

Advantages of New 4-Way Cassette

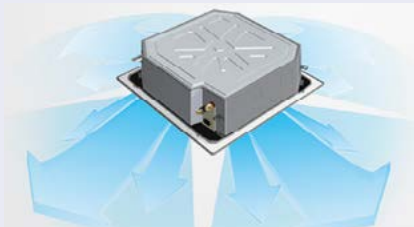
Compact, Modern & Flat Panel Design

Featuring uniform cooling, easy installation, and with a sleek exterior, this unit is the perfect match for all commercial applications.



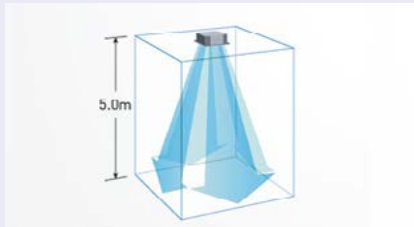
Powerful Airflow

Thanks to its compact design the Twisted 3D Blade Fan increases airflow.



360° Comfortable Airflow

Air coming out of the centre of the discharge outlets travels farther. Air is discharged across a wide area from the four sides of the unit.

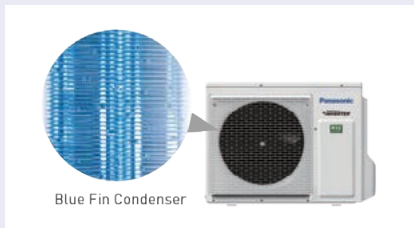


Wide Flap

A wider main flap and sub flap reduce turbulence and increase airflow. Also, a wider angle jetting port allows airflow to reach as far as five meters.

* 4-Way Cassette : 3443PU type

Advantages of Outdoor Unit



High Durability Outdoor Unit

All Panasonic heat exchangers feature our Blue Fin technology, which offers enhanced corrosion resistance compared to non-Blue Fin models.



In-house manufactured compressor

Panasonic all in-house manufactured compressors are supplied to the world. The cumulative total of high-quality compressors in use has reached 580 million units*.

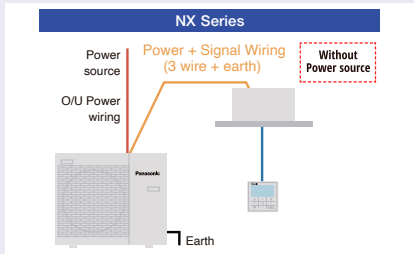
* As of September 2019. (In-house research)



Next Generation R32 Refrigerant

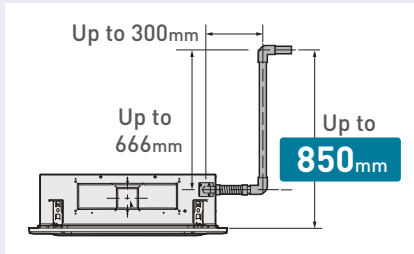
Compared to R22 and R410A, R32 has a very low potential impact on the depletion of the ozone layer and global warming.

Installation Instruction



3 Wire Method

This NX series has been developed with 3 wire method and communication.



A strong and quiet drain pump

The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy. Supports for 4-way Cassette

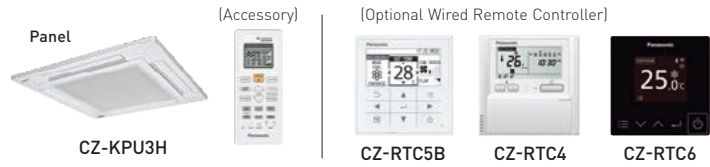


Operation Temperature

New NX series are capable of working even in the most difficult ambient conditions. Operating range expanded up to outdoor air temperature of 52°C.

4-WAY CASSETTE

- With the further advanced air purification technology of nanoe™ X Generator Mark 3.
- Powerful industry-leading, 360° wide, comfortable airflow.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



