

Indoor Unit: 4-WAY Cassette

Specifications of R32 Deluxe Model R32 REFRIGERANT

Capacity			7.1kW	10.0kW	12.5kW	14.0kW
Model Name	Indoor Unit		S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
	Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5
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)
			8.0 (2.0 - 9.0)	11.2 (3.1 - 14.0)	11.2 (3.1 - 14.0)	14.0 (3.2 - 16.0)
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)
			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	kW		1.75 : 1.86	2.27 : 2.24	2.27 : 2.24	3.29 : 3.04
TCSPF : HSPF	Residential	Hot Climate	5.86 : 5.68	6.24 : 5.68	6.24 : 5.68	5.71 : 5.63
		Average Climate	5.10 : 4.77	5.53 : 5.15	5.53 : 5.15	5.20 : 4.88
		Cold Climate	5.16 : 4.11	5.64 : 4.63	5.64 : 4.63	5.39 : 4.28
	Commercial	Hot Climate	6.58 : 5.81	6.96 : 5.66	6.96 : 5.66	6.36 : 5.74
		Average Climate	6.83 : 5.30	7.09 : 5.35	7.09 : 5.35	6.72 : 5.32
		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	Indoor	mm	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840
		Panel	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950
Net weight			kg	20 / 5	25 / 5	25 / 5
Air volume (H/M/L)	Cooling : Heating		L/s	367 / 267 / 217 : 367 / 267 / 217	601 / 434 / 300 : 601 / 434 / 300	601 / 434 / 300 : 601 / 434 / 300
Sound pressure level (H/M/L)	Cooling : Heating		dB(A)	37 / 31 / 28 : 37 / 31 / 28	45 / 38 / 32 : 45 / 38 / 32	45 / 38 / 32 : 45 / 38 / 32
Sound power level (H/M/L)	Cooling : Heating		dB	52 / 46 / 43 : 52 / 46 / 43	60 / 53 / 47 : 60 / 53 / 47	60 / 53 / 47 : 60 / 53 / 47
Number of fan speeds				5	5	5
Drain pipe size				mm	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		A	8.25 : 8.70 7.95 : 8.35	10.7 : 10.6 10.3 : 10.1	3.60 : 3.55 3.45 : 3.40
Dimension	H x W x D		mm	996 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340
Net weight			kg	66	99	99
Air volume	Cooling : Heating		m ³ /min	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803
Sound pressure level (Silent mode)	Cooling : Heating		dB(A)	48 (46) : 50 (48)	52 (50) : 52 (50)	52 (50) : 52 (50)
Sound power level (Silent mode)	Cooling : Heating		dB	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)
Piping connections	Liquid / Gas		mm	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length range	min. - max.		m	5 - 50	5 - 85	5 - 85
Elevation difference (OU located lower, OU located higher)			m	15, 30	15, 30	15, 30
Maximum chargeless length			m	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)
Operating range	Cooling : Heating		°C	-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.
- 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 REFRIGERANT

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
	Outdoor Unit		U-60PZ3R5	U-71PZ3R5	U-100PZ3R5	U-100PZ3R8	U-125PZ3R5
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	Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A
Cooling capacity	kW		6.0 (2.0 - 7.1)	7.1 (2.6 - 7.7)	10.0 (3.0 - 11.5)	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)
			6.0 (1.8 - 7.0)	7.1 (2.1 - 8.1)	10.0 (3.0 - 11.5)	10.0 (3.0 - 11.5)	12.5 (3.3 - 15.0)
Heating capacity	BTU/h		20,500 (6,800 - 24,200)	24,200 (8,900 - 26,300)	34,100 (10,200 - 39,200)	34,100 (10,200 - 39,200)	42,700 (10,900 - 46,100)
			20,500 (6,100 - 23,900)	24,200 (7,200 - 27,600)	34,100 (10,200 - 47,800)	34,100 (10,200 - 47,800)	42,700 (11,300 - 51,200)
EER : COP	W/W		3.82 : 4.48	3.40 : 4.23	3.82 : 4.93	3.58 : 4.43	
COP@H2 condition	W/W		3.19	3.30	3.27	2.88	
Total power input	kW		1.57 : 1.34	2.09 : 1.68	2.62 : 2.03	2.62 : 2.03	
TCSPF : HSPF	Residential	Hot Climate	5.65 : 6.69	5.12 : 5.75	5.78 : 5.43	5.78 : 5.43	
		Average Climate	5.04 : 5.44	4.84 : 4.85	5.00 : 5.06	4.73 : 4.87	
		Cold Climate	5.23 : 4.45	4.83 : 4.14	5.10 : 4.62	4.85 : 4.17	
	Commercial	Hot Climate	6.17 : 6.71	5.73 : 5.78	6.60 : 5.34	6.60 : 5.34	
		Average Climate	6.29 : 5.97	6.05 : 5.26	7.05 : 5.11	6.29 : 5.11	
		Cold Climate	6.75 : 5.06	6.79 : 4.61	7.94 : 4.78	6.95 : 4.53	
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	Indoor	mm	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	
		Panel	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	
Net weight			kg	20 / 5	25 / 5	25 / 5	
Air volume (H/M/L)	Cooling : Heating		L/s	350 / 267 / 217 : 350 / 267 / 217	367 / 267 / 217 : 367 / 267 / 217	601 / 434 / 300 : 601 / 434 / 300	
Sound pressure level (H/M/L)	Cooling : Heating		dB(A)	36 / 31 / 28 : 36 / 31 / 28	37 / 31 / 28 : 37 / 31 / 28	45 / 38 / 32 : 45 / 38 / 32	
Sound power level (H/M/L)	Cooling : Heating		dB	51 / 46 / 43 : 51 / 46 / 43	52 / 46 / 43 : 52 / 46 / 43	60 / 53 / 47 : 60 / 53 / 47	
Number of fan speeds				5	5	5	
Drain pipe size				mm	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		A	7.20 : 5.95 6.90 : 5.70	9.65 : 7.45 9.25 : 7.15	12.5 : 9.70 12.0 : 9.30	
Dimension	H x W x D		mm	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	
Net weight			kg	43	50	87	
Air volume	Cooling : Heating		m ³ /min	701 : 701	746 : 766	1,219 : 1,219	
Sound pressure level (Silent mode)	Cooling : Heating		dB(A)	48 (46) : 49 (47)	49 (47) : 49 (47)	52 (50) : 52 (50)	
Sound power level (Silent mode)	Cooling : Heating		dB	66 (64) : 67 (65)	67 (65) : 67 (65)	70 (68) : 70 (68)	
Piping connections	Liquid / Gas		mm	Ø6.35 / Ø12.7**	Ø6.35 / Ø15.88**	Ø9.52 / Ø15.88	
Pipe length range	min. - max.		m	3 - 40	3 - 40	5 - 50	
Elevation difference (OU located lower, OU located higher)			m	15, 30	15, 30	15, 30	
Maximum chargeless length			m	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)	
Operation ranges	Cooling : Heating		°C	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	