1,202 / 1,052 / 885		1,202 / 1,052 / 885 : 1,202 / 1,052 / 885		1,202 / 1,052 / 885 : 1,202 / 1,052 / 885		1,202 / 1,052 / 885 : 1,202 / 1,052 / 885		1,402 / 1,202 / 985 : 1,402 / 1,202 / 985		
External static pressure	Pa	60 (100 / 150)		60 (100 / 150)		75 (120 / 180)		75 (120 / 180)		75 (130 / 200)		
Sound Pressure Level (H/M/L)	Cooling : Heating	dB(A)		dB(A)		dB(A)		dB(A)		dB(A)		
		46 / 44 / 41 : 46 / 44 / 41		46 / 44 / 41 : 46 / 44 / 41		46 / 44 / 41 : 46 / 44 / 41		46 / 44 / 41 : 46 / 44 / 41		47 / 45 / 42 : 47 / 45 / 42		
Sound Power Level (H/M/L)	Cooling : Heating	dB		dB		dB		dB		dB		
		78 / 76 / 73 : 78 / 76 / 73		78 / 76 / 73 : 78 / 76 / 73		78 / 76 / 73 : 78 / 76 / 73		78 / 76 / 73 : 78 / 76 / 73		79 / 77 / 74 : 79 / 77 / 74		
Number of fan speeds		3		3		3		3		3		
Drain piping	mm	VP-25		VP-25		VP-25		VP-25		VP-25		
Outdoor												
Power source	Phase/Hz	1 Phase / 50Hz		3 Phase / 50Hz		3 Phase / 50Hz		3 Phase / 50Hz		3 Phase / 50Hz		
	V	230V 240V		400V 415V		400V 415V		400V 415V		400V 415V		
Current (rated)	Cooling : Heating	A		A		A		A		A		
		23.3 : 21.9 22.3 : 21.0		8.00 : 7.50 7.70 : 7.25		8.45 : 8.60 8.15 : 8.30		8.45 : 8.60 8.15 : 8.30		9.95 : 9.75 9.60 : 9.40		
Dimension	H x W x D	mm		mm		mm		mm		mm		
		1,500 x 980 x 370		1,500 x 980 x 370		1,500 x 980 x 370		1,500 x 980 x 370		1,500 x 980 x 370		
Net weight	kg	117		115		127		127		127		
Air volume	Cooling : Heating	L/s		L/s		L/s		L/s		L/s		
		2,738 : 2,738		2,738 : 2,738		2,672 : 2,672		2,672 : 2,672		2,672 : 2,672		
Sound Pressure Level (Silent mode)	Cooling : Heating	dB(A)		dB(A)		dB(A)		dB(A)		dB(A)		
		58 : 60		58 : 60		58 : 62		58 : 62		58 : 62		
Sound Power Level (Silent mode)	Cooling : Heating	dB		dB		dB		dB		dB		
		76 : 78		76 : 78		77 : 81		77 : 81		77 : 81		
Piping Connection	Liquid / Gas	mm		mm		mm		mm		mm		
		Ø9.52 / Ø19.05		Ø9.52 / Ø19.05		Ø12.7 / Ø19.05		Ø12.7 / Ø19.05		Ø12.7 / Ø19.05		
Pipe Length range	min. - max.	m		m		m		m		m		
		5 - 100		5 - 100		5 - 100		5 - 100		5 - 100		
Elevation Difference (OU located lower, OU located higher)	m	30, 30		30, 30		30, 30		30, 30		30, 30		
Maximum Chargeless length	m	30		30		30		30		30		
Refrigerant at shipping / Additional gas amount	g	R32 3,400 / 76.0 (g/m)		R32 3,400 / 76.0 (g/m)		R32 5,200 / 108.0 (g/m)		R32 5,200 / 108.0 (g/m)		R32 5,200 / 80 (g/m)		
Operation Ranges	Cooling : Heating	°C		°C		°C		°C		°C		
		-15 to 46 : -20 to 24		-15 to 52 : -20 to 24		-15 to 52 : -20 to 24		-15 to 52 : -20 to 24		-15 to 46 : -20 to 24		

Notes:

- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- AEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions

