

Indoor Unit: Under Ceiling

Specifications of R32 Deluxe Model

Capacity		6.8kW	9.5kW	12.1kW	15.4kW	18.4kW		
Model Name	Indoor Unit	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	
	Outdoor Unit	U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5	U-125PZH3R8	U-140PZH3R5	
Cooling capacity :		6.8 (2.2 - 9.0)	9.5 (3.1 - 12.5)	12.1 (3.2 - 14.0)	15.4 (3.2 - 14.0)	18.4 (3.2 - 16.0)	18.4 (3.2 - 16.0)	
	Heating capacity	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)	
Cooling capacity :		23,200 (7,500 - 30,700)	32,400 (10,600 - 42,700)	32,400 (10,600 - 42,700)	41,300 (10,900 - 47,800)	41,300 (10,900 - 47,800)	45,700 (11,300 - 54,600)	
	Heating capacity	27,300 (6,800 - 30,700)	38,200 (10,600 - 47,800)	38,200 (10,600 - 47,800)	47,800 (10,900 - 54,600)	47,800 (10,900 - 54,600)	54,600 (11,300 - 61,400)	
EER : COP		3.91 : 3.96	4.15 : 4.09	4.15 : 4.09	3.51 : 3.78	3.51 : 3.78	3.21 : 3.48	
COP@H2 condition		2.60	2.72	2.72	2.52	2.52	2.37	
Total power input	Cooling : Heating	1.74 : 2.02	2.29 : 2.74	2.29 : 2.74	3.45 : 3.70	3.45 : 3.70	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	
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
		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
	Commercial	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
		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
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		
Indoor Unit								
Power source		Phase/Hz 1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	
Dimension	H x W x D	Indoor 230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Net weight	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	
Air volume (H/M/L)	Cooling : Heating	kg 34	40	40	40	40	40	
Sound pressure level (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	
Sound power 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	
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	
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	
Outdoor Unit								
Power source		Phase/Hz 1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	
Current (rated)	Cooling : Heating	A 8.20 : 9.45 7.90 : 9.05	10.8 12.9 10.4 : 12.4	10.8 12.9 10.4 : 12.4	16.1 17.3 15.5 : 16.6	16.1 17.3 15.5 : 16.6	19.5 : 21.5 18.7 : 20.6	
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	
Net weight		kg 99	99	99	99	99	99	
Air volume	Cooling : Heating	L/s 1,018 : 1,002	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)	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	
Maximum chargeless length		m 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)	
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	

Specifications of R32 Compact Model

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	
	Outdoor Unit	U-60PZ3R5	U-71PZ3R5	U-100PZ3R5	U-100PZ3R8	U-125PZ3R5	U-140PZ3R8	
Cooling capacity :		6.0 (2.0 - 7.1)	6.8 (2.6 - 7.7)	10.0 (3.0 - 11.5)	12.5 (3.0 - 11.5)	13.6 (3.2 - 13.5)	13.6 (3.3 - 15.0)	
	Heating capacity	6.0 (1.8 - 7.0)	6.8 (2.1 - 8.1)	10.0 (3.0 - 14.0)	10.0 (3.0 - 14.0)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)	
Cooling capacity :		20,500 (6,800 - 24,200)	23,200 (8,900 - 26,300)	34,100 (10,200 - 39,200)	34,100 (10,200 - 39,200)	42,700 (10,900 - 46,100)	42,700 (11,300 - 51,200)	
	Heating capacity	20,500 (6,100 - 23,900)	23,200 (7,200 - 27,600)	34,100 (10,200 - 47,800)	34,100 (10,200 - 47,800)	42,700 (11,300 - 51,200)	47,800 (11,600 - 54,600)	
EER : COP		3.82 : 4.41	3.33 : 4.22	3.64 : 4.24	3.64 : 4.24	3.32 : 3.89	3.15 : 3.70	
COP@H2 condition		3.19	3.24	2.70	2.70	2.57	2.53	
Total power input	Cooling : Heating	1.57 : 1.36	2.04 : 1.61	2.75 : 2.36	2.75 : 2.36	3.76 : 3.21	4.32 : 3.78	
	Hot Climate	5.18 : 5.97	5.02 : 5.60	5.24 : 5.58	5.24 : 5.58	4.98 : 5.36	4.81 : 5.25	
TCSPF : HSPF	Residential	Average Climate	4.54 : 4.88	4.45 : 4.76	4.63 : 4.78	4.44 : 4.45	4.44 : 4.45	4.33 : 4.25
		Cold Climate	4.61 : 4.12	4.60 : 4.09	4.70 : 4.15	4.70 : 4.15	4.57 : 3.76	4.48 : 3.55
	Commercial	Hot Climate	5.63 : 6.03	5.67 : 5.63	5.84 : 5.60	5.84 : 5.60	5.52 : 5.44	5.35 : 5.39
		Average Climate	5.63 : 5.40	5.69 : 5.14	6.12 : 5.14	6.12 : 5.14	5.76 : 4.91	5.67 : 4.80
Cold Climate	5.98 : 4.66	6.18 : 4.53	6.63 : 4.57	6.63 : 4.57	6.25 : 4.25	6.20 : 4.09		
Indoor Unit								
Power source		Phase/Hz 1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	
Dimension	H x W x D	Indoor 230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	230V 240V	
Net weight	Indoor	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	
Air volume (H/M/L)	Cooling : Heating	kg 34	34	34	34	34	34	
Sound pressure level (H/M/L)	Cooling : Heating	L/s 284 / 283 / 242 / 334 / 283 / 242	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	
Sound power 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	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	
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	
Outdoor Unit								
Power source		Phase/Hz 1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	
Current (rated)	Cooling : Heating	A 7.20 : 6.05 6.90 : 5.80	9.45 : 7.15 9.05 : 6.85	13.1 : 11.3 12.6 : 10.8	4.35 : 3.75 4.20 : 3.60	17.4 : 14.8 16.7 : 14.2	5.75 : 4.95 5.55 : 4.75	
Dimension	H x W x D	mm 695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net weight		kg 43	43	83	83	87	87	
Air volume	Cooling : Heating	L/s 701 : 701	746 : 766	1,219 : 1,219	1,219 : 1,219	1,369 : 1,336	1,369 : 1,336	
Sound pressure level (Silent mode)	Cooling : Heating	dB(A) 48 (46) : 49 (47)	49 (47) : 49 (47)	52 (50) : 52 (50)	52 (50) : 52 (50)	55 (53) : 55 (53)	56 (54) : 56 (54)	
Sound power level (Silent mode)	Cooling : Heating	dB 66 (64) : 67 (65)	67 (65) : 67 (65)	70 (68) : 70 (68)	70 (68) : 70 (68)	73 (71) : 73 (71)	74 (72) : 74 (72)	
Piping connections	Liquid / Gas	mm Ø6.35 / Ø12.7*	Ø6.35 / 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 - 40	3 - 40	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation difference (OU located lower, OU located higher)		m 15, 30	15, 30	15, 30	15, 30	15, 30	15, 30	
Maximum chargeless length		m 30	30	30	30	30	30	
Refrigerant at shipping / Additional gas amount		g R32 1,130 / 15 (g/m)	R32 1,320 / 17 (g/m)	R32 2,400 / 45 (g/m)	R32 2,400 / 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	

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.

*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.

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