

Indoor Unit: 4-WAY Cassette

Specifications of R32 Deluxe Model



Capacity		7.1kW	10.0kW	12.5kW	14.0kW
Model Name		S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Indoor Unit		S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5
Panel		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5
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	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)
	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)
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)
	BTU/h	27,300 (6,800 - 30,700)	38,200 (10,600 - 47,800)	38,200 (10,600 - 47,800)	47,800 (10,900 - 54,600)
EER : COP	W/W	4.06 : 4.30	4.41 : 5.00	4.41 : 5.00	3.80 : 4.61
COP@H2 condition	W/W	2.60	2.90	2.90	2.70
Total power input	Cooling : Heating	1.75 : 1.86	2.27 : 2.24	2.27 : 2.24	3.29 : 3.04
	Hot Climate	5.86 : 5.68	6.24 : 5.68	6.24 : 5.68	5.71 : 5.63
TCSPPF : HSPF	Residential	Average Climate	5.10 : 4.77	5.53 : 5.15	5.53 : 5.15
		Cold Climate	5.16 : 4.11	5.64 : 4.63	5.64 : 4.63
	Commercial	Hot Climate	6.58 : 5.81	6.96 : 5.66	6.96 : 5.66
		Average Climate	6.83 : 5.30	7.09 : 5.35	7.09 : 5.35
Cold Climate	7.41 : 4.63	7.69 : 4.92	7.69 : 4.92	7.37 : 4.72	
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	256 x 840 x 840	319 x 950 x 950	319 x 840 x 840	319 x 840 x 840
	Panel	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950
Net weight	Indoor / Panel	20 / 5	25 / 5	25 / 5	25 / 5
Air volume (H/M/L)	Cooling : Heating	367 / 267 / 217 : 367 / 267 / 217	601 / 434 / 300 : 601 / 434 / 300	601 / 434 / 300 : 601 / 434 / 300	617 / 450 / 317 : 617 / 450 / 317
Sound pressure level (H/M/L)	Cooling : Heating	37 / 31 / 28 : 37 / 31 / 28	45 / 38 / 32 : 45 / 38 / 32	45 / 38 / 32 : 45 / 38 / 32	46 / 39 / 33 : 46 / 39 / 33
Sound power level (H/M/L)	Cooling : Heating	52 / 46 / 43 : 52 / 46 / 43	60 / 53 / 47 : 60 / 53 / 47	60 / 53 / 47 : 60 / 53 / 47	61 / 54 / 48 : 61 / 54 / 48
Number of fan speeds		5	5	5	5
Drain pipe size		VP-25	VP-25	VP-25	VP-25
Outdoor Unit					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz
	V	230V 240V	230V 240V	400V 415V	230V 240V
Current (rated)	Cooling : Heating	8.25 : 8.70 7.95 : 8.35	10.7 : 10.6 10.3 : 10.1	3.60 : 3.55 3.45 : 3.40	15.4 : 14.2 14.7 : 13.6
Dimension	H x W x D	996 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340
	Net weight	66	99	99	99
Air volume	Cooling : Heating	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870
Sound pressure level (Silent mode)	Cooling : Heating	48 (46) : 50 (48)	52 (50) : 52 (50)	52 (50) : 52 (50)	53 (51) : 53 (51)
Sound power level (Silent mode)	Cooling : Heating	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)
Piping connections	Liquid / Gas	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length range	min. - max.	5 - 50	5 - 85	5 - 85	5 - 85
Elevation difference (OU located lower, OU located higher)		15, 30	15, 30	15, 30	15, 30
Maximum chargeless length		30	30	30	30
Refrigerant at shipping, Additional gas amount		R32 1,950 / 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	-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 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.
- TCSPPF, 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)

