

## Indoor Unit: 4-WAY Cassette

Specifications of R32 Compact Model 

Capacity		6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	
Model Name	Indoor Unit	S-6071PU3E	S-6071PU3E	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	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	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)	
	BTU/h	20,500 (6,800 - 24,200)	24,200 (8,900 - 26,300)	34,100 (10,200 - 39,200)	34,100 (10,200 - 47,800)	42,700 (10,900 - 46,100)	
Heating capacity	kW	6.0 (1.8 - 7.0)	7.1 (2.1 - 8.1)	10.0 (3.0 - 14.0)	10.0 (3.0-14.0)	12.5 (3.3 - 15.0)	
	BTU/h	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	3.82 : 4.93	3.58 : 4.43	
COP@H2 condition	W/W	3.19	3.30	3.27	3.27	2.88	
Total power input	Cooling : Heating	1.57 : 1.34	2.09 : 1.68	2.62 : 2.03	2.62 : 2.03	3.49 : 2.82	
	Hot Climate	5.65 : 6.69	5.12 : 5.75	5.78 : 5.43	5.78 : 5.43	5.27 : 5.56	
TCSPF : HSPF	Residential	Average Climate	5.04 : 5.44	4.64 : 4.85	5.00 : 5.06	4.73 : 4.87	4.54 : 4.72
		Cold Climate	5.23 : 4.45	4.83 : 4.14	5.10 : 4.62	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	5.84 : 5.51
		Average Climate	6.29 : 5.97	6.05 : 5.26	7.05 : 5.11	7.05 : 5.11	6.29 : 5.11
Cold Climate	6.75 : 5.06	6.79 : 4.61	7.94 : 4.78	7.94 : 4.78	6.95 : 4.53	6.95 : 4.53	
	6.89 : 4.40	6.89 : 4.40	6.89 : 4.40	6.89 : 4.40	6.89 : 4.40	6.89 : 4.40	
Indoor Unit	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	
Dimensions	H x W x D	Indoor	256 x 840 x 840	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	33.5 x 950 x 950	
Net weight	Indoor / Panel	kg	20 / 5	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	617 / 450 / 317 : 617 / 450 / 317	617 / 450 / 317 : 617 / 450 / 317
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	46 / 39 / 33 : 46 / 39 / 33	46 / 39 / 33 : 46 / 39 / 33
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	61 / 54 / 48 : 61 / 54 / 48	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	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	
	V	230V   240V	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	4.15 : 3.20   4.00 : 3.10	16.1 : 13.0   15.4 : 12.5
Dimensions	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	
	Net weight	kg	43	50	83	87	
Air volume	Cooling : Heating	m³/min	701 : 701	746 : 766	1,219 : 1,219	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)	
Sound power level (Silent mode)	Cooling : Heating	dB	66 (64) : 67 (65)	67 (65) : 67 (65)	70 (68) : 70 (68)	70 (68) : 70 (68)	
Piping connections	Liquid / Gas	mm	Ø6.35 / Ø12.7**1	Ø6.35 / Ø15.88**2	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m	3 - 40	3 - 40	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 1,130 / 15 (g/m)	R32 1,320 / 17 (g/m)	R32 2,400 / 45 (g/m)	R32 2,800 / 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	-10 to 46 : -15 to 24	

## Notes:

- In the case of nance 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)
- \*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.

# 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-RTC4 CZ-CAPWFC1

CZ-RTC6WBLW\*1

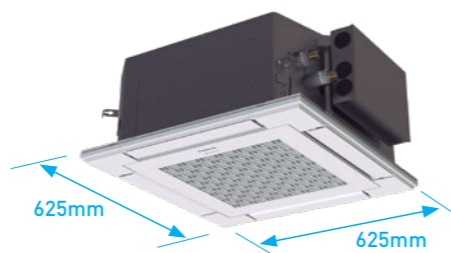
\*1 Launched in 4th Quarter in CY23. Black models are also available.  
Note: Product image not to scale.

