

PACi NX 4 way 90x90 cassette - PU3

These cassettes offer upgraded nanoe™ X and Econavi technologies to make the room air more comfortable and healthy and to increase the energy efficiency.





nanoe™ X

SEE PRODUCT SPECIFICATIONS

1 Improved indoor air quality with nanoe™ X and fresh air intake

- nanoe™ X technology equipped as standard for improved indoor air quality
- Internal cleaning function for the unit with nanoe™ X
- High external fresh air intake volume with optional kit (CZ-FDU3 + CZ-ATU2)

2 Superior energy efficiency and comfort

- High seasonal efficiency both in heating and cooling, maximum SEER: 8,9 A+++ / SCOP: 5,1 A+++*
- Econavi: Intelligent sensors to increase energy savings and comfort
- Super quiet operation down to 27 dB(A)

* For 3,6 kW model.

3 Easy installation

- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote controller CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®

Always fresh and clean air with nanoe™ X

The 4 way 90x90 cassette with nanoe™ X, when tested, has shown to inhibit hazardous substances by 92%, when compared to natural reduction*.

In addition to the 7 effects of nanoe™ X, the indoor unit can also be cleaned with a short operation of nanoe™ X + dry mode.

* Controllers (CZ-RTC5B, CZ-RTC6W/BL/BLW or CZ-RTC6/BL/BLW) are required.

After cooling / drying operation, the inside of the indoor unit is automatically dried and nanoe™ X is activated to suppress mould growth.



Operates the fan to discharge internal humidity.

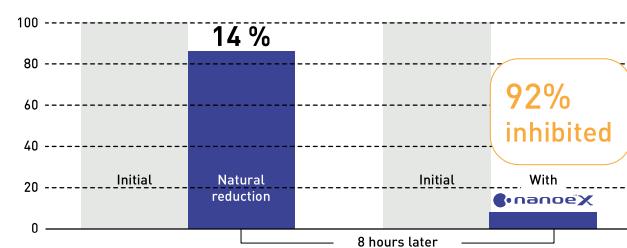


Operate the fan to circulate nanoe™ X internally.

nanoe™ X effect against odour proven in large space

92% of hexadecane¹⁾ is inhibited after 8-hours exposure in room side 267 m².

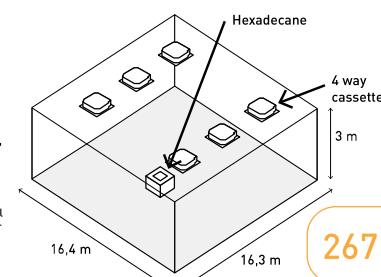
Hexadecane inhabitation ratio (%).



Test ambient.

3rd party certification organization SIRIM²⁾ conducted the performance experiment of 4 way cassette equipped with nanoe X Generator Mark 1 device in inhibiting hexadecane, a chemical contaminant.

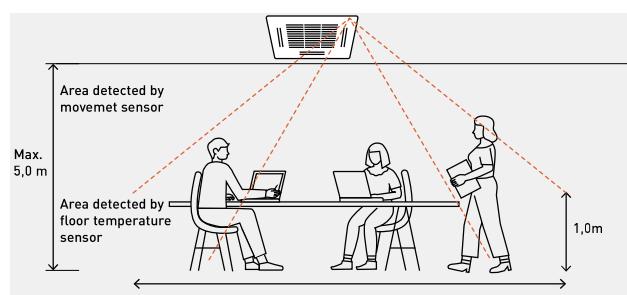
1) Hexadecane is a hazardous substance contained in gasoline and diesel exhaust gas, and considered to be one cause of oil odour. 2) SIRIM Berhad (SIRIM), a premier industrial research and technology organization in Malaysia, wholly-owned by the Ministry of Finance Incorporated.



267 m²

Optional Econavi intelligent sensor

Human activity sensor and floor temperature sensor can reduce waste energy, by optimising air conditioner operation.

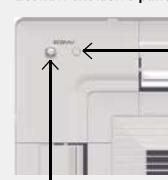


Advanced Econavi functions.

2 sensors (movement and floor temperature) can provide a reduction in wasted energy by means of effective control. The floor temperature can be detected with a ceiling height of 5 m.