*1 For U-160PZH3R8 *2 For U-180PZH3R8

Indoor Unit: High Static Pressure Adaptive Ducted

Specifications of R32 Deluxe Model R32

Capacity		6.8kW		9.5kW		12.1kW		13.4kW	
Model Name	Indoor Unit / Outdoor Unit	S-6071PF3E / U-71PZH3R5	S-1014PF3E / U-100PZH3R5	S-1014PF3E / U-100PZH3R8	S-1014PF3E / U-125PZH3R5	S-1014PF3E / U-125PZH3R8	S-1014PF3E / U-140PZH3R5	S-1014PF3E / U-140PZH3R8	
Cooling capacity : Heating capacity	kW	6.8 (2.2 - 7.8) 7.5 (2.0 - 9.0)	9.5 (3.1 - 11.4) 10.8 (3.1 - 13.5)	9.5 (3.1 - 11.4) 10.8 (3.1 - 13.5)	12.1 (3.2 - 13.6) 13.5 (3.2 - 15.4)	12.1 (3.2 - 13.6) 13.5 (3.2 - 15.4)	13.4 (3.3 - 15.3) 15.5 (3.3 - 17.4)	13.4 (3.3 - 15.3) 15.5 (3.3 - 17.4)	
		BTU/h	23,200 (7,500 - 26,600) 25,600 (6,800 - 30,700)	32,400 (10,600 - 38,900) 36,800 (10,600 - 46,100)	32,400 (10,600 - 38,900) 36,800 (10,600 - 46,100)	41,300 (10,900 - 46,400) 46,100 (10,900 - 52,500)	41,300 (10,900 - 46,400) 46,100 (10,900 - 52,500)	45,700 (11,300 - 52,200) 52,900 (11,300 - 59,400)	45,700 (11,300 - 52,200) 52,900 (11,300 - 59,400)
EER : COP	W/W	3.74 : 4.03	4.17 : 3.97	4.17 : 3.97	3.58 : 3.46	3.58 : 3.46	3.38 : 3.44	3.38 : 3.44	
COP@H2 condition	W/W	2.96	2.90	2.90	2.60	2.60	2.68	2.68	
Total power input	kW	1.82 : 1.86	2.28 : 2.72	2.28 : 2.72	3.38 : 3.90	3.38 : 3.90	3.96 : 4.51	3.96 : 4.51	
		Residential	Hot Climate	5.40 : 5.49	5.93 : 5.57	5.93 : 5.57	5.37 : 5.32	4.98 : 4.97	4.98 : 4.97
TCSPF : HSPF	Residential	Average Climate	4.75 : 4.67	5.21 : 4.70	5.21 : 4.70	4.86 : 4.32	4.55 : 4.15	4.55 : 4.15	
		Cold Climate	4.82 : 4.13	5.29 : 4.21	5.29 : 4.21	5.03 : 3.79	4.72 : 3.65	4.72 : 3.65	
	Commercial	Hot Climate	6.02 : 5.54	6.59 : 5.61	6.59 : 5.61	5.95 : 5.44	5.49 : 5.05	5.49 : 5.05	
		Average Climate	6.25 : 5.08	6.75 : 5.13	6.75 : 5.13	6.30 : 4.87	5.74 : 4.58	5.74 : 4.58	
Cold Climate	6.76 : 4.56	7.28 : 4.65	7.28 : 4.65	6.88 : 4.31	6.88 : 4.31	6.25 : 4.08	6.25 : 4.08		
Indoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Dimension	H x W x D	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	250 X 1,400 X 730	250 X 1,400 X 730	
Net weight	Indoor	kg	30	39	39	39	39	39	
Air volume (H/M/L)	Cooling : Heating	L/s	350 / 317 / 250 : 350 / 317 / 250	534 / 434 / 350 : 534 / 434 / 350	534 / 434 / 350 : 534 / 434 / 350	567 / 484 / 384 : 567 / 484 / 384	601 / 534 / 417 : 601 / 534 / 417	601 / 534 / 417 : 601 / 534 / 417	
External static pressure	Pa	30 (10 - 150)	40 (10 - 150)	40 (10 - 150)	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	30 / 26 / 23 : 30 / 26 / 23	33 / 29 / 25 : 33 / 29 / 25	33 / 29 / 25 : 33 / 29 / 25	35 / 31 / 27 : 35 / 31 / 27	39 / 35 / 29 : 39 / 35 / 29	39 / 35 / 29 : 39 / 35 / 29	
Sound power level (H/M/L)	Cooling : Heating	dB	53 / 49 / 46 : 53 / 49 / 46	56 / 52 / 48 : 56 / 52 / 48	56 / 52 / 48 : 56 / 52 / 48	58 / 54 / 50 : 58 / 54 / 50	62 / 58 / 52 : 62 / 58 / 52	62 / 58 / 52 : 62 / 58 / 52	
Number of fan speeds			5	5	5	5	5	5	
Drain piping	mm	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	
Outdoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		3 Phase / 50Hz	
Power source	V	230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	
Current (rated)	Cooling : Heating	A	8.60 : 8.60 8.25 : 8.35	10.8 : 12.7 10.3 : 12.2	3.60 : 4.30 3.50 : 4.15	15.8 : 18.2 15.1 : 17.5	5.30 : 6.10 5.15 : 5.90	18.7 : 21.1 17.9 : 20.2	6.30 : 7.15 6.05 : 6.90
Dimensions	H x W x D	mm	996 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	
Net weight	Indoor	kg	66	99	99	99	99	99	
Air volume	Cooling : Heating	L/s	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870	2,154 : 1,937	2,154 : 1,937	
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	48 (46) : 50 (48)	52 (50) : 52 (50)	52 (50) : 52 (50)	53 (51) : 53 (51)	54 (52) : 54 (52)	54 (52) : 54 (52)	
Sound power level (Silent mode)	Cooling : Heating	dB	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)	70 (68) : 70 (68)	70 (68) : 70 (68)	
Piping connections	Liquid / Gas	mm	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m	5 - 50	5 - 85	5 - 85	5 - 85	5 - 85	5 - 85	
Elevation difference (OU located lower, OU located higher)	m	15, 30	15, 30	15, 30	15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length	m	30	30	30	30	30	30	30	
Refrigerant at shipping / Additional gas amount	g	R32 1,950 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	
Operating ranges	Cooling : Heating	°C	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	

Notes:

- In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)
- In the case of rance X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- AEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode.