## 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

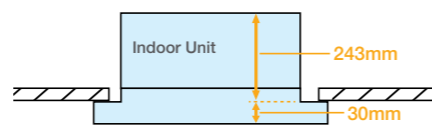
## Compact, stylish design

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



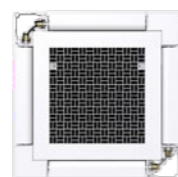
## Lighter and slimmer for easier installation

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)



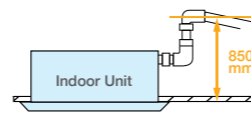
## Individual flap control

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-60PZ3R5	
	Panel	CZ-KPY4	CZ-KPY4	CZ-KPY4	CZ-KPY4	
	Receiver	CZ-RWRY3	CZ-RWRY3	CZ-RWRY3	CZ-RWRY3	
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	3.39 : 3.61	
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)	1.77(0.34-2.53):1.66(0.39-2.45)
<b>Indoor Unit</b>						
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	8.10, 7.35   7.75, 7.05	
Dimensions	H x W x D	mm	243 x 575 x 575	243 x 575 x 575	243 x 575 x 575	
Net weight		kg	15	15	15	
Air volume	Cooling : Heating	L/s	141 : 141	158 : 158	200 : 200	
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
<b>Outdoor Unit</b>						
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	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	
Net weight		kg	31	31	35	
Piping connections	Liquid / Gas	mm	Ø6.35 / Ø12.7	Ø6.35 / Ø12.7	Ø6.35 / Ø12.7	
Pipe length	min. - max.	m	3 - 20	3 - 20	3 - 30	
Elevation difference		m	15	15	30	
Operation ranges	Cooling : Heating	°C	-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: High Static Pressure Adaptive Ducted