INTELLIGENT ECO SENSORS
ECONAVI

Econavi exclusive panel. Optional (CZ-KPU3AW)



Movement sensor:
This sensor detects the amount of human activity, and operates effectively.



Wired remote controller CZ-RTC5B, CZ-RTC4W/BL/BLW or CZ-RTC6/BL/BLW is required.



PACi NX adaptive ducted unit - PF3

The adaptive ducted units provide better flexibility with both installation possibilities, horizontal and vertical. The powerful external static pressure, maximum 150 Pa.





nanoe™ X

SEE PRODUCT SPECIFICATIONS

1 Highly flexible installation

2 installation possibilities (horizontal / vertical).

2 installation possibilities (horizontal / vertical)

Vertical installation is available. External static pressure 150 Pa, sufficient for remotely installing units away from the rooms.



2 High seasonal performance with slim body

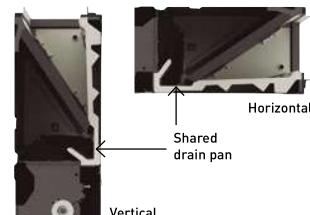
Maximum SEER: 7,4 A++¹⁾ / SCOP: 4,7 A++²⁾.

1) For 10,0 kW model. 2) For 7,1 kW model.

3 Comfort operation

Super quiet operation, minimum 22 dB(A)*.

* 3,6 kW model and when operating with external static pressure 50 Pa in low fan mode.

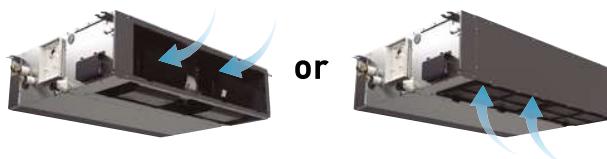


Selectable inlet air position

Inlet air position may be adjusted by means of a removable panel, to allow rear or bottom entry, depending on the duct installation.

Improved drain pan design

Just one drain pan for both horizontal and vertical installations. No need to modify the unit.



Maximum efficiency

Energy class¹⁾ and seasonal efficiency value ($\eta_{s,c} / \eta_{s,h}$)²⁾

	kW	3,6	5,0	6,0	7,1	10,0	12,5	14,0
Elite		A++	A++	A++	A++	A++	281,7%	275,9%
		A+	A+	A++	A++	A+	170,0%	171,0%
Standard		A+	A++	A++	A++	A++	257,4%	252,2%
		A+	A+	A++	A+	A	142,6%	140,6%

1) Energy label scale from A+++ to D for models below 12,0 kW (EU regulation 626/2011). 2) $\eta_{s,c} / \eta_{s,h}$ values for models above 12,0 kW (EN 14825).

Compact body

- Only 250 mm high
- Light units from 25 to 39 kg

Conventional model	Adaptive ducted
33 kg	30 kg
290 mm	250 mm

Adaptive ducted



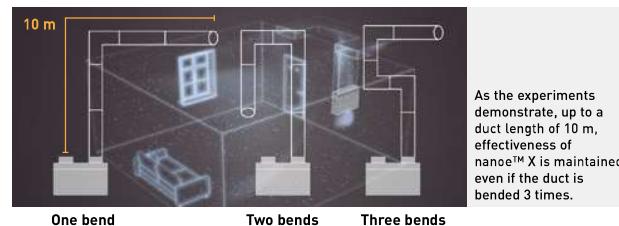
Better indoor air quality with nanoe™ X

nanoe™ X

The performance of nanoe™ X technology is maintained, even with 10 m long ducts*.

The effect of improved air quality is sufficient to allow for numerous duct shapes to fit the application.

* Panasonic internal survey.

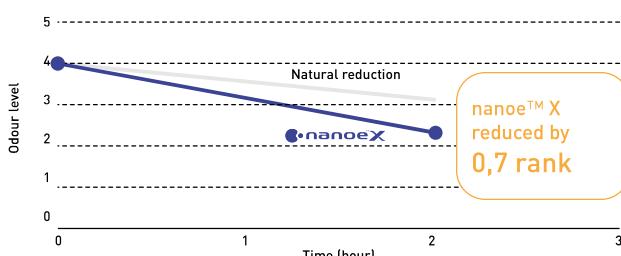


One bend Two bends Three bends

nanoe™ X effect against odour proven in large space

In a room of 139 m², tobacco odour is reduced by a factor of 0,7 when compared to natural reduction over a period of 2 hours.