*1 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

*2 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

Specifications of R32 Compact Model R32

Capacity		3.4kW		4.6kW		5.7kW		6.8kW		9.5kW		12.1kW		13.4kW	
Model Name	Indoor Unit / Outdoor Unit	S-3650PF3E / U-36PZ3R5	S-3650PF3E / U-50PZ3R5	S-6071PF3E / U-60PZ4R5	S-6071PF3E / U-71PZ4R5	S-1014PF3E / U-100PZ4R5	S-1014PF3E / U-100PZ4R8	S-1014PF3E / U-125PZ4R5	S-1014PF3E / U-125PZ4R8	S-1014PF3E / U-125PZ4R5	S-1014PF3E / U-125PZ4R8	S-1014PF3E / U-140PZ4R5	S-1014PF3E / U-140PZ4R8		
Cooling capacity : Heating capacity	kW	3.4 (1.3 - 4.0) 3.6 (1.3 - 4.6)	4.6 (1.5 - 6.3) 5.0 (1.5 - 6.9)	5.7 (1.8 - 7.0) 5.7 (1.8 - 7.0)	6.8 (2.6 - 7.7) 6.8 (2.2 - 8.1)	9.5 (3.0 - 11.0) 9.5 (2.5 - 12.0)	9.5 (3.0 - 11.0) 9.5 (3.0 - 11.0)	12.1 (3.4 - 13.5) 12.1 (3.1 - 15.0)	12.1 (3.4 - 13.5) 12.1 (3.1 - 15.0)	13.4 (3.2 - 15.0) 13.4 (3.5 - 16.0)	13.4 (3.2 - 15.0) 13.4 (3.5 - 16.0)	13.4 (3.2 - 15.0) 13.4 (3.5 - 16.0)	13.4 (3.2 - 15.0) 13.4 (3.5 - 16.0)		
		BTU/h	11,600 (4,400 - 13,600) 12,300 (4,400 - 15,700)	15,700 (5,100 - 18,100) 17,100 (5,100 - 20,100)	19,400 (6,800 - 21,500) 19,400 (6,100 - 23,900)	23,200 (8,900 - 26,300) 23,200 (7,500 - 27,600)	32,400 (10,200 - 37,500) 32,400 (8,500 - 40,900)	32,400 (10,200 - 37,500) 32,400 (10,200 - 37,500)	41,300 (11,400 - 46,100) 41,300 (10,400 - 51,200)	41,300 (11,400 - 46,100) 41,300 (10,400 - 51,200)	45,700 (10,900 - 51,200) 45,700 (11,900 - 54,600)	45,700 (10,900 - 51,200) 45,700 (11,900 - 54,600)	45,700 (10,900 - 51,200) 45,700 (11,900 - 54,600)	45,700 (10,900 - 51,200) 45,700 (11,900 - 54,600)	
EER : COP	W/W	3.78 : 4.29	3.19 : 3.62	3.45 : 4.04	3.33 : 4.15	3.57 : 4.09	3.57 : 4.09	3.57 : 4.09	3.40 : 3.56	3.40 : 3.56	3.35 : 3.76	3.35 : 3.76			
COP@H2 condition	W/W	3.09	3.33	3.97	4.08	4.01	3.98	3.98	3.70	3.70	3.70	3.70			
Total power input	kW	0.900 : 0.840	1.44 : 1.38	1.65 : 1.41	2.04 : 1.64	2.66 : 2.32	2.66 : 2.32	2.66 : 2.32	3.56 : 3.40	3.56 : 3.40	4.00 : 3.56	4.00 : 3.56			
		Residential	Hot Climate	5.11 : 5.05	4.67 : 5.09	5.06 : 5.64	4.84 : 5.42	5.12 : 5.33	5.23 : 5.04	4.96 : 5.10	4.96 : 5.10	4.67 : 5.21	4.67 : 5.21		
TCSPF : HSPF	Residential	Average Climate	4.36 : 4.57	4.23 : 4.31	4.60 : 4.71	4.44 : 4.58	4.59 : 4.53	4.51 : 4.52	4.49 : 4.22	4.49 : 4.22	4.27 : 4.32	4.27 : 4.32			
		Cold Climate	4.36 : 4.06	4.29 : 3.79	4.72 : 4.06	4.58 : 3.93	4.68 : 3.96	4.62 : 4.05	4.57 : 3.68	4.57 : 3.68	4.35 : 3.75	4.35 : 3.75			
	Commercial	Hot Climate	5.77 : 5.01	5.22 : 5.13	5.56 : 5.69	5.30 : 5.47	5.63 : 5.42	5.86 : 4.99	5.52 : 5.20	5.52 : 5.20	5.15 : 5.33	5.15 : 5.33			
		Average Climate	5.84 : 4.72	5.96 : 4.69	6.01 : 5.16	5.70 : 4.99	5.89 : 4.97	5.91 : 4.68	6.13 : 4.70	6.13 : 4.70	5.60 : 4.83	5.60 : 4.83			
Cold Climate	6.41 : 4.31	6.69 : 4.19	6.56 : 4.54	6.25 : 4.38	6.35 : 4.40	6.48 : 4.31	6.80 : 4.15	6.80 : 4.15	6.19 : 4.23	6.19 : 4.23					
Indoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz			
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V			
Dimensions	H x W x D	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	250 x 1,400 x 730	250 x 1,400 x 730			
Net weight	Indoor	kg	25	25	30	30	39	39	39	39	39	39			
Air volume (H/M/L)	Cooling : Heating	L/s	233 / 217 / 167 : 233 / 217 / 167	267 / 250 / 200 : 267 / 250 / 200	350 / 316 / 250 : 350 / 316 / 250	350 / 316 / 250 : 350 / 316 / 250	533 / 433 / 350 : 533 / 433 / 350	533 / 433 / 350 : 533 / 433 / 350	566 / 483 / 383 : 566 / 483 / 383	566 / 483 / 383 : 566 / 483 / 383	600 / 533 / 416 : 600 / 533 / 416	600 / 533 / 416 : 600 / 533 / 416			
External static pressure	Pa	30 (10 - 150)	30 (10 - 150)	30 (10 - 150)	30 (10 - 150)	40 (10 - 150)	40 (10 - 150)	40 (10 - 150)	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)				
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	30 / 27 / 22 : 30 / 27 / 22	34 / 30 / 25 : 34 / 30 / 25	30 / 26 / 23 : 30 / 26 / 23	30 / 26 / 23 : 30 / 26 / 23	33 / 29 / 25 : 33 / 29 / 25	33 / 29 / 25 : 33 / 29 / 25	35 / 31 / 27 : 35 / 31 / 27	35 / 31 / 27 : 35 / 31 / 27	39 / 35 / 29 : 39 / 35 / 29	39 / 35 / 29 : 39 / 35 / 29			
Sound power level (H/M/L)	Cooling : Heating	dB	53 / 50 / 45 : 53 / 50 / 45	57 / 53 / 48 : 57 / 53 / 48	53 / 49 / 46 : 53 / 49 / 46	53 / 49 / 46 : 53 / 49 / 46	56 / 52 / 48 : 56 / 52 / 48	56 / 52 / 48 : 56 / 52 / 48	58 / 54 / 50 : 58 / 54 / 50	58 / 54 / 50 : 58 / 54 / 50	62 / 58 / 52 : 62 / 58 / 52	62 / 58 / 52 : 62 / 58 / 52			
Number of fan speeds			5	5	5	5	5	5	5	5	5				
Drain piping	mm	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20				
Outdoor Unit		Phase/Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		3 Phase / 50Hz		1 Phase / 50Hz			
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V			
Current (rated)	Cooling : Heating	A	4.00 : 3.80 3.85 : 3.55	6.40 : 6.20 6.10 : 5.95	7.25 : 6.20 6.95 : 5.95	8.95 : 7.20 8.60 : 6.90	11.7 : 10.2 11.2 : 9.75	4.20 : 3.70 4.05 : 3.55	16.5 : 15.7 15.8 : 15.1	5.45 : 5.20 5.25 : 5.05	16.5 : 16.5 17.7 : 15.8	6.15 : 5.45 5.90 : 5.25			
Dimensions	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	795 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	Indoor	kg	31	35	35	45	55	80	83	82	83				
Air volume	Cooling : Heating	L/s	561 : 567	546 : 532	566 : 550	750 : 766	933 : 883	1,216 : 1,216	1,366 : 1,333	1,366 : 1,333	1				

Indoor Unit: 4-WAY Cassette

Specifications of R32 Deluxe Model R32

Capacity		7.1kW		10.0kW		12.5kW		14.0kW	
Model Name	Indoor Unit	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
	Outdoor Unit	U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8	
Panel		Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A		Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A		Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A		Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A	
Cooling capacity	kW	7.1 (2.2 - 9.0)	10.0 (3.1 - 12.5)	10.0 (3.1 - 12.5)	12.5 (3.2 - 14.0)	12.5 (3.2 - 14.0)	14.0 (3.3 - 16.0)	14.0 (3.3 - 16.0)	
	BTU/h	24,200 (7,500 - 30,700)	34,100 (10,600 - 42,700)	34,100 (10,600 - 42,700)	42,700 (10,900 - 47,800)	42,700 (10,900 - 47,800)	47,800 (11,300 - 54,600)	47,800 (11,300 - 54,600)	
Heating capacity	kW	8.0 (2.0 - 9.0)	11.2 (3.1 - 14.0)	11.2 (3.1 - 14.0)	14.0 (3.2 - 16.0)	14.0 (3.2 - 16.0)	16.0 (3.3 - 18.0)	16.0 (3.3 - 18.0)	
EER : COP	W/W	4.06 : 4.30	4.41 : 5.00	4.41 : 5.00	3.80 : 4.61	3.80 : 4.61	3.41 : 4.30	3.41 : 4.30	
COP@H2 condition	W/W	2.60	2.90	2.90	2.70	2.70	2.50	2.50	
Total power input	kW	1.75 : 1.86	2.27 : 2.24	2.27 : 2.24	3.29 : 3.04	3.29 : 3.04	4.11 : 3.72	4.11 : 3.72	
TCSPF : HSPF	Residential	Hot Climate	5.86 : 5.68	6.24 : 5.68	6.24 : 5.68	5.71 : 5.63	5.71 : 5.63	5.35 : 5.60	5.35 : 5.60
		Average Climate	5.10 : 4.77	5.53 : 5.15	5.53 : 5.15	5.20 : 4.88	5.20 : 4.88	4.93 : 4.71	4.93 : 4.71
		Cold Climate	5.16 : 4.11	5.64 : 4.63	5.64 : 4.63	5.39 : 4.28	5.39 : 4.28	5.17 : 4.01	5.17 : 4.01
	Commercial	Hot Climate	6.58 : 5.81	6.96 : 5.66	6.96 : 5.66	6.36 : 5.74	6.36 : 5.74	5.96 : 5.76	5.96 : 5.76
		Average Climate	6.83 : 5.30	7.09 : 5.35	7.09 : 5.35	6.72 : 5.32	6.72 : 5.32	6.43 : 5.25	6.43 : 5.25
		Cold Climate	7.41 : 4.63	7.69 : 4.92	7.69 : 4.92	7.37 : 4.72	7.37 : 4.72	7.10 : 4.53	7.10 : 4.53