## Specifications of R32 Compact Model



Capacity		3.4kW		4.6kW		5.7kW		6.8kW		9.5kW		12.1kW		13.4kW				
Model Name	Indoor Unit	S-3650PF3E		S-3650PF3E		S-6071PF3E		S-6071PF3E		S-1014PF3E		S-1014PF3E		S-1014PF3E				
	Outdoor Unit	U-36PZ3R5		U-50PZ3R5		U-60PZ3R5		U-71PZ3R5		U-100PZ3R5		U-100PZ3R8		U-125PZ3R5		U-125PZ3R8		
Cooling capacity :	kW	3.4 (1.3 - 4.0)		4.6 (1.5 - 5.3)		5.7 (2.0 - 6.3)		6.8 (2.6 - 7.7)		9.5 (3.0 - 11.4)		12.1 (3.2 - 13.5)		13.4 (3.3 - 15.0)				
		3.6 (1.3 - 4.6)		5.0 (1.5 - 5.9)		5.7 (1.8 - 7.0)		6.8 (2.1 - 8.1)		9.5 (3.0 - 13.5)		12.1 (3.3 - 15.0)		13.4 (3.4 - 16.0)				
Heating capacity	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 (7,200 - 27,600)		32,400 (10,200 - 38,900) 32,400 (10,200 - 46,100)		32,400 (10,200 - 38,900) 32,400 (10,200 - 46,100)		41,300 (10,900 - 46,100) 41,300 (11,300 - 51,200)		45,700 (11,300 - 51,200) 45,700 (11,600 - 54,600)		
EER : COP	W/W	3.78 : 4.29		3.19 : 3.62		3.54 : 4.04		3.18 : 4.00		3.57 : 4.09		3.57 : 4.09		3.40 : 3.56		3.40 : 3.56		
COP@H2 condition	W/W	3.09		3.33		3.09		2.84		2.88		2.88		2.82		2.82		
Total power input	Cooling : Heating kW	0.900 : 0.840		1.44 : 1.38		1.61 : 1.41		2.14 : 1.70		2.66 : 2.32		2.66 : 2.32		3.56 : 3.40		3.56 : 3.40		
TCSPF : HSPF	Residential	Hot Climate	5.11 : 5.05		4.67 : 5.09		5.19 : 5.76		4.57 : 5.26		5.24 : 5.04		5.24 : 5.04		4.90 : 5.01		4.90 : 5.01	
		Average Climate	4.36 : 4.57		4.23 : 4.31		4.67 : 4.83		4.23 : 4.42		4.52 : 4.52		4.52 : 4.52		4.42 : 4.21		4.42 : 4.21	
		Cold Climate	4.36 : 4.06		4.29 : 3.79		4.82 : 4.13		4.34 : 3.82		4.62 : 4.06		4.62 : 4.06		4.47 : 3.68		4.47 : 3.63	
	Commercial	Hot Climate	5.77 : 5.01		5.22 : 5.13		5.69 : 5.77		5.01 : 5.33		5.87 : 4.99		5.87 : 4.99		5.40 : 5.06		5.40 : 5.06	
		Average Climate	5.84 : 4.72		5.96 : 4.69		6.00 : 5.23		5.53 : 4.86		5.91 : 4.68		5.91 : 4.68		5.81 : 4.60		5.81 : 4.60	
		Cold Climate	6.41 : 4.31		6.69 : 4.19		6.54 : 4.60		6.11 : 4.27		6.49 : 4.31		6.49 : 4.31		6.36 : 4.10		6.36 : 4.10	
<b>Indoor Unit</b>		Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		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				
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				
Net weight	Indoor	kg		25		30		30		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 / 317 / 250 : 350 / 317 / 250		350 / 317 / 250 : 350 / 317 / 250		534 / 434 / 350 : 534 / 434 / 350		534 / 434 / 350 : 534 / 434 / 350		567 / 484 / 384 : 567 / 484 / 384		
External static pressure	Pa	30 (10 - 150)		30 (10 - 150)		30 (10 - 150)		30 (10 - 150)		40 (10 - 150)		40 (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		
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		
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				
<b>Outdoor Unit</b>		Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		3 Phase / 50Hz		1 Phase / 50Hz		3 Phase / 50Hz			
Power source	V	230V   240V		230V   240V		230V   240V		230V   240V		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		7.15 : 6.25   6.85 : 6.00		9.50 : 7.55   9.10 : 7.25		12.7 : 11.1   12.2 : 10.6		4.20 : 3.70   4.05 : 3.55		16.5 : 15.7   15.8 : 15.1		
Dimensions	H x W x D	mm		619 x 824 x 299		619 x 824 x 299		695 x 875 x 320		695 x 875 x 320		996 x 980 x 370		996 x 980 x 370		996 x 980 x 370		
Net weight	Indoor	kg		31		35		43		50		83		87		87		
Air volume	Cooling : Heating	L/s		561 : 567		546 : 532		701 : 701		746 : 766		1,219 : 1,219		1,219 : 1,219		1,369 : 1,336		
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)		48 (46) : 49 (47)		48 (46) : 49 (47)		48 (46) : 49 (47)		49 (47) : 49 (47)		52 (50) : 52 (50)		55 (53) : 55 (53)		56 (54) : 56 (54)		
Sound power level (Silent mode)	Cooling : Heating	dB		66 (64) : 67 (65)		66 (64) : 67 (65)		66 (64) : 67 (65)		67 (65) : 67 (65)		70 (68) : 70 (68)		70 (68) : 70 (68)		73 (71) : 73 (71)		
Piping connections	Liquid / Gas	mm		Ø6.35 / Ø12.7		Ø6.35 / Ø12.7		Ø6.35 / Ø12.7 <sup>*1</sup>		Ø6.35 / Ø15.88 <sup>*2</sup>		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88		
Pipe length range	min. - max.	m		3 - 20		3 - 30		3 - 40		3 - 40		5 - 50		5 - 50		5 - 50		
Elevation difference (OU located lower, OU located higher)	m	15, 15		15, 15		15, 30		15, 30		15, 30		15, 30		15, 30		15, 30		
Maximum chargeless length	m	7.5		10		30		30		30		30		30		30		
Refrigerant at shipping, Additional gas amount	g	R32 870 / 10 (g/m)		R32 1,140 / 15 (g/m)		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		-10 to 46 : -15 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.
- 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) 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.