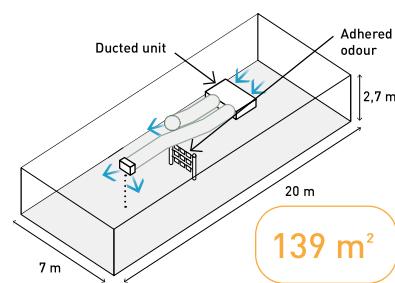
Tobacco deodorisation ratio.



Test ambient.

3rd party international testing institute KAKEN¹⁾ conducted the performance experiment of Adaptive ducted equipped with nanoe X Generator Mark 2 device removing tobacco odour.

1) KAKEN TEST CENTER General Incorporated Foundation in Japan, international testing institute.



PACi NX wall-mounted, 4 way 60x60 cassette and ceiling



A new era of air conditioning solutions are here, with built-in nanoe™ X technology.



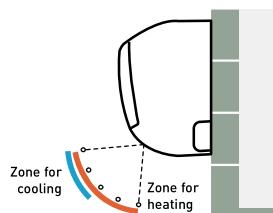
PACi NX wall-mounted - PK3.

Providing a 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.



Air distribution is automatically altered depending on the operational mode of the unit

Air outlet angle is automatically adjusted for cooling and heating operation.

**Closed discharge port**

When the unit is turned OFF, the flap closes completely to prevent dust getting into the unit and to keep the equipment clean.

Piping outlet in six directions

Piping outlet is possible in six directions of; right, right rear, right bottom, left, left rear and left bottom, making installation flexible.



[+ SEE PRODUCT SPECIFICATIONS](#)

PACi NX 4 way 60x60 cassette - PY3.

The PY3 not only perfectly matches with 600 x 600 mm ceiling grids but also provides an additional benefit for better indoor quality, with nanoe™ X built-in.

**Industry-leading energy efficiency**

- Energy class A++* with Elite outdoor range
- Energy class A++ with Standard outdoor range 2,5 kW model

* Except for 6,0 kW.

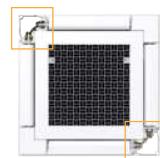
Internal cleaning function

When cooling or dry operation stopped, internal drying and nanoe™ X circulation airflow is activated in order to suppress the mould proliferation inside the unit (airflow passage, fan, heat exchanger)*.

* Depending on the installation environment or operating hours, mould proliferation or inhabitation of mould growth will be changed.

Compact and stylish design

- Required ceiling depth of only 250 mm
- Exposed area is only 30 mm

**Individual flap control**

Better control of the air flow with 4 motors, providing individual flap control. Perfect air distribution without direct airflow, to reduce the feeling of cold drafts.

[+ SEE PRODUCT SPECIFICATIONS](#)

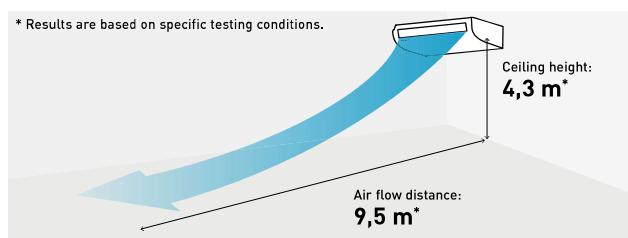
PACi NX ceiling - PT3.

Providing outstanding energy-saving performance, comfort and long-distance airflow distribution, these units are perfect for retail stores and schools.

**Comfortable, long-distance airflow distribution**

The shape of the outlet has been optimised to provide long-distance air flow distribution. Even in long rooms, air flow reaches every corner for exceptionally comfortable air conditioning.

* Results are based on specific testing conditions.

**Compact looking, stylish, one-motion design**

With its streamlined, one-motion form, the unit looks thin and compact when installed for a neat appearance in any room. When not operating, the louver closes to provide an elegant look while also keeping the unit clean.

