

Products Spec

4-WAY CASSETTE

- Industry-leading Powerful, 360° Wide & Comfortable Airflow.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



Capacity [Btu/h(Phase)]	17,100	20,500	24,200	29,000	34,100	42,700	47,000 [3]	47,800 [3]	47,800[3]
Power Source	V/Phase Hz								
Indoor	S-1821PU3H	S-1821PU3H	S-2430PU3H	S-2430PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H	S-3448PU3H
Outdoor	U-18PR1H5	U-21PR1H5	U-24PR1H5	U-30PR1H5	U-34PR1H5	U-43PR1H5	U-43PR1H5	U-48PR1H5	U-48PR1H5
Panel	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated (Min-Max)	kW 17,100 [6.820-19,100]	6.00 [2.00-6.30] 20,500 [6.820-21,500]	7.10 [2.10-8.00] 24,200 [7.170-27,300]	8.50 [2.10-10.00] 29,000 [7.170-34,100]	10.00 [3.20-11.20] 34,100 [10.900-38,200]	12.50 [3.80-14.00] 42,700 [13.000-47,800]	12.50 [3.80-14.00] 47,000 [13.000-46,200]	14.00 [3.80-14.71] 47,800 [13.000-50,200]	14.00 [3.80-14.71] 47,800 [13.000-50,200]
Current: Rated (Min-Max)	A 5.2-5.5	7.5-8.0	8.5-9.2	10.7-11.7	13.7-15.0	16.9-18.5	5.6-6.1	21.9-23.9	7.2-7.9
Power Input: Rated (Min-Max)	kW 1.14 [0.38-1.50]	1.71 [0.38-2.10]	1.99 [0.30-2.26]	2.52 [0.28-3.33]	3.23 [0.61-3.73]	3.74 [0.63-4.25]	3.74 [0.63-4.25]	4.83 [0.63-5.10]	4.83 [0.63-5.10]
CSPF	6.27	5.89	6.08	5.97	5.89	5.80	5.23	5.23	5.23
COP/EER	W/W 4.39	3.51	3.57	3.37	3.10	3.34	2.90	2.90	2.90
COP/EER	Btu/hW 15.00	11.99	12.16	11.51	10.56	11.42	9.90	9.90	9.90
Indoor Unit									
Air Volume	m³/min cfm	25.0 882	25.0 882	25.0 882	25.0 882	36.4 1,285	36.4 1,285	36.4 1,285	36.4 1,285
Sound Pressure Level (Hi/Lo)	dB (A)	42 / 35	42 / 35	42 / 35	42 / 35	47 / 41	47 / 41	47 / 41	47 / 41
Sound Power Level (Hi/Lo)	dB	57 / 50	57 / 50	57 / 50	57 / 50	62 / 56	62 / 56	62 / 56	62 / 56
Dimension	Indoor (HxWxD) Panel (HxWxD)	mm 256 x 840 x 840 44 x 950 x 950	256 x 840 x 840 44 x 950 x 950	256 x 840 x 840 44 x 950 x 950	256 x 840 x 840 44 x 950 x 950	319 x 840 x 840 44 x 950 x 950	319 x 840 x 840 44 x 950 x 950	319 x 840 x 840 44 x 950 x 950	319 x 840 x 840 44 x 950 x 950
Net Weight	Indoor Panel	kg 21 5	21 5	21 5	21 5	24 5	24 5	24 5	24 5
Outdoor									
Sound Pressure Level	dB (A)	49	50	51	53	55	57	58	58
Sound Power Level	dB	68	69	70	72	74	76	77	77
Dimension	Outdoor (HxWxD)	mm 619 x 824 x 299	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	kg	29	29	33	39	48	68	67	67
Piping Connection	Gas Pipe Liquid Pipe	mm (inch) 12.70 (1/2) 6.35 (1/4)	12.70 (1/2) 6.35 (1/4)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)
Pipe Length	Min-Max	m 5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m	20	20	20	30	30	30	30	30
Maximum Chargeless Length	Max	m 15	15	15	25	25	25	25	25
Additional Gas	g/m	10	10	10	30	30	30	30	30
Operation Range, Outdoor	Min-Max	°C 16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46

* Specifications are subject to change without notice. Please refer to technical documents for more details.
* The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616.

CEILING MOUNTED

- The slim design makes thickness only 235 mm.
- Compact Looking, Stylish, One-Motion Design.
- Comfortable, Long-Distance Airflow Distribution.