## Indoor Unit: High Static Pressure Ducted

## Specifications of R32 Compact Model



Capacity		6.0kW		7.1kW		10.0kW		12.5kW		14.0kW									
Model Name	Indoor Unit	S-60PE3R		S-71PE3R		S-100PE3R		S-125PE3R		S-140PE3R									
	Outdoor Unit	U-60PZ3R5		U-71PZ3R5		U-100PZ3R5		U-100PZ3R8		U-140PZ3R5									
Cooling capacity : Heating capacity	kW	6.0 (2.0 - 7.1) 6.0 (1.8 - 7.0)		7.1 (2.6 - 7.7) 7.1 (2.1 - 8.1)		10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)		10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)		12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)		12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)		14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)		14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)			
		BTU/h	20,500 (6,800 - 24,200) 20,500 (6,100 - 23,900)		24,200 (8,900 - 26,300) 24,200 (7,200 - 27,600)		34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)		34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)		42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)		42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)		47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)		47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)		
EER : COP	W/W	3.26 : 4.08		3.21 : 4.25		3.58 : 4.08		3.58 : 4.08		3.55 : 4.03		3.55 : 4.03		3.25 : 3.76		3.25 : 3.76			
COP@H2 condition	W/W	3.00		3.11		2.88		2.88		2.56		2.56		2.68		2.68			
Total power input	kW	Cooling : Heating		1.84 : 1.47		2.21 : 1.67		2.79 : 2.45		2.79 : 2.45		3.52 : 3.10		3.52 : 3.10		4.31 : 3.72		4.31 : 3.72	
		Hot Climate	3.98 : 3.95		3.96 : 4.05		4.64 : 3.95		4.64 : 3.95		4.27 : 3.93		4.27 : 3.93		4.27 : 3.79		4.27 : 3.79		
TCSPF : HSPF	Residential	Average Climate		3.56 : 3.88		3.59 : 4.00		4.17 : 3.81		4.17 : 3.81		4.16 : 3.79		4.16 : 3.79		3.92 : 3.64		3.92 : 3.64	
		Cold Climate		3.58 : 3.59		3.63 : 3.70		4.23 : 3.55		4.23 : 3.55		4.26 : 3.47		4.26 : 3.47		4.03 : 3.34		4.03 : 3.34	
		Hot Climate		4.25 : 3.83		4.22 : 3.91		4.99 : 3.90		4.99 : 3.90		4.96 : 3.84		4.96 : 3.84		4.56 : 3.70		4.56 : 3.70	
	Commercial	Average Climate		4.16 : 3.74		4.19 : 3.83		4.98 : 3.80		4.98 : 3.80		4.88 : 3.73		4.88 : 3.73		4.53 : 3.58		4.53 : 3.58	
		Cold Climate		4.38 : 3.58		4.41 : 3.67		5.28 : 3.61		5.28 : 3.61		5.20 : 3.52		5.20 : 3.52		4.81 : 3.40		4.81 : 3.40	
		Hot Climate																	
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		1 Phase / 50Hz 230V   240V		1 Phase / 50Hz 230V   240V		1 Phase / 50Hz 230V   240V			
Dimensions	H x W x D	Indoor		mm		290 x 1,200 x 700		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	
Net weight	Indoor / Panel	kg		31		36		37		37		41		41		50		50	
Air volume (H/M/L)	Cooling : Heating	L/s		367 / 334 / 267 : 367 / 334 / 267		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	
External static pressure		Pa		70 (10 - 150)		100 (10 - 150)		100 (10 - 150)		100 (10 - 150)		100 (10 - 150)		100 (50 - 150*)		100 (50 - 150*)		100 (50 - 150*)	
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)		43 / 41 / 40 : 43 / 41 / 40		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	
Sound power level (H/M/L)	Cooling : Heating	dB		60 / 58 / 57 : 60 / 58 / 57		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	
Number of fan speeds		3		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		VP-25	
Outdoor Unit																			
Power source	Phase/Hz V	1 Phase / 50Hz 230V   240V		1 Phase / 50Hz 230V   240V		1 Phase / 50Hz 230V   240V		3 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		8.50 : 6.85   8.15 : 6.60		10.3 : 8.00   9.90 : 7.65		13.9 : 12.4   13.4 : 11.9		4.45 : 3.90   4.25 : 3.70		17.0 : 15.0   16.3 : 14.4		5.40 : 4.80   5.20 : 4.55		19.7 : 17.0   18.9 : 16.3		6.60 : 5.70   6.40 : 5.50	
Dimensions	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		996 x 980 x 370		996 x 980 x 370	
Net weight		kg		43		50		83		83		87		87		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		1,402 : 1,369		1,402 : 1,369	
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)		55 (53) : 55 (53)		56 (54) : 56 (54)		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)		73 (71) : 73 (71)		74 (72) : 74 (72)		74 (72) : 74 (72)	
Piping connections	Liquid / Gas	mm		Ø6.35 / Ø12.7**3		Ø6.35 / Ø15.88**4		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 - 40		3 - 40		5 - 50		5 - 50		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		15, 30		15, 30	
Maximum chargeless length		m		30		30		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)		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 (m<sup>3</sup>/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 Outdoor power supply.

\*2 Not adjustable, refer to "Indoor Fan Performance" section of technical data.

\*3 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.