Indoor Unit: High Static Pressure Adaptive Ducted

Specifications of R32 Deluxe Model

R32
REFRIGERANT

Capacity			6.8kW	9.5kW	12.1kW	13.4kW		
Model Name	Indoor Unit		S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E		
	Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5		
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)	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)	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	3.38 : 3.44	
COP@H2 condition	W/W		2.96	2.90	2.90	2.60	2.68	
Total power input	Cooling : Heating	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
TCSPF : HSPF	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
		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	6.25 : 4.08	6.25 : 4.08
Indoor 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	1 Phase / 50Hz 230V 240V	
Dimension	H x W x D	Indoor	mm	250 x 1,000 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	
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	
External static pressure		Pa	30 (10 - 150)	40 (10 - 150)	40 (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	
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	
Number of fan speeds			5	5	5	5	5	
Drain piping		mm	VP-20	VP-20	VP-20	VP-20	VP-20	
Outdoor Unit								
Power source	Phase/Hz	V	1 Phase / 50Hz 230V 240V	1 Phase / 50Hz 230V 240V	3 Phase / 50Hz 400V 415V	1 Phase / 50Hz 230V 240V	3 Phase / 50Hz 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	
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	
Net weight		kg	66	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	
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)	
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)	
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 - 50	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 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)	
Operation 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	

Notes:

- In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)
- 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 ACOOP 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.

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-71PE3R	S-100PE3R	S-100PE3R	S-125PE3R	S-140PE3R	S-140PE3R	S-160PE3R	S-160PE3R		
	Outdoor Unit	U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8	U-160PZH3R5	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 (5.2-18.0)	16.0 (5.5 - 18.0)	
	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)	54,600 (17,700-61,400)	54,600 (17,700 - 61,400)	
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)	18.0 (5.5-20.0)	18.0 (5.5 - 20.0)	
EER : COP	W/W	3.48 : 3.88	3.79 : 3.78	3.79 : 3.78	3.57 : 3.80	3.57 : 3.80	3.26 : 3.68	3.26 : 3.68	3.29 : 3.53	3.29 : 3.53	
COP@H2 condition	W/W	2.80	2.77	2.77	2.72	2.72	2.65	2.65	2.81	2.81	
Total power input	Cooling : Heating	2.04 : 2.06	2.64 : 2.96	2.64 : 2.96	3.50 : 3.68	3.50 : 3.68	4.30 : 4.35	4.30 : 4.35	4.86 : 5.10	4.86 : 5.10	
TCSPF : HSPF	Residential	Hot Climate	4.68 : 4.82	5.04 : 5.10	5.04 : 5.10	4.92 : 5.17	4.92 : 5.17	4.29 : 4.69	4.29 : 4.69	4.48 : 4.43	4.48 : 4.43
		Average Climate	4.11 : 4.22	4.46 : 4.34	4.46 : 4.34	4.49 : 4.40	4.49 : 4.40	3.92 : 4.07	3.92 : 4.07	4.03 : 3.89	4.03 : 3.89
		Cold Climate	4.19 : 3.79	4.54 : 3.93	4.54 : 3.93	4.60 : 3.90	4.60 : 3.90	4.03 : 3.62	4.03 : 3.62	4.08 : 3.49	4.08 : 3.49
	Commercial	Hot Climate	5.15 : 4.85	5.55 : 5.15	5.55 : 5.15	5.36 : 5.23	5.36 : 5.23	4.63 : 4.74	4.63 : 4.74	5.03 : 4.43	5.03 : 4.43
		Average Climate	5.00 : 4.52	5.47 : 4.73	5.47 : 4.73	5.55 : 4.80	5.55 : 4.80	4.60 : 4.39	4.60 : 4.39	5.22 : 4.13	5.22 : 4.13
		Cold Climate	5.37 : 4.11	5.87 : 4.32	5.87 : 4.32	5.97 : 4.31	5.97 : 4.31	4.91 : 3.96	4.91 : 3.96	5.79 : 3.77	5.79 : 3.77
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	1Phase / 50Hz	1 Phase / 50Hz	
	V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Current (rated)	Cooling : Heating	-*1	-*1	-*1	-*1	-*1	-*1	-*1	2.41 : 2.41 2.38 : 2.38	2.41 : 2.41 2.38 : 2.38	
Dimension	H x W x D	mm	360 x 1,200 x 700	360 x 1,200 x 700	360 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700	
Net weight	Indoor	kg	36	37	37	41	41	50	50	50	
Air volume (H/M/L)	Cooling : Heating	L/s	501 / 434 / 367 : 501 / 434 / 367	668 / 584 / 484 : 668 / 584 / 484	668 / 584 / 484 : 668 / 584 / 484	835 / 768 / 601 : 835 / 768 / 601	835 / 768 / 601 : 835 / 768 / 601	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701	
External static pressure		Pa	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (50 - 150)*2	100 (50 - 150)*2	100 / (Max 150)	100 (Max 150)	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47	
Sound power level (H/M/L)	Cooling : Heating	dB	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69	
Number of fan speeds			3	3	3	3	3	3	3	3	
Drain piping		mm	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	
Outdoor Unit											
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1Phase / 50Hz	3 Phase / 50Hz	
	V	230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V	
Current (rated)	Cooling : Heating	A	9.85 : 9.95 9.55 : 9.65	12.8 : 14.3 12.2 : 13.7	4.25 : 4.75 4.15 : 4.60	16.7 : 17.6 16.0 : 16.8	5.60 : 5.90 5.40 : 5.70	19.7 : 19.9 18.9 : 19.1	6.60 : 6.70 6.35 : 6.45	22.5 : 23.6 21.5 : 22.6	7.80 : 8.20 7.50 : 7.90
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	
Net weight	Indoor	kg	66	99	99	99	99	99	117	115	
Air volume	Cooling : Heating	L/s	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870	2,087 : 1,870	2,154 : 1,937	2,738 : 2,738	2,738 : 2,738	
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)	53 (51) : 53 (51)	54 (52) : 54 (52)	54 (52) : 54 (52)	58 : 60	
Sound power level (Silent mode)	Cooling : Heating	dB	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)	69 (67) : 69 (67)	70 (68) : 70 (68)	70 (68) : 70 (68)	76 : 78	
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	Ø9.52 / Ø19.05	Ø9.52 / Ø19.05	
Pipe length range	min. - max.	m	5 - 50	5 - 85	5 - 85	5 - 85	5 - 85	5 - 85	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	30, 30	30, 30	
Maximum chargeless length		m	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 3,200 / 63.5 (g/m)	R32 3,200 / 63.5 (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	-15 to 48 : -20 to 24	-15 to 52 : -20 to 24	-15 to 52 : -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.
 - 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.
- *1 Outdoor power supply.
 *2 Not adjustable, refer to "Indoor Fan Performance" section of technical data.