Energy-saving technology delivering top-class efficiency

Optimisation of the shape of the casing and fan assures bigger air flow and higher efficiency. Energy-saving performance is top class in the industry. Thanks to new DC fan motor and large diagonal air flow fan.

[+ SEE PRODUCT SPECIFICATIONS](#)

Solutions for server rooms applications

Effectively protect your IT related spaces, 24/7, with a complete range of solutions offering redundancy control. High efficiency products provide reliable cooling all year round.



YKEA server room solution.

- Perfect solution for smaller server rooms
- Compact design
- Reaching SEER value of 9,6 (A+++)¹⁾
- High seasonal performance
- Range of capacities available
- Operation down to -25 °C ambient

1) For 3,5 kW unit.

PACi solution.

- Scalability for larger applications
- Twin, triple and double-twin options¹⁾
- Increased piping lengths of up to 90 m²⁾
- Increased sensible capacity options available
- Flexible and adaptable control options

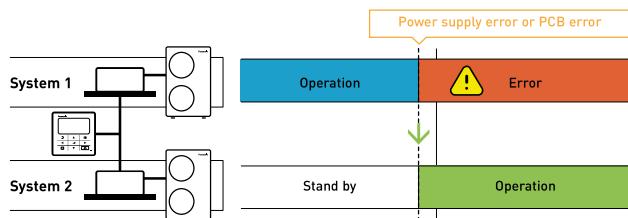
1) Compatible with PAW-PACR4 only. 2) For Big PACi 20 kW unit.

Redundancy ensured by three different functionalities..

Computer and server rooms are very sensitive areas of application. Any downtime caused by high room temperatures must be avoided by any means. Air conditioner redundancy is one of the key points to ensure a reliable nonstop cooling operation.

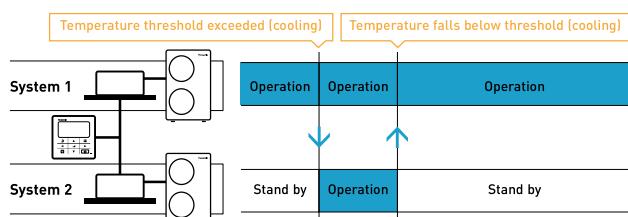
1 Backup operation

When an air conditioner fails for whatever reason, another one will awake from standby mode and cover the room's cooling load.



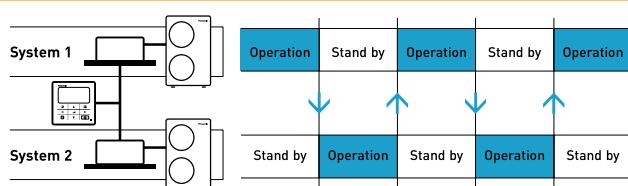
2 Support operation

Support operation, also called cascade control, makes sure that the capacity required to cool the room is delivered by one or more units whenever required. When the capacity of 1 air conditioner is not sufficient, another one will be started to support the operation.



3 Rotation operation

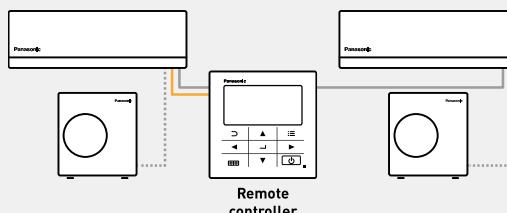
Backup and support operation are key functions for a redundant operation in computer rooms. This concept implies a main system and a sub system. In order to avoid an imbalance of the operating hours of the systems, the redundancy control equalises the operation time by rotating the main and the sub systems, thus providing a "rotation operation".