Capacity [Btu/h(Phase)]	17,100	20,500	24,200	29,000	34,100	42,700	47,000 [3]	45,500	45,500[3]
Power Source	V/Phase Hz								
Indoor	S-1821PT3H	S-1821PT3H	S-2430PT3H	S-2430PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H	S-3448PT3H
Outdoor	U-18PR1H5	U-21PR1H5	U-24PR1H5	U-30PR1H5	U-34PR1H5	U-43PR1H5	U-43PR1H5	U-48PR1H5	U-48PR1H5
Cooling Capacity: Rated (Min-Max)	kW 17,100 [6.820-19,100]	6.00 [2.00-6.30] 20,500 [6.820-21,500]	7.10 [2.00-7.80] 24,200 [6.820-26,600]	8.50 [2.00-9.60] 29,000 [6.820-32,800]	10.00 [3.20-11.20] 34,100 [10.900-38,200]	12.50 [3.80-13.54] 42,700 [13.000-46,200]	12.50 [3.80-13.54] 47,000 [13.000-46,200]	13.33 [3.80-14.00] 45,500 [13.000-47,800]	13.33 [3.80-14.00] 45,500 [13.000-47,800]
Current: Rated (Min-Max)	A 5.9-6.2	8.4-9.0	8.9-9.7	11.7-12.8	14.3-15.6	18.6-20.3	6.1-6.7	20.4-22.2	6.7-7.4
Power Input: Rated (Min-Max)	kW 1.33 [0.39-1.65]	1.92 [0.39-2.25]	2.00 [0.32-2.36]	2.75 [0.29-3.31]	3.36 [0.58-3.77]	4.10 [0.68-4.50]	4.10 [0.68-4.50]	4.50 [0.68-4.80]	4.50 [0.68-4.80]
CSPF	6.18	5.65	5.65	5.04	5.08	5.08	4.98	4.98	4.98
COP/EER	W/W 3.76	3.13	3.38	3.09	2.98	3.05	2.96	2.96	2.96
COP/EER	Btu/hW 12.86	10.68	10.68	11.52	10.55	10.15	10.41	10.11	10.11
Indoor Unit									
Air Volume	m³/min cfm	15.0 530	15.0 530	21.0 740	21.0 740	35.0 1,235	35.0 1,235	35.0 1,235	35.0 1,235
Sound Pressure Level (Hi/Lo)	dB (A)	38 / 29	38 / 29	40 / 32	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38
Sound Power Level (Hi/Lo)	dB	56 / 47	56 / 47	58 / 50	58 / 50	64 / 56	64 / 56	64 / 56	64 / 56
Dimension	Indoor (HxWxD)	mm 235 x 960 x 690	235 x 960 x 690	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
Net Weight	Indoor	kg 26	26	34	34	40	40	40	40
Outdoor									
Sound Pressure Level	dB (A)	50	51	51	53	55	57	58	58
Sound Power Level	dB	69	70	70	72	74	76	77	77
Dimension	Outdoor (HxWxD)	mm 619 x 824 x 299	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	kg	29	29	33	39	48	68	67	67
Piping Connection	Gas Pipe Liquid Pipe	mm (inch) 12.70 (1/2) 6.35 (1/4)	12.70 (1/2) 6.35 (1/4)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)
Pipe Length	Min-Max	m 5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m	20	20	20	30	30	30	30	30
Maximum Chargeless Length	Max	m 15	15	15	25	25	25	25	25
Additional Gas	g/m	10	10	10	30	30	30	30	30
Operation Range, Outdoor	Min-Max	°C 16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46

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* The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616.

ADAPTIVE DUCTED

- Air intake from rear as standard. Industry-leading horizontal and vertical design.
- Powerful 150Pa ESP and space saving 250 mm height, filter included.
- Built-in Drain pump and selectable air inlet position (Bottom and Rear).