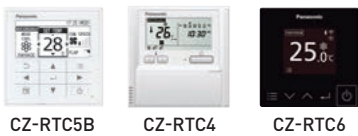
Capacity [Btu/h]		17,100	23,200	32,400	36,900
Power Source	V/Phase Hz	220-240V, 1Ø Phase - 50Hz			
Indoor Unit		S-18PU3ZA	S-24PU3ZA	S-3443PU3ZA	S-3443PU3ZA
Outdoor Unit		U-18PRH1Z5	U-24PRH1Z5	U-34PRH1Z5	U-43PRH1Z5
Panel		CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated (Min-Max)	kW	5.00 [2.00-6.00]	6.80 [2.10-9.20]	9.50 [3.80-11.80]	10.80 [3.80-14.00]
	Btu/h	17,100 [6,820-20,500]	23,200 [7,170-31,400]	32,400 [13,000-40,300]	36,900 [13,000-47,800]
Current: Rated	A	4.7-4.5 [9.1]	7.3-6.7 [12.0]	11.3-10.3 [25.5]	13.8-12.7 [26.0]
Power Input: Rated (Min-Max)	kW	0.99 [0.26-1.35]	1.57 [0.28-2.50]	2.28 [0.62-3.00]	2.80 [0.63-4.10]
COP/EER	W/W	5.05	4.33	4.17	3.86
	Btu/hW	17.27	14.78	14.21	13.18
Weighted COP/EER*	W/W	6.08	5.46	5.15	4.92
	Btu/hW	20.74	18.63	17.57	16.79
Indoor Unit					
Air Volume	m³/min	25.0	25.0	36.4	36.4
	cfm	882	882	1,285	1,285
Sound Pressure Level [Hi/Lo]	dB [A]	42 / 35	42 / 35	47 / 41	47 / 41
Sound Power Level [Hi/Lo]	dB	57 / 50	57 / 50	62 / 56	62 / 56
Dimension	Indoor [H×W×D]	mm	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel [H×W×D]	mm	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950
Net Weight	Indoor	kg	21	24	24
	Panel	kg	5	5	5
Outdoor Unit					
Sound Pressure Level	dB [A]	50	53	54	57
Sound Power Level	dB	69	72	73	76
Dimension	Outdoor [H×W×D]	mm	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370
Net Weight		kg	39	69	69
Piping Connection	Gas Pipe	mm (inch)	12.70 [1/2]	15.88 [5/8]	15.88 [5/8]
	Liquid Pipe	mm (inch)	6.35 [1/4]	9.52 [3/8]	9.52 [3/8]
Pipe Length	Min-Max	m	5 - 50	5 - 50	5 - 50
Elevation Difference		m	30	30	30
Maximum Chargeless Length	Max	m	30	30	30
Additional Gas		g/m	15	25	25
Operation Range, Outdoor	Min-Max	°C	16-52	16-52	16-52

*Tested based on NEA energy labelling scheme. Please refer to technical documents for more details * The sound pressure level is measured in accordance with JIS C 9 612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series.

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).

Selectable Remote Controller



Capacity [Btu/h]		17,100	23,200	32,400	36,900
Power Source	V/Phase Hz	220-240V, 1Ø Phase - 50Hz			
Indoor Unit		S-1821PF3H	S-2430PF3H	S-3448PF3H	S-3448PF3H
Outdoor Unit		U-18PRH1H5	U-24PRH1H5	U-34PRH1H5	U-43PRH1H5
Cooling Capacity: Rated [Min-Max]	kW	5.00 [1.60-6.00]	7.10 [1.80-8.00]	10.00 [3.80-11.20]	12.50 [3.80-14.00]
	Btu/h	17,100 [5,460-20,500]	24,200 [6,140-27,300]	34,100 [13,000-38,200]	42,700 [13,000-47,800]
Current: Rated	A	5.6-5.3 [9.1]	8.3-7.7 [12.0]	11.0-10.9 [25.5]	17.7-16.3 [26.0]
Power Input: Rated [Min-Max]	kW	1.16 [0.24-1.55]	1.80 [0.30-2.35]	2.40 [0.65-3.08]	3.59 [0.65-4.35]
CSPF		5.90	6.10	6.40	5.45
COP/EER	W/W	4.31	3.94	4.17	3.48
	Btu/hW	14.74	13.44	14.21	11.89
Indoor Unit					
Air Volume	m³/min	16.0	21.0	36.0	36.0
	cfm	565	740	1,270	1,270
External static pressure	Pa	30 [10-150]	30 [10-150]	50 [10-150]	50 [10-150]
Sound Pressure Level [Hi/Lo]	dB [A]	35 / 29	35 / 29	40 / 30	40 / 30
Sound Power Level [Hi/Lo]	dB	58 / 52	58 / 52	63 / 53	63 / 53
Dimension	Indoor [H×W×D]	mm	250 x 800 x 730	250 x 1,400 x 730	250 x 1,400 x 730
Net Weight	kg	25	30	39	39
Outdoor Unit					
Sound Pressure Level	dB [A]	50	53	54	57
Sound Power Level	dB	69	72	73	76
Dimension	Outdoor [H×W×D]	mm	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370
Net Weight	kg	39	39	69	69
Piping Connection	Gas Pipe	mm [inch]	12.70 [1/2]	15.88 [5/8]	15.88 [5/8]
	Liquid Pipe	mm [inch]	6.35 [1/4]	9.52 [3/8]	9.52 [3/8]
Pipe Length	Min-Max	m	5 - 50	5 - 50	5 - 50
Elevation Difference		m	30	30	30
Maximum Chargeless Length	Max	m	30	30	30
Additional Gas		g/m	15	25	25
Operation Range, Outdoor	Min-Max	°C	16-52	16-52	16-52

*Tested based on NEA energy labelling scheme. Please refer to technical documents for more detail * The sound pressure level is measured in accordance with JIS C 9 612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series.