Notes:

- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min) shall be multiplied by 16.7 and rounded down the decimal point.
- AER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- H:High at setting 5 stage (Level 5), M:Middle at setting 5 stage (Level 3), L:Low at setting 5 stage (Level 1)

*1 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

*2 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

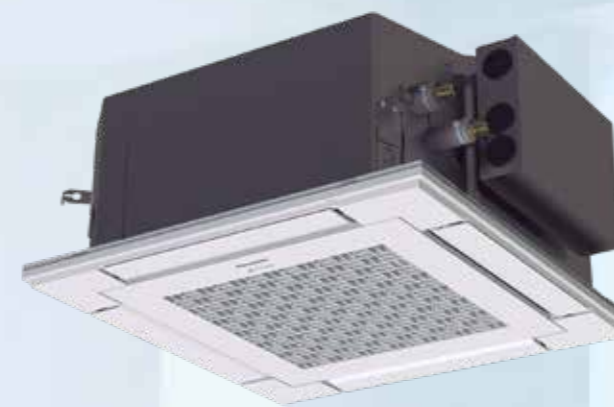
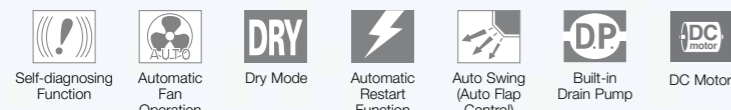
Specifications of R32 Compact Model R32

Capacity		6.0kW		7.1kW		10.0kW		12.5kW		14.0kW	
Model Name	Indoor Unit	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	
	Outdoor Unit	U-60PZ4R5	U-71PZ4R5	U-100PZ4R5	U-100PZ4R8	U-125PZ4R5	U-125PZ4R8	U-140PZ4R5	U-140PZ4R8		
Panel		Standard type:CZ-KPU3,CZ-KPU3W ECONAVI type:CZ-KPU3A,CZ-KPU3AW		Standard type:CZ-KPU3,CZ-KPU3W ECONAVI type:CZ-KPU3A,CZ-KPU3AW		Standard type:CZ-KPU3,CZ-KPU3W ECONAVI type:CZ-KPU3A,CZ-KPU3AW		Standard type:CZ-KPU3,CZ-KPU3W ECONAVI type:CZ-KPU3A,CZ-KPU3AW		Standard type:CZ-KPU3,CZ-KPU3W ECONAVI type:CZ-KPU3A,CZ-KPU3AW	
Cooling capacity	kW	6.0 (2.0 - 7.1)	7.1 (2.6 - 7.7)	10.0 (3.0 - 11.0)	10.0 (3.0 - 11.0)	12.5 (3.2 - 13.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)	14.0 (3.3 - 15.0)		
	BTU/h	20,500 (6,800 - 24,200)	24,200 (8,900 - 26,300)	34,100 (10,200 - 37,500)	34,100 (10,200 - 37,500)	42,700 (10,900 - 46,100)	42,700 (10,900 - 46,100)	47,800 (11,300 - 51,200)	47,800 (11,300 - 51,200)		
Heating capacity	kW	6.0 (1.8 - 7.0)	7.1 (2.1 - 8.1)	10.0 (2.6 - 12.0)	10.0 (2.6 - 12.0)	12.5 (3.1 - 15.0)	12.5 (3.1 - 15.0)	14.0 (3.2 - 16.0)	14.0 (3.2 - 16.0)		
EER : COP	W/W	3.82 : 4.48	3.50 : 4.44	3.82 : 4.93	3.82 : 4.93	3.58 : 4.43	3.58 : 4.43	3.23 : 4.18	3.23 : 4.18		
COP@H2 condition	W/W	4.39	4.36	4.84	4.84	4.33	4.33	4.10	4.10		
Total power input	kW	1.57 : 1.34	2.03 : 1.60	2.62 : 2.03	2.62 : 2.03	3.49 : 2.82	3.49 : 2.82	4.34 : 3.35	4.34 : 3.35		
TCSPF : HSPF	Residential	Hot Climate	5.74 : 6.69	5.18 : 5.79	5.76 : 6.14	5.77 : 6.43	5.34 : 5.60	5.34 : 5.60	4.95 : 5.66	4.95 : 5.66	
		Average Climate	5.13 : 5.44	4.69 : 4.90	5.18 : 5.26	5.00 : 5.05	4.71 : 4.88	4.71 : 4.88	4.51 : 4.76	4.51 : 4.76	
		Cold Climate	5.30 : 4.45	4.86 : 4.11	5.39 : 4.52	5.09 : 4.62	4.87 : 4.17	4.87 : 4.17	4.68 : 3.99	4.68 : 3.99	
	Commercial	Hot Climate	6.38 : 6.71	5.78 : 5.80	6.41 : 6.22	6.60 : 5.34	5.96 : 5.57	5.96 : 5.57	5.46 : 5.70	5.46 : 5.70	
		Average Climate	6.64 : 5.97	6.57 : 5.28	6.57 : 5.10	7.05 : 5.10	5.99 : 5.14	5.99 : 5.14	5.88 : 5.17	5.88 : 5.17	
		Cold Climate	7.23 : 5.06	6.82 : 4.58	7.18 : 5.02	7.93 : 4.78	6.54 : 4.55	6.54 : 4.55	6.41 : 4.48	6.41 : 4.48	

Indoor Unit Low Profile Mini Cassette

Redesigned for a lower vertical profile, it fits easily into a standard 60 x 60cm ceiling grid without the need to alter bar configuration. This makes the Low Profile Mini Cassette ideal for small commercial and retrofit applications, in particular those with lower ceilings.

nanoe™ X
Generator Mark2
nanoe™ X as a standard



S-25PY3E
S-36PY3E
S-50PY3E
S-60PY3E



Panel CZ-KPY4



CZ-RTC6WBL*1 CZ-RTC5B CZ-RTC4A CZ-CAPWFC2

CZ-RTC6WBLW2*1

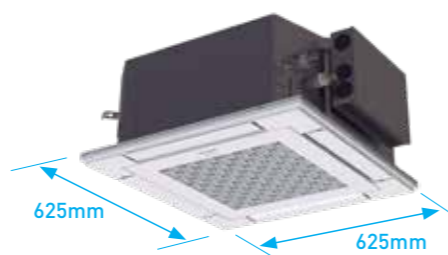
*1 Black models are also available.
Note: Product image not to scale.