Redundancy control options for 24/7/365 applications

YKEA integral solution

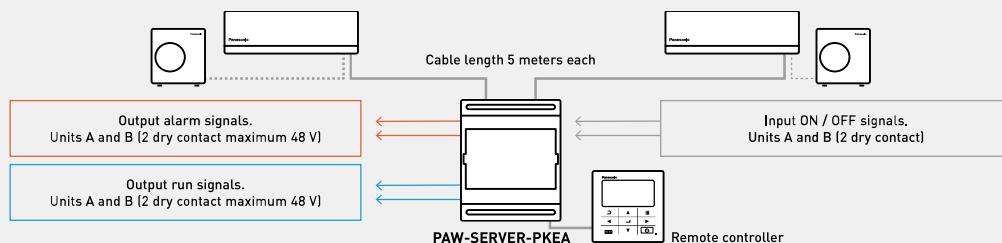
- Ideal solution for small server rooms, providing full redundancy functionality integrated in YKEA's remote controller (requires optional CZ-RCC5 cable set)
- Up to 2 YKEA systems connectable to 1 remote controller
- Individual alarm display for each system
- Operation can be monitored by H&C Controls App (via WLAN)
- No digital inputs/outputs



Optional interface for YKEA units

PAW-SERVER-PKEA

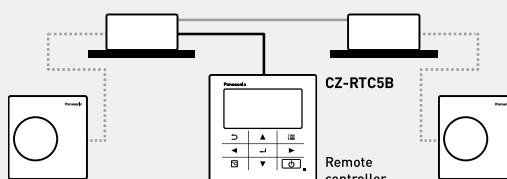
- Ideal solution for small server rooms, providing full redundancy functionality
- Up to 2 YKEA systems connectable to PAW-SERVER-PKEA
- Additional benefits: Operation and alarm outputs for each system, ON / OFF inputs for each system for connection to external BMS



PACi integral solution

CZ-RTC5B / CZ-RTC6W / CZ-RTC6 / CZ-RTC6WBL / CZ-RTC6BL / CZ-RTC6WBLW / CZ-RTC6BLW

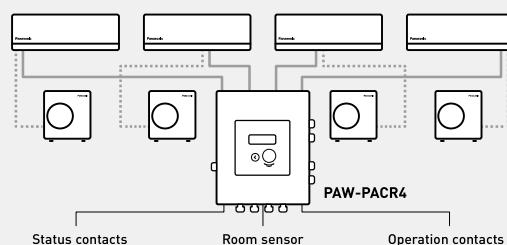
- Full redundancy functionality
- Quick and easy installation using PACi group control
- Up to 2 PACi systems connectable to 1 remote controller
- Delta T setting for support operation selectable from 4 to 10 K
- Connectable to Panasonic centralised control systems
- Optional interfaces for connection to external BMS (Modbus, BACnet, KNX)



NEW Optional interface up to 4 indoor units PACi or VRF

PAW-PACR4

- Redundancy control up to 4 indoor unit groups
- Actual unit operation / alarm status can be displayed
- Common digital alarm / operation status output
- For each support operation level, individual temperature thresholds can be set (cascade control)
- Room temperature display (by device's own temperature sensor)
- Modbus connection (up to 4 PAW-RC2-MBS-1)
- Available external inputs (ON / OFF, heating/cooling change, fire prevention contact)



YKEA series for server rooms

High efficiency products for 24/7 applications. Panasonic has developed a complete range of solutions for server rooms which efficiently protect your servers, keeping them at an appropriate temperature even when the outdoor temperature is below -25 °C.

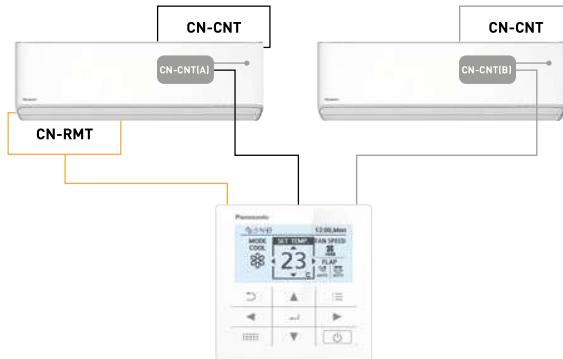


1 Designed for 24h/7d a week operation

High efficiency all year round. This wall-mounted air conditioner is designed for professional, critical applications such as computer rooms where reliable cooling inside the room is necessary even with extreme ambient conditions.

2 Remote controller for better usability

Wired remote controller, which can assure the operation 24/7 of two server room units, thanks to the integrated duty rotation mode. This function manages rotation and backup of two units and it is available when connecting an optional CN-CNT cable (CZ-RCC5) between the controller and each of the two indoor units.



