

Advantages of New 4-Way Cassette

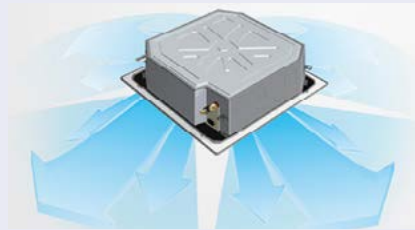
Compact, Modern & Flat Panel Design

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



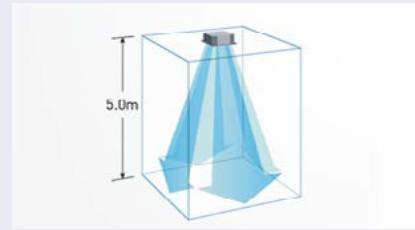
Powerful Airflow

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.

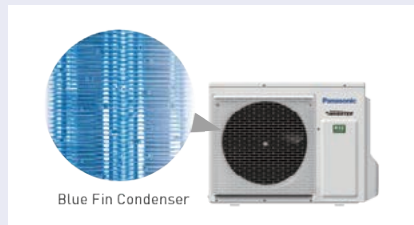


Wide Flap

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*.

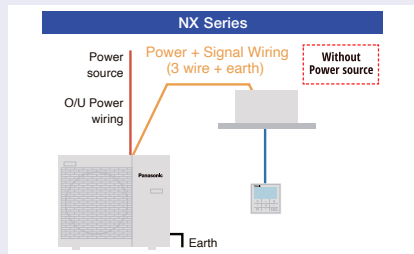
* As of September 2019. (In-house research)



Next Generation R32 Refrigerant

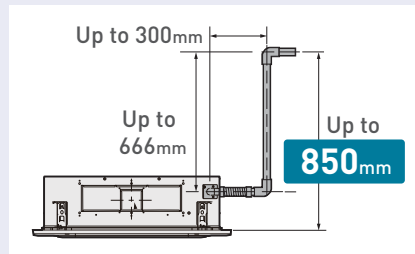
Compared to R22 and R410A, R32 has a very low potential impact on the depletion of the ozone layer and global warming.

Installation Instruction



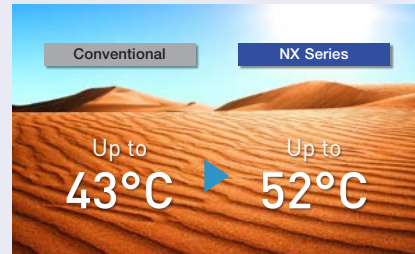
3 Wire Method

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

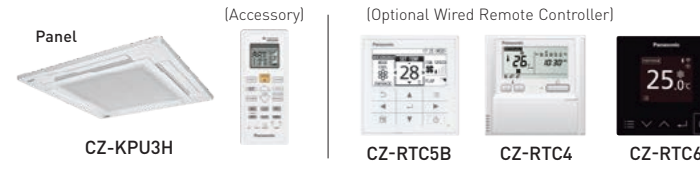


NEW Operation Temperature

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.

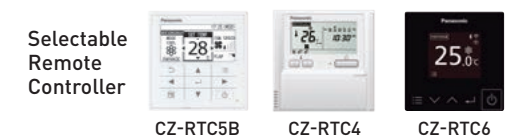


| Capacity [Btu/h] | 17,100 | 23,200 | 32,400 | 36,900 | |
|-----------------------------------|---------------------------------|---|---|---|--|
| Power Source | V/Phase Hz | | 220-240V, 10 | Phase - 50Hz | |
| Indoor Unit | S-18PU3ZA | S-24PU3ZA | S-3443PU3ZA | S-3443PU3ZA | |
| Outdoor Unit | U-18PRH1Z5 | U-24PRH1Z5 | U-34PRH1Z5 | U-43PRH1Z5 | |
| Panel | CZ-KPU3H | CZ-KPU3H | CZ-KPU3H | CZ-KPU3H | |
| Cooling Capacity: Rated [Min-Max] | kW Btu/h | 5.00 [2.00-6.00] 17,100 [6,820-20,500] | 6.80 [2.10-9.20] 23,200 [7,170-31,400] | 9.50 [3.80-11.80] 32,400 [13,000-40,300] | 10.80 [3.80-14.00] 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 Btu/hW | 5.05 17.27 | 4.33 14.78 | 4.17 14.21 | 3.86 13.18 |
| Weighted COP/EER* | W/W Btu/hW | 6.08 20.74 | 5.46 18.63 | 5.15 17.57 | 4.92 16.79 |
| Indoor Unit | | | | | |
| Air Volume | m³/min cfm | 25.0 882 | 25.0 882 | 36.4 1,285 | 36.4 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 (HxWxD) Panel (HxWxD) | mm mm | 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 |
| Net Weight | Indoor Panel | kg | 21 5 | 21 5 | 24 5 |
| Outdoor Unit | | | | | |
| Sound Pressure Level | dB [A] | 50 | 53 | 54 | 57 |
| Sound Power Level | dB | 69 | 72 | 73 | 76 |
| Dimension | Outdoor (HxWxD) | mm | 695 x 875 x 320 | 695 x 875 x 320 | 996 x 980 x 370 |
| Net Weight | kg | 39 | 39 | 69 | 69 |
| Piping Connection | Gas Pipe Liquid Pipe | mm (inch) | 12.70 [1/2] 6.35 [1/4] | 15.88 [5/8] 9.52 [3/8] | 15.88 [5/8] 9.52 [3/8] |
| Pipe Length | Min-Max | m | 5 - 50 | 5 - 50 | 5 - 50 |
| Elevation Difference | m | 30 | 30 | 30 | 30 |
| Maximum Chargeless Length | Max | m | 30 | 30 | 30 |
| Additional Gas | g/m | 15 | 25 | 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).



| Capacity [Btu/h] | 17,100 | 23,200 | 32,400 | 36,900 | |
|-----------------------------------|-------------------------|---|---|--|--|
| Power Source | V/Phase Hz | | 220-240V, 10 | 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 Btu/h | 5.00 [1.60-6.00] 17,100 [5,460-20,500] | 7.10 [1.80-8.00] 24,200 [6,140-27,300] | 10.00 [3.80-11.20] 34,100 [13,000-38,200] | 12.50 [3.80-14.00] 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 Btu/hW | 4.31 14.74 | 3.94 13.44 | 4.17 14.21 | 3.48 11.89 |
| Indoor Unit | | | | | |
| Air Volume | m³/min cfm | 16.0 565 | 21.0 740 | 36.0 1,270 | 36.0 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 (HxWxD) | mm | 250 x 800 x 730 | 250 x 1,000 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 (HxWxD) | mm | 695 x 875 x 320 | 695 x 875 x 320 | 996 x 980 x 370 |
| Net Weight | kg | 39 | 39 | 69 | 69 |
| Piping Connection | Gas Pipe Liquid Pipe | mm (inch) | 12.70 [1/2] 6.35 [1/4] | 15.88 [5/8] 9.52 [3/8] | 15.88 [5/8] 9.52 [3/8] |
| Pipe Length | Min-Max | m | 5 - 50 | 5 - 50 | 5 - 50 |
| Elevation Difference | m | 30 | 30 | 30 | 30 |
| Maximum Chargeless Length | Max | m | 30 | 30 | 30 |
| Additional Gas | g/m | 15 | 25 | 25 | 25 |
| Operation Range, Outdoor | Min-Max | °C | 16-52 | 16-52 | 16-52 |

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