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-RTC6WZ*1*2 CZ-RTC5B CZ-RTC4 CZ-CAPWFC1

*1 Launched in 4th Quarter in CY23. Black models are also available.
*2 Zone Controller for residential use.
Note: Product image not to scale.

- Self-diagnosing Function
- Automatic Fan Operation
- DRY
- Automatic Restart Function
- DC Motor

Technical focus

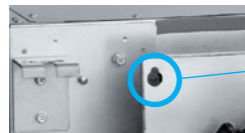
- Easy installation with splittable chassis design
- Max. 200Pa static pressure setting*1
- Design flexibility thanks to high static pressure and large air volume
- DC motor equipped
- Low power input
- Accurate temperature control to reduce cold drafts during operation
- Configurable air temperature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



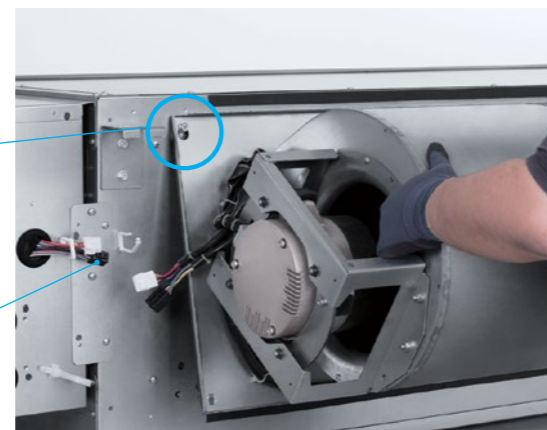
2 Wire Connectors for Easy Installation

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



12 Bolts & Screws for Easy Assembly

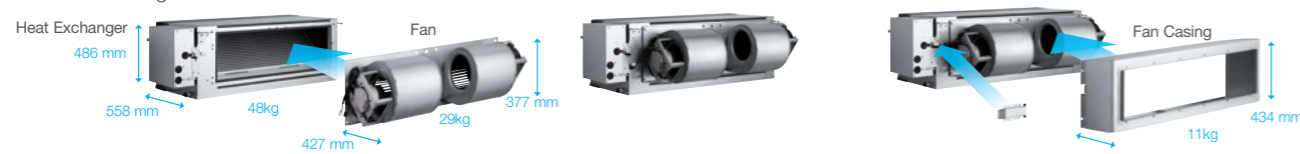
Only 12 screws and bolts need to be attached, allowing for a shorter installation time.