Remote
Controller



[Optional]



R32
REFRIGERANT

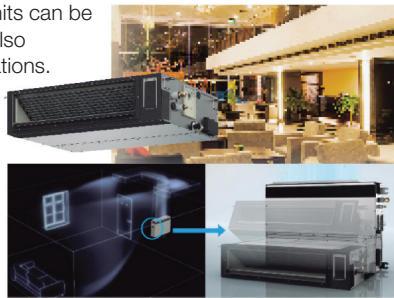
Capacity [Btu/h(Phase)]	17,100	20,500	24,200	27,600	34,100	42,700	42,700 [3]	47,000	47,000[3]
Power Source	V/Phase Hz								
Indoor	S-1821PF3H	S-1821PF3H	S-2430PF3H	S-2430PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H	S-3448PF3H
Outdoor	U-18PR1H5	U-21PR1H5	U-24PR1H5	U-30PR1H5	U-34PR1H5	U-43PR1H5	U-43PR1H5	U-48PR1H5	U-48PR1H5
Cooling Capacity: Rated (Min-Max)	kW 17,100 [6.820-19,100]	6.00 [2.00-6.30] 20,500 [6.820-21,500]	7.10 [2.00-7.60] 24,200 [6.820-25,900]	8.10 [2.00-8.90] 27,600 [6.820-30,400]	10.00 [3.20-11.20] 34,100 [10.900-38,200]	12.50 [3.80-13.50] 42,700 [13.000-46,100]	12.50 [3.80-13.50] 47,000 [13.000-46,100]	13.77 [3.80-14.20] 47,000 [13.000-48,500]	13.77 [3.80-14.20] 47,000 [13.000-48,500]
Current: Rated (Min-Max)	A 6.8-7.2	8.6-9.1	9.7-10.5	11.1-12.1	13.3-14.5	17.9-19.6	5.9-6.5	21.6-23.6	7.1-7.8
Power Input: Rated (Min-Max)	kW 1.54 [0.41-1.75]	1.95 [0.41-2.30]	2.27 [0.34-2.48]	2.60 [0.33-2.90]	3.12 [0.59-3.65]	3.96 [0.65-4.35]	3.96 [0.65-4.35]	4.77 [0.65-4.95]	4.77 [0.65-4.95]
CSPF	5.02	4.65	5.21	5.21	4.74	5.02	5.02	4.74	4.74
COP/EER	W/W 3.25	3.08	3.13	3.12	3.21	3.16	3.16	2.89	2.89
COP/EER	Btu/hW 11.10	10.51	10.66	10.62	10.93	10.78	10.78	9.85	9.85
Indoor Unit									
Air Volume	m³/min cfm	16.0 565	16.0 565	21.0 740	21.0 740	36.0 1,270	36.0 1,270	36.0 1,270	36.0 1,270
External static pressure	Pa	30 (10-150)	30 (10-150)	30 (10-150)	30 (10-150)	50 (10-150)	50 (10-150)	50 (10-150)	50 (10-150)
Sound Pressure Level (Hi/Lo)	dB (A)	35 / 29	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30
Sound Power Level (Hi/Lo)	dB	58 / 52	58 / 52	58 / 52	58 / 52	63 / 53	63 / 53	63 / 53	63 / 53
Dimension	Indoor (HxWxD)	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	250 x 1,400 x 730	250 x 1,400 x 730
Net Weight	Indoor	kg 25	25	30	30	39	39	39	39
Outdoor									
Sound Pressure Level	dB (A)	50	51	51	53	55	57	57	58
Sound Power Level	dB	69	70	70	72	74	76	77	77
Dimension	Outdoor (HxWxD)	mm 619 x 824 x 299	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	kg	29	29	33	39	48	68	67	67
Piping Connection	Gas Pipe Liquid Pipe	mm (inch) 12.70 (1/2) 6.35 (1/4)	12.70 (1/2) 6.35 (1/4)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)	15.88 (5/8) 9.52 (3/8)
Pipe Length	Min-Max	m 5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m	20	20	20	30	30	30	30	30
Maximum Chargeless Length	Max	m 15	15	15	25	25	25	25	25
Additional Gas	g/m	10	10	10	30	30	30	30	30
Operation Range, Outdoor	Min-Max	°C 16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46

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* The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616.

NEW!!!

Flexible Installation Adaptive Ducted

New NX Series Adaptive Ducted units can be mounted not only horizontally but also vertically without the need for alterations. Our groundbreaking drain pan design delivers a new level of flexibility in an industry-leading vertical installation.

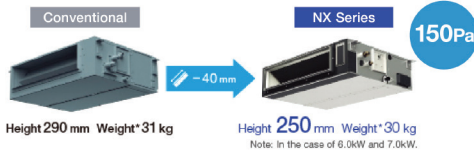


Compact Body with Powerful 150 Pa ESP

The indoor units have also been completely renewed, offering a 40 mm height reduction to only 250 mm* and a weight reduction of up to 10%, all while maintaining the same powerful 150 Pa.

*Compared to conventional model.

Space saving 250 mm height



Remote Controller Information



NEW!!!



NEW!!!



NEW