Technical focus

- Market-leading energy efficiency
- Compact design (230mm High)
- Easy installation
- Built-in drain pump
- Mini cassette fits into a 600 x 600mm ceiling grid
- Powerful drain pump gives 850mm lift
- DC fan motor with variable speed and a new heat exchanger ensures efficient power consumption
- Multi-directional air flow

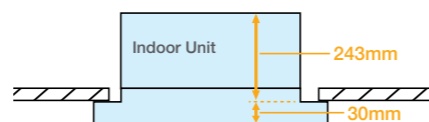
Compact, stylish design

Thanks to advanced Panasonic design the panel is a compact 625 x 625mm, offering elegant, unobtrusive installation even where space is limited.



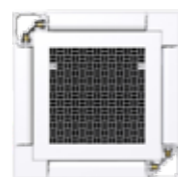
Lighter and slimmer for easier installation

When only 230mm of indoor body height, it can easily fit in limited spaces and tight spots. (Required 243mm from bottom of panel to top of the unit)



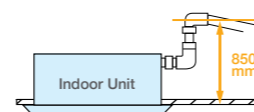
Individual flap control

Keep everyone comfortable by directing air where it's needed and away from where it isn't with individual flap control.



A drain height of up to 850mm from the ceiling surface

The internal pump allows the drain pipe to be elevated up to 850mm above the base of the unit.



Specifications

Capacity		2.5KW	3.5KW	5.0KW	6.0KW	
model Name	Indoor Unit	S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E	
	Outdoor Unit	U-25PZ3R5	U-36PZ3R5	U-50PZ3R5	U-60PZ4R5	
	Panel	CZ-KPY4	CZ-KPY4	CZ-KPY4	CZ-KPY4	
	Receiver	CZ-RWR3	CZ-RWR3	CZ-RWR3	CZ-RWR3	
Cooling capacity :	kW	2.5 (1.3-3.9)	3.6 (1.5-4.0)	5.0 (1.5-6.4)	6.0 (2.0-7.0)	
	Heating capacity	3.2 (1.3-4.6)	3.6 (1.3-4.6)	5.0 (1.5-6.4)	6.0 (1.8-7.0)	
BTU/h		8,500 (4,400-13,300)	12,300 (5,100-13,600)	17,100 (5,100-21,800)	20,500 (6,800-23,900)	
		10,900 (4,400-15,700)	12,300 (4,400-15,700)	17,100 (5,100-21,800)	20,500 (6,100-23,900)	
EER : COP	W/W	4.46 : 4.44	4.55 : 4.29	3.50 : 3.94	3.33 : 3.49	
Power input (min - max)	Cooling : Heating	kW	0.56(0.27-1.10):0.72(0.25-1.35)	0.91(0.28-1.12):0.84(0.25-1.36)	1.43(0.27-2.20):1.27(0.27-2.20)	1.80(0.34-2.53):1.72(0.34-2.45)
Indoor Unit						
Power source	Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	
	V	230V 240V	230V 240V	230V 240V	230V 240V	
Dimensions	H x W x D	mm 243 x 575 x 575	mm 243 x 575 x 575	mm 243 x 575 x 575	mm 243 x 575 x 575	
Net weight	kg	15	15	15	15	
Air volume	Cooling : Heating	L/s 141 : 141	158 : 158	200 : 200	233 : 233	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A) 31/28/25 : 31/28/25	34/30/25 : 34/30/25	39/34/27 : 39/34/27	43/37/31 : 43/37/31	
Sound power level (H/M/L)	Cooling : Heating	dB(A) 46/43/40 : 46/43/40	49/45/40 : 49/45/40	54/49/42 : 54/49/42	58/52/46 : 58/52/46	
Outdoor Unit						
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	
	V	230V 240V	230V 240V	230V 240V	230V 240V	
Current	Cooling, Heating	A 2.55, 3.25 2.45, 3.10	4.05, 3.75 3.85, 3.60	6.35, 5.70 6.10, 5.45	7.90, 7.60 7.55, 7.25	
Dimensions	H x W x D	mm 619 x 824 x 299	mm 619 x 824 x 299	mm 619 x 824 x 299	mm 619 x 824 x 299	
Net weight	kg	31	31	35	35	
Piping connections	Liquid / Gas	mm Ø6.35 / Ø12.7	mm Ø6.35 / Ø12.7	mm Ø6.35 / Ø12.7	mm Ø6.35 / Ø12.7	
Pipe length	min. - max.	m 3 - 20	m 3 - 20	m 3 - 30	m 3 - 30	
Elevation difference	m	15	15	15	15	
Operation ranges	Cooling : Heating	°C -10 - +46 : -15 - +24	-10 - +46 : -15 - +24	-10 - +46 : -15 - +24	-10 - +46 : -15 - +24	

Notes:
The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823
• Cooling: Indoor temperature: 27°C DB/ 19°C WB, Outdoor temperature: 35°C DB/ 24°C WB
• Heating: Indoor temperature: 20°C DB/ 15°C WB, Outdoor temperature: 7°C DB/ 6°C WB