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



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

Specifications of R32 Deluxe Model



Capacity			6.8kW	9.5kW	12.1kW	13.4kW			
Model Name	Indoor Unit		S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E		
	Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8
Cooling capacity : Heating capacity	kW		6.8 (2.2 - 9.0) 8.0 (2.0 - 9.0)	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	23,200 (7,500 - 30,700) 27,300 (6,800 - 30,700)	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		3.91 : 3.96	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		2.60	2.72	2.72	2.52	2.52	2.37	2.37
Total power input	Cooling : Heating kW		1.74 : 2.02	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	5.96 : 5.61	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	5.13 : 4.63	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	5.24 : 4.00	5.33 : 4.21	5.33 : 4.21	5.03 : 3.84	5.03 : 3.84	4.82 : 3.58	4.82 : 3.58
		Hot Climate	6.74 : 5.74	6.84 : 5.66	6.84 : 5.66	6.07 : 5.50	6.07 : 5.50	5.66 : 5.45	5.66 : 5.45
	Commercial	Average Climate	6.92 : 5.18	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	7.55 : 4.53	7.54 : 4.66	7.54 : 4.66	7.03 : 4.35	7.03 : 4.35	6.71 : 4.13	6.71 : 4.13
		Hot Climate							
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
	V		230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V
Dimension	H x W x D	Indoor	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	34	40	40	40	40	40	40
Air volume (H/M/L)	Cooling : Heating	L/s	350 / 300 / 258 : 350 / 300 / 258	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	584 / 484 / 417 : 584 / 484 / 417
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	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	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
Drain piping	mm		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	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	V		230V 240V	230V 240V	400V 415V	230V 240V	400V 415V	230V 240V	400V 415V
Current (rated)	Cooling : Heating	A	8.20 : 9.45 7.90 : 9.05	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		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	1,416 x 940 x 340
Net weight			66	99	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	2,087 : 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)	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)	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	Ø9.52 / Ø15.88
Pipe length range	min. - max.	m	5 - 50	5 - 85	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 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	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24

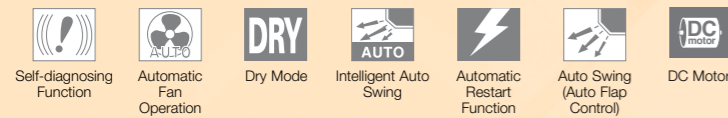
Notes:

- 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.
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- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.

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 Mark2
 nanoe™ X as a standard



*1 Launched in 4th Quarter in CY23. 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.

Quiet operation

Low operating noise level makes these units ideal for hotels and hospital applications.

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.

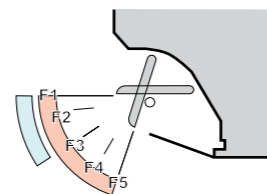
Washable front panel

The indoor unit's front panel can be easily cleaned for trouble-free maintenance.



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

Air outlet angle is automatically adjusted for cooling and heating operation.



