

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
nanoe™ X as a standard*
*nanoe X Generator Mark 2

ECONAVI
ECONAVI ready



S-100PK3R

- Self-diagnosing Function
- Automatic Fan Operation
- Dry mode
- Intelligent Auto Swing
- Automatic Restart Function
- Auto Swing (Auto Flap Control)
- DC Motor



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.

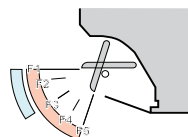
Washable front panel

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

Capacity		9.5kW		9.0kW		
		S-100PK3R	S-100PK3R	S-100PK3R	S-100PK3R	
Model Name		U-100PZH3R5	U-100PZH3R8	U-100PZ3R5	U-100PZ3R8	
Cooling capacity :	kW	9.5 (3.1 - 10.5)	9.5 (3.1 - 10.5)	9.0 (3.0 - 9.7)	9.0 (3.0 - 9.7)	
	Heating capacity	9.5 (3.1 - 11.5)	9.5 (3.1 - 11.5)	9.0 (3.0 - 10.5)	9.0 (3.0 - 10.5)	
	BTU/h	32,400 (10,600 - 35,800)	32,400 (10,600 - 35,800)	30,700 (10,200 - 33,100)	30,700 (10,200 - 33,100)	
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	2.91 / 2.39	2.59 / 2.29	2.59 / 2.29
	Hot Climate	W/W	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						
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	302 x 1,120 x 236	302 x 1,120 x 236	302 x 1,120 x 236	
Net weight		kg	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	
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	
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	
Number of fan speeds			5	5	5	
Drain pipe size		mm	VP-16	VP-16	VP-16	
Outdoor Unit						
Power source	Phase/Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	
	V	230V 240V	400V 415V	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	
Dimensions	H x W x D	mm	1,416 x 940 x 340	1,416 x 940 x 340	996 x 980 x 370	
Net weight		kg	99	99	83	
Air volume	Cooling / Heating	m³/min	1,970 / 1,803	1,970 / 1,803	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)	
Sound power level (Silent mode)	Cooling / Heating	dB	68 (66) : 68 (66)	68 (66) : 68 (66)	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.
 - AEEP 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)