Indoor Unit: Under Ceiling

Specifications of R32 Deluxe Model R32

Capacity		9.5kW		12.1kW		13.4kW		
Model Name	Indoor Unit	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	
	Outdoor Unit	U-71PZ3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8	
Cooling capacity : Heating capacity	kW	9.5 (3.1 - 12.5) 11.2 (3.1 - 14.0)	9.5 (3.1 - 12.5) 11.2 (3.1 - 14.0)	12.1 (3.2 - 14.0) 14.0 (3.2 - 16.0)	12.1 (3.2 - 14.0) 14.0 (3.2 - 16.0)	13.4 (3.3 - 16.0) 16.0 (3.3 - 18.0)	13.4 (3.3 - 16.0) 16.0 (3.3 - 18.0)	
	BTU/h	32,400 (10,600 - 42,700) 38,200 (10,600 - 47,800)	32,400 (10,600 - 42,700) 38,200 (10,600 - 47,800)	41,300 (10,900 - 47,800) 47,800 (10,900 - 54,600)	41,300 (10,900 - 47,800) 47,800 (10,900 - 54,600)	45,700 (11,300 - 54,600) 54,600 (11,300 - 61,400)	45,700 (11,300 - 54,600) 54,600 (11,300 - 61,400)	
EER : COP	W/W	4.15 : 4.09	4.15 : 4.09	3.51 : 3.78	3.51 : 3.78	3.21 : 3.48	3.21 : 3.48	
COP@H2 condition	W/W	2.72	2.72	2.52	2.52	2.37	2.37	
Total power input	Cooling : Heating	2.29 : 2.74	2.29 : 2.74	3.45 : 3.70	3.45 : 3.70	4.17 : 4.60	4.17 : 4.60	
	Hot Climate	6.07 : 5.59	6.07 : 5.59	5.42 : 5.37	5.42 : 5.37	5.07 : 5.26	5.07 : 5.26	
TCSPF : HSPF	Residential	Average Climate	5.25 : 4.74	5.25 : 4.74	4.85 : 4.44	4.85 : 4.44	4.61 : 4.22	4.61 : 4.22
		Cold Climate	5.33 : 4.21	5.33 : 4.21	5.03 : 3.84	5.03 : 3.84	4.82 : 3.58	4.82 : 3.58
	Commercial	Hot Climate	6.84 : 5.66	6.84 : 5.66	6.07 : 5.50	6.07 : 5.50	5.66 : 5.45	5.66 : 5.45
		Average Climate	6.95 : 5.18	6.95 : 5.18	6.41 : 4.97	6.41 : 4.97	6.10 : 4.83	6.10 : 4.83
Cold Climate	7.54 : 4.66	7.54 : 4.66	7.03 : 4.35	7.03 : 4.35	6.71 : 4.13	6.71 : 4.13		
Indoor Unit								
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	
	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Dimension	H x W x D	Indoor	mm	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	40	40	40	40	40	
Air volume (H/M/L)	Cooling : Heating	L/s	501 / 417 / 384 : 501 / 417 / 384	501 / 417 / 384 : 501 / 417 / 384	567 / 467 / 400 : 567 / 467 / 400	567 / 467 / 400 : 567 / 467 / 400	584 / 484 / 417 : 584 / 484 / 417	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	42 / 37 / 34 : 42 / 37 / 34	42 / 37 / 34 : 42 / 37 / 34	46 / 40 / 35 : 46 / 40 / 35	46 / 40 / 35 : 46 / 40 / 35	47 / 41 / 36 : 47 / 41 / 36	
Sound power level (H/M/L)	Cooling : Heating	dB	60 / 55 / 52 : 60 / 55 / 52	60 / 55 / 52 : 60 / 55 / 52	64 / 58 / 53 : 64 / 58 / 53	64 / 58 / 53 : 64 / 58 / 53	65 / 59 / 54 : 65 / 59 / 54	
Number of fan speeds			5	5	5	5	5	
Drain piping	mm	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	
Outdoor Unit								
Power source	Phase/Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	
	V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	
Current (rated)	Cooling : Heating	A	10.8 : 12.9 10.4 : 12.4	3.65 : 4.35 3.45 : 4.15	16.1 : 17.3 15.5 : 16.6	5.40 : 5.85 5.20 : 5.65	19.5 : 21.5 18.7 : 20.6	6.55 : 7.30 6.30 : 6.95
Dimension	H x W x D	mm	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	
Net weight		kg	99	99	99	99	99	
Air volume	Cooling : Heating	L/s	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870	2,087 : 1,870	2,154 : 1,937	
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	52 (50) : 52 (50)	52 (50) : 52 (50)	53 (51) : 53 (51)	53 (51) : 53 (51)	54 (52) : 54 (52)	
Sound power level (Silent mode)	Cooling : Heating	dB	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)	69 (67) : 69 (67)	70 (68) : 70 (68)	
Piping connections	Liquid / Gas	mm	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m	5 - 85	5 - 85	5 - 85	5 - 85	5 - 85	
Elevation difference (OU located lower, OU located higher)		m	15, 30	15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length		m	30	30	30	30	30	
Refrigerant at shipping / Additional gas amount		g	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	
Operating range	Cooling : Heating	°C	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	