Heating: F1 to F5
 Cooling: F1 to F3

Specifications R32 REFRIGERANT

Capacity		9.5kW		9.0kW		
Model Name	Indoor Unit / Outdoor Unit	S-100PK3R / U-100PZH3R5	S-100PK3R / U-100PZH3R8	S-100PK3R / U-100PZ3R5	S-100PK3R / U-100PZ3R8	
Cooling capacity : Heating capacity	kW	9.5 (3.1 - 10.5) / 9.5 (3.1 - 11.5)	9.5 (3.1 - 10.5) / 9.5 (3.1 - 11.5)	9.0 (3.0 - 9.7) / 9.0 (3.0 - 10.5)	9.0 (3.0 - 9.7) / 9.0 (3.0 - 10.5)	
	BTU/h	32,400 (10,600 - 35,800) / 32,400 (10,600 - 39,200)	32,400 (10,600 - 35,800) / 32,400 (10,600 - 39,200)	30,700 (10,200 - 33,100) / 30,700 (10,200 - 35,800)	30,700 (10,200 - 33,100) / 30,700 (10,200 - 35,800)	
EER : COP	W/W	3.26 : 3.97	3.26 : 3.97	3.47 : 3.93	3.47 : 3.93	
COP@H2 condition	W/W	2.50	2.50	2.53	2.53	
Total power input	Cooling : Heating kW	2.91 : 2.39 / 5.07 : 5.70	2.91 : 2.39 / 5.07 : 5.70	2.59 : 2.29 / 4.85 : 5.29	2.59 : 2.29 / 4.85 : 5.29	
	Hot Climate	5.07 : 5.70	5.07 : 5.70	4.85 : 5.29	4.85 : 5.29	
TCSPF : HSPF	Residential	Average Climate	4.52 : 4.74	4.52 : 4.74	4.21 : 4.55	4.21 : 4.55
		Cold Climate	4.72 : 4.10	4.72 : 4.10	4.27 : 3.99	4.27 : 3.99
	Commercial	Hot Climate	5.68 : 5.77	5.68 : 5.77	5.39 : 5.31	5.39 : 5.31
		Average Climate	5.85 : 5.20	5.85 : 5.20	5.42 : 4.87	5.42 : 4.87
Cold Climate	6.42 : 4.59	6.42 : 4.59	5.82 : 4.37	5.82 : 4.37		
Indoor Unit		Phase/Hz		1 Phase / 50Hz		
Power source	V	230V 240V	230V 240V	230V 240V	230V 240V	
Dimensions H x W x D	Indoor mm	302 x 1,120 x 236	302 x 1,120 x 236	302 x 1,120 x 236	302 x 1,120 x 236	
Net weight	kg	14	14	14	14	
Air volume (H/M/L)	Cooling : Heating L/s	367 / 308 / 250 / 367 / 308 / 250	367 / 308 / 250 / 367 / 308 / 250	367 / 308 / 250 / 367 / 308 / 250	367 / 308 / 250 / 367 / 308 / 250	
	Sound pressure level (H/M/L) Cooling : Heating dB(A)	49 / 45 / 41 : 49 / 45 / 41	49 / 45 / 41 : 49 / 45 / 41	49 / 45 / 41 : 49 / 45 / 41	49 / 45 / 41 : 49 / 45 / 41	
Sound power level (H/M/L) Cooling : Heating dB		65 / 61 / 57 : 65 / 61 / 57	65 / 61 / 57 : 65 / 61 / 57	65 / 61 / 57 : 65 / 61 / 57	65 / 61 / 57 : 65 / 61 / 57	
Number of fan speeds		5	5	5	5	
Drain pipe size	mm	VP-16	VP-16	VP-16	VP-16	
Outdoor Unit		Phase/Hz		1 Phase / 50Hz		
Power source	V	230V 240V	3 Phase / 50Hz	230V 240V	400V 415V	
Current (rated) Cooling : Heating A		13.8 : 11.3 13.2 : 10.8	4.60 : 3.80 4.40 : 3.60	12.4 : 10.9 11.9 : 10.5	4.10 : 3.65 3.95 : 3.50	
Dimensions H x W x D	mm	1,416 x 940 x 340	1,416 x 940 x 340	996 x 980 x 370	996 x 980 x 370	
Net weight	kg	99	99	83	83	
Air volume Cooling : Heating m³/min		1,970 : 1,803	1,970 : 1,803	1,219 : 1,219	1,219 : 1,219	
Sound pressure level (Silent mode) Cooling : Heating dB(A)		52 (50) : 52 (50)	52 (50) : 52 (50)	52 (50) : 52 (50)	52 (50) : 52 (50)	
Sound power level (Silent mode) Cooling : Heating dB		68 (66) : 68 (66)	68 (66) : 68 (66)	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	
Pipe length range min. - max. m		5 - 85	5 - 85	5 - 50	5 - 50	
Elevation difference (OU located lower, OU located higher) m		15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length m		30	30	30	30	
Refrigerant at shipping, Additional gas amount g		R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 2,400 / 45 (g/m)	R32 2,400 / 45 (g/m)	
Operating range Cooling : Heating °C		-15 to 48 : -20 to 24	-15 to 48 : -20 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.
 • 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)