\*4 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

## Indoor Unit: Under Ceiling

## 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-125PZ3R8	U-140PZ3R5	U-140PZ3R8	
Cooling capacity :	kW		6.0 (2.0 - 7.1)	6.8 (2.6 - 7.7)	10.0 (3.0 - 11.5)	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)	12.5 (3.2 - 13.5)	13.6 (3.3 - 15.0)	13.6 (3.3 - 15.0)	
			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)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)	14.0 (3.4 - 16.0)	
Heating capacity	BTU/h		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 (10,900 - 46,100)	46,400 (11,300 - 51,200)	46,400 (11,300 - 51,200)	
			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)	42,700 (11,300 - 51,200)	47,800 (11,600 - 54,600)	47,800 (11,600 - 54,600)	
EER : COP	W/W		3.82 : 4.41	3.33 : 4.22	3.64 : 4.24	3.64 : 4.24	3.32 : 3.89	3.32 : 3.89	3.15 : 3.70	3.15 : 3.70	
COP@H2 condition	W/W		3.19	3.24	2.70	2.70	2.57	2.57	2.53	2.53	
Total power input	kW	Cooling : Heating	1.57 : 1.36	2.04 : 1.61	2.75 : 2.36	2.75 : 2.36	3.76 : 3.21	3.76 : 3.21	4.32 : 3.78	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	4.98 : 5.36	4.81 : 5.25	4.81 : 5.25	
TCSPF : HSPF	Residential	Average Climate	4.54 : 4.88	4.45 : 4.76	4.63 : 4.78	4.63 : 4.78	4.44 : 4.45	4.44 : 4.45	4.33 : 4.25	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	4.57 : 3.76	4.48 : 3.55	4.48 : 3.55	
		Hot Climate	5.63 : 6.03	5.57 : 5.63	5.84 : 5.60	5.84 : 5.60	5.52 : 5.44	5.52 : 5.44	5.35 : 5.39	5.35 : 5.39	
	Commercial	Average Climate	5.63 : 5.40	5.69 : 5.14	6.12 : 5.14	6.12 : 5.14	5.76 : 4.91	5.76 : 4.91	5.67 : 4.80	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	6.25 : 4.25	6.20 : 4.09	6.20 : 4.09	
		Hot Climate									
<b>Indoor Unit</b>											
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	
	V		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	
Net weight		Indoor	kg	34	34	40	40	40	40	40	
Air volume (H/M/L)	Cooling : Heating		L/s	334 / 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	584 / 484 / 417 : 584 / 484 / 417	584 / 484 / 417 : 584 / 484 / 417
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	
Drain piping	mm			VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20	
<b>Outdoor Unit</b>											
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	
	V		230V   240V	230V   240V	230V   240V	400V   415V	230V   240V	400V   415V	230V   240V	400V   415V	
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	20.0 : 17.5   19.1 : 16.8	6.65 : 5.80   6.40 : 5.60
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	996 x 980 x 370	
Net weight			kg	43	50	83	83	87	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	1,402 : 1,369	1,402 : 1,369
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)	55 (53) : 55 (53)	56 (54) : 56 (54)	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)	73 (71) : 73 (71)	74 (72) : 74 (72)	74 (72) : 74 (72)
Piping connections	Liquid / Gas		mm	Ø6.35 / Ø12.7*1	Ø6.35 / Ø15.88*2	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 - 40	3 - 40	5 - 50	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	15, 30	
Maximum chargeless length	m			30	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)	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	

## 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.

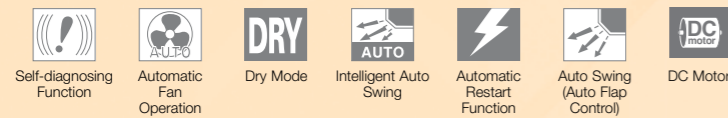
\*1 For piping connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

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

# 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.

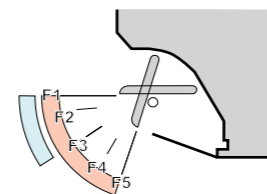
### Washable front panel

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		
<b>Indoor Unit</b>						
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	
Dimensions	H x W x D	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		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		VP-16	VP-16	VP-16	VP-16	
<b>Outdoor Unit</b>						
Power source	Phase/Hz / V	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	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	1,416 x 940 x 340	1,416 x 940 x 340	996 x 980 x 370	996 x 980 x 370	
Net weight		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	
Pipe length range	min. - max.	m	5 - 85	5 - 85	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 3,050 / 45 (g/m)	R32 3,050 / 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	

- 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)