Specifications of R32 Compact Model R32

Capacity		6.0kW		6.8kW		10.0kW		12.5kW		13.6kW	
Model Name	Indoor Unit	S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
	Outdoor Unit	U-60PZ4R5	U-71PZ4R5	U-100PZ4R5	U-100PZ4R8	U-125PZ4R5	U-125PZ4R8	U-140PZ4R5	U-140PZ4R8	U-140PZ4R5	U-140PZ4R8
Cooling capacity : Heating capacity	kW	6.0 (2.0 - 7.1) 6.0 (1.8 - 7.0)	6.8 (2.6 - 7.7) 6.8 (2.25 - 8.1)	10.0 (2.6 - 11.0) 10.0 (2.6 - 12.0)	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)	12.5 (3.2 - 13.5) 12.5 (3.0 - 15.0)	12.5 (3.2 - 13.5) 12.5 (3.0 - 15.0)	13.6 (3.3 - 15.0) 14.0 (3.1 - 16.0)	13.6 (3.3 - 15.0) 14.0 (3.1 - 16.0)	13.6 (3.3 - 15.0) 14.0 (3.1 - 16.0)	13.6 (3.3 - 15.0) 14.0 (3.1 - 16.0)
	BTU/h	20,500 (6,800 - 24,200) 20,500 (6,100 - 23,900)	23,200 (8,900 - 26,300) 23,200 (7,700 - 27,600)	34,100 (8,900 - 37,500) 34,100 (8,900 - 40,900)	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)	42,700 (10,900 - 46,100) 42,700 (10,200 - 51,200)	42,700 (10,900 - 46,100) 42,700 (10,200 - 51,200)	42,700 (10,900 - 46,100) 42,700 (10,200 - 51,200)	46,400 (11,300 - 51,200) 47,800 (10,600 - 54,600)	46,400 (11,300 - 51,200) 47,800 (10,600 - 54,600)	46,400 (11,300 - 51,200) 47,800 (10,600 - 54,600)
EER : COP	W/W	3.82 : 4.41	3.62 : 4.33	3.64 : 4.24	3.64 : 4.24	3.32 : 3.89	3.32 : 3.89	3.15 : 3.70	3.15 : 3.70	3.15 : 3.70	3.15 : 3.70
COP@H2 condition	W/W	4.29	4.23	4.17	4.13	3.81	3.81	3.64	3.64	3.64	3.64
Total power input	Cooling : Heating	1.57 : 1.36	1.88 : 1.57	2.75 : 2.36	2.75 : 2.36	3.76 : 3.21	3.76 : 3.21	4.32 : 3.78	4.32 : 3.78	4.32 : 3.78	4.32 : 3.78
	Hot Climate	5.18 : 6.06	5.18 : 5.61	5.24 : 5.58	5.24 : 5.58	4.97 : 5.43	4.97 : 5.43	4.80 : 5.35	4.80 : 5.35	4.80 : 5.35	4.80 : 5.35
TCSPF : HSPF	Residential	Average Climate	4.54 : 5.02	4.59 : 4.77	4.84 : 4.89	4.83 : 4.78	4.43 : 4.47	4.43 : 4.47	4.32 : 4.28	4.32 : 4.28	4.32 : 4.28
		Cold Climate	4.61 : 4.21	4.70 : 4.03	4.99 : 4.21	4.70 : 4.15	4.57 : 3.78	4.57 : 3.78	4.47 : 3.57	4.47 : 3.57	4.47 : 3.57
	Commercial	Hot Climate	5.63 : 6.12	5.73 : 5.64	5.84 : 5.62	5.84 : 5.60	5.51 : 5.53	5.51 : 5.53	5.34 : 5.52	5.34 : 5.52	5.34 : 5.52
		Average Climate	5.63 : 5.52	5.81 : 5.14	6.18 : 5.45	6.12 : 5.14	5.75 : 4.98	5.75 : 4.98	5.65 : 4.89	5.65 : 4.89	5.65 : 4.89
Cold Climate	5.98 : 4.75	6.26 : 4.49	6.74 : 4.75	6.63 : 4.57	6.24 : 4.29	6.24 : 4.29	6.18 : 4.14	6.18 : 4.14	6.18 : 4.14	6.18 : 4.14	
Indoor Unit											
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V
Dimension	H x W x D	Indoor	mm	235 X 1,275 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	235 X 1,590 X 690	235 X 1,590 X 690
Net weight	Indoor	kg	34	34	40	40	40	40	40	40	40
Air volume (H/M/L)	Cooling : Heating	L/s	333 / 283 / 241 : 333 / 283 / 241	350 / 300 / 258 : 350 / 300 / 258	500 / 416 / 383 : 500 / 416 / 383	500 / 416 / 383 : 500 / 416 / 383	566 / 466 / 400 : 566 / 466 / 400	566 / 466 / 400 : 566 / 466 / 400	583 / 483 / 416 : 583 / 483 / 416	583 / 483 / 416 : 583 / 483 / 416	583 / 483 / 416 : 583 / 483 / 416
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	38 / 34 / 29 : 38 / 34 / 29	39 / 35 / 30 : 39 / 35 / 30	42 / 37 / 34 : 42 / 37 / 34	42 / 37 / 34 : 42 / 37 / 34	46 / 40 / 35 : 46 / 40 / 35	46 / 40 / 35 : 46 / 40 / 35	47 / 41 / 36 : 47 / 41 / 36	47 / 41 / 36 : 47 / 41 / 36	
Sound power level (H/M/L)	Cooling : Heating	dB	56 / 52 / 47 : 56 / 52 / 47	57 / 53 / 48 : 57 / 53 / 48	60 / 55 / 52 : 60 / 55 / 52	60 / 55 / 52 : 60 / 55 / 52	64 / 58 / 53 : 64 / 58 / 53	64 / 58 / 53 : 64 / 58 / 53	65 / 59 / 54 : 65 / 59 / 54	65 / 59 / 54 : 65 / 59 / 54	
Number of fan speeds			5	5	5	5	5	5	5	5	
Drain piping	mm	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	
Outdoor Unit											
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	V	230V 240V	230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V
Current (rated)	Cooling : Heating	A	6.90 : 5.95 6.60 : 5.70	8.25 : 6.90 7.90 : 6.60	12.1 : 10.4 11.6 : 9.95	4.35 : 3.75 4.20 : 3.60	17.4 : 14.8 16.7 : 14.2	5.75 : 4.95 5.55 : 4.75	20.0 : 17.5 19.1 : 16.8	6.65 : 5.80 6.40 : 5.60	6.65 : 5.80 6.40 : 5.60
Dimension	H x W x D	mm	619 x 824 x 299	695 x 875 x 320	795 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	996 x 980 x 370
Net weight		kg	35	45	55	80	83	82	83	82	82
Air volume	Cooling : Heating	L/s	566 : 550	750 : 766	933 : 883	1,216 : 1,216	1,366 : 1,333	1,366 : 1,333	1,400 : 1,366	1,400 : 1,366	1,400 : 1,366
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	47 : 47	47 : 49	54 : 54	52 : 52	55 : 55	55 : 55	56 : 56	56 : 56	
Sound power level (Silent mode)	Cooling : Heating	dB	65 : 65	65 : 67	72 : 72	70 : 70	73 : 73	73 : 73	74 : 74	74 : 74	
Piping connections	Liquid / Gas	mm	Ø6.35 / Ø12.70	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m	3 - 30	3 - 30	3 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation difference (OU located lower, OU located higher)		m	15, 15	20, 20	20, 20	15, 30	15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length		m	10	10	10	30	30	30	30	30	
Refrigerant at shipping / Additional gas amount		g	R32 1,220 / 15 (g/m)	R32 1,350 / 25 (g/m)	R32 1,930 / 25 (g/m)	R32 2,400 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	
Operating range	Cooling : Heating	°C	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	

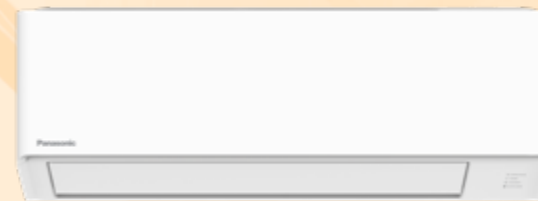
- Notes:
- In the case of nanoe X OFF
 - In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
 - AEEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
 - TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
 - *1 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.
 - *2 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

NEW

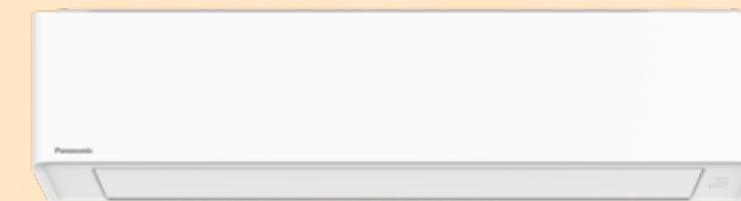
Wall Mounted

Providing small, lightweight and low noise level design, it is ideal for small offices and other commercial applications. It also has a stylish smooth design with a washable front panel.

nanoe™ X
Generator Mark3
 nanoe™ X as a standard



S-25PK4R
S-50PK4R



S-71PK4R
S-100PK4R



CZ-RTC6WBL*1 CZ-RTC5B CZ-RTC4A CZ-CAPWFC2

*1 Black models are also available.
 Note: Product image not to scale.

Technical focus

- Closed discharge port when not in use
- Lighter and smaller units make installation easy
- Quiet operation
- Smooth and durable design
- Piping outlet in six directions
- Washable front panel
- Air distribution is automatically altered depending on the operational mode of the unit

Closed discharge port

When the unit is turned off, the flap closes completely to prevent entry of dust into the unit and to keep the equipment clean.

Piping outlet in six directions

Piping outlet is possible in the six directions of right, right rear, right bottom, left, left rear, left bottom, making installation easier.

Efficient installation made possible with support holders and drain hose lock mechanism

Secure connection between drain tray and drain hose with lock for tight fastening during installation and for ease of dismantling.

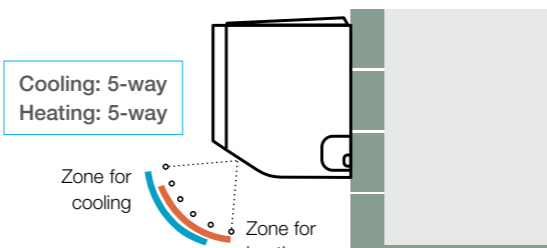


Securely hold the indoor unit against the wall, providing unobstructed access to install drain hose and piping.



Air distribution is automatically altered depending on the operational mode of the unit

The new PK4 features a five-position automatic airflow adjuster for both cooling & heating.



Specifications R32 REFRIGERANT

Capacity		2.5kW	5.0kW	7.1kW	10.0kW		
Model Name	Indoor Unit	S-25PK4R	S-50PK4R	S-71PK4R	S-100PK4R	S-100PK4R	
	Outdoor Unit	CU-RZ25AKR	CU-RZ50AKR	CU-RZ71AKR	CU-RZ95AKR	U-100PZ4R8	
Cooling capacity :	kW	2.5 (1.0 - 3.7)	5.0 (1.2 - 6.1)	7.1 (1.9 - 8.5)	8.8 (2.8 - 9.7)	9.0 (2.8 - 9.7)	
		3.0 (1.0 - 4.4)	6.0 (1.1 - 7.7)	8.0 (1.9 - 10.6)	9.0 (2.7 - 10.5)	9.0 (3.0 - 10.5)	
Heating capacity	BTU/h	8,500 (3,200 - 12,600)	17,100 (4,100 - 20,800)	24,200 (6,500 - 29,000)	30,000 (9,600 - 33,100)	30,700 (9,600 - 33,100)	
		10,200 (3,400 - 15,000)	20,500 (3,800 - 26,300)	27,300 (6,500 - 36,200)	30,700 (9,200 - 35,800)	30,700 (10,200 - 35,800)	
EER : COP	W/W	4.31 : 4.62	3.31 : 3.37	3.45 : 3.83	3.32 : 3.93	3.40 : 3.85	
COP@H2 condition	W/W	4.48	3.33	3.79	3.89	3.76	
Total power input	Cooling : Heating kW	0.58 : 0.65	1.51 : 1.78	2.06 : 2.09	2.65 : 2.29	2.65 : 2.34	
TCSPF : HSPF	Residential	Average Climate	5.03 : 4.82	4.83 : 4.04	5.02 : 4.45	4.66 : 4.44	4.31 : 4.41
		Cold Climate	5.03 : 4.25	5.02 : 3.50	5.24 : 3.82	4.87 : 3.89	4.41 : 3.88
	Commercial	Hot Climate	7.09 : 5.30	6.07 : 4.80	6.11 : 5.16	5.51 : 5.32	5.38 : 5.13
		Average Climate	7.15 : 5.00	7.01 : 4.37	7.05 : 4.74	5.91 : 4.87	5.48 : 4.72
		Cold Climate	8.12 : 4.52	8.29 : 3.88	8.25 : 4.19	6.46 : 4.33	5.92 : 4.24
Power source	Phase/Hz V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	
Dimensions	H x W x D	290 x 765 x 214	290 x 765 x 214	295 x 1,060 x 249	295 x 1,060 x 249	295 x 1,060 x 249	
Net weight		9	9	14	14	14	
Air volume (H/M/L)	Cooling : Heating L/s	188 / 133 / 96 200 / 146 / 110	208 / 166 / 138 228 / 176 / 138	375 / 305 / 235 375 / 305 / 235	375 / 333 / 291 375 / 333 / 291	375 / 333 / 291 375 / 333 / 291	
Sound pressure level (H/M/L)	Cooling : Heating dB(A)	40 / 33 / 25 : 40 / 34 / 27	44 / 39 / 34 : 44 / 40 / 33	49 / 43 / 37 : 49 / 43 / 37	49 / 45 / 41 : 49 / 45 / 41	49 / 45 / 41 : 49 / 45 / 41	
Sound power level (H/M/L)	Cooling : Heating dB	56 / 49 / 41 : 56 / 50 / 43	60 / 55 / 50 : 60 / 56 / 49	65 / 59 / 53 : 65 / 59 / 53	65 / 61 / 57 : 65 / 61 / 57	65 / 61 / 57 : 65 / 61 / 57	
Number of fan speeds		5	5	5	5	5	
Drain pipe size	mm	VP-16	VP-16	VP-16	VP-16	VP-16	
Outdoor Unit							
Power source	Phase/Hz V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	3 Phase / 50Hz 400V 415V	
Current (rated)	Cooling : Heating A	2.65 : 3.00 2.55 : 2.90	6.70 : 7.80 6.50 : 7.50	9.15 : 9.25 8.75 : 8.90	11.8 : 10.1 11.3 : 9.65	4.10 : 3.65 3.95 : 3.50	
Dimensions	H x W x D	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	795 x 875 x 320	996 x 980 x 370	
Net weight		25	35	45	55	83	
Air volume	Cooling : Heating L/s	533 : 500	550 : 550	750 : 766	933 : 883	1,216 : 1,216	
Sound pressure level (Silent mode)	Cooling : Heating dB(A)	48 : 49	48 : 49	54 : 54	55 : 55	52 : 52	
Sound power level (Silent mode)	Cooling : Heating dB	63 : 64	63 : 64	68 : 68	69 : 69	70 : 70	
Piping connections	Liquid / Gas mm	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.70 (1/2)	Ø6.35 (1/4) / Ø15.88 (5/8)	Ø6.35 (1/4) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)*	
Pipe length range	min. - max. m	3 - 20	3 - 30	3 - 30	3 - 30	5 - 50	
Elevation difference (OU located lower, OU located higher)	m	15, 15	15, 15	20, 20	20, 20	15, 30	
Maximum chargeless length	m	7.5	10	10	10	30	
Refrigerant at shipping, Additional gas amount	g	R32 540 / 10 (g/m)	R32 1,100 / 15 (g/m)	R32 1,350 / 25 (g/m)	R32 1,930 / 25 (g/m)	R32 2,400 / 45 (g/m)	
Operating range	Cooling : Heating °C	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	

Notes:
 • In the case of nanoe X OFF
 • In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
 • AEEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
 • TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
 • Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
 • H:High at setting 5 stage (Level 5), M:Middle at setting 5 stage (Level 3), L:Low at setting 5 stage (Level 1)
 * The different-diameter-tube joint is required.