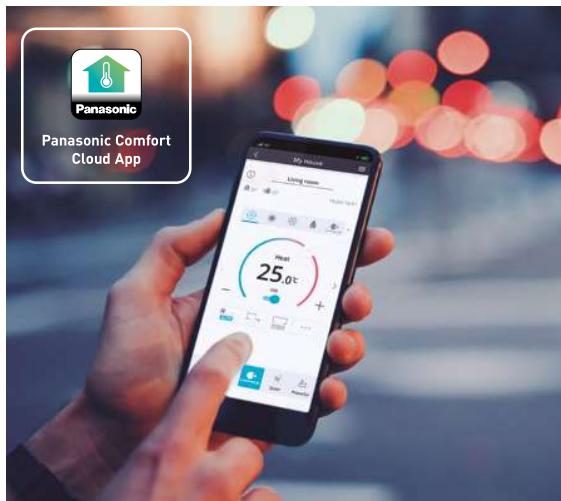
Not compatible with PACI NX outdoors and accessories. Domestic range sales conditions may apply. Check with your sales representative.

3 Highest energy rating in cooling

The SEER and SCOP of the Server room unit has been further improved to achieve top class energy efficiency. The 3,5 kW unit reaches now the SEER value of 9,6 (A+++).

4 Built-in Wi-Fi and compatible with Voice Assistant

The unit is ready to connect to the internet and to be controlled by smartphone with Panasonic Comfort Cloud App. Control, monitor energy consumption statistics and easily identify errors in case of failure.



Wall-mounted Professional -25 °C - R32

- Designed for 24h/7d a week operation
- Wired remote controller, with optional duty rotation mode
- Improved SEER / SCOP to achieve top class energy efficiency
- Aerowings 2.0, for a better control of the airflow
- Built-in Wi-Fi for instant connectivity via Panasonic Comfort Cloud App
- Compatible with Google Assistant and Amazon Alexa
- Chassis and parts designed for easier installation



Kit	KIT-Z25-YKEA	KIT-Z35-YKEA	KIT-Z42-YKEA	KIT-Z50-YKEA	KIT-Z71-YKEA
Cooling capacity Nominal [Min - Max]	kW 2,50[0,85 - 3,50]	kW 3,50[0,85 - 4,20]	kW 4,20[0,85 - 5,00]	kW 5,00[0,98 - 6,00]	kW 7,10[0,98 - 8,50]
EER ¹⁾ Nominal [Min - Max]	W/W 4,90[4,72 - 3,98]	W/W 4,12[4,72 - 3,68]	W/W 3,82[4,72 - 3,25]	W/W 3,68[3,92 - 3,16]	W/W 3,23[2,33 - 2,83]
SEER ²⁾	9,5 A+++	9,6 A+++	8,6 A+++	8,6 A+++	6,5 A++
Pdesign kW	2,50	3,50	4,20	5,00	7,10
Input power Nominal [Min - Max]	kW 0,51[0,18 - 0,88]	kW 0,85[0,18 - 1,14]	kW 1,10[0,18 - 1,54]	kW 1,36[0,25 - 1,90]	kW 2,20[0,42 - 3,00]
Annual energy consumption ³⁾	kWh/a 92	kWh/a 128	kWh/a 171	kWh/a 203	kWh/a 382
Heating capacity Nominal [Min - Max]	kW 3,40[0,85 - 5,00]	kW 4,00[0,85 - 5,80]	kW 5,30[0,85 - 6,80]	kW 5,80[0,98 - 8,00]	kW 8,20[0,98 - 10,20]
Heating capacity at -7 °C	kW 3,05	kW 3,40	kW 4,11	kW 4,80	kW 6,31
COP ¹⁾ Nominal [Min - Max]	W/W 4,86[4,72 - 3,97]	W/W 4,44[4,72 - 3,87]	W/W 3,93[4,72 - 3,66]	W/W 4,08[4,26 - 3,35]	W/W 3,71[2,45 - 3,29]
SCOP ²⁾	4,6 A++	4,6 A++	4,5 A+	4,6 A++	4,1 A+
Pdesign at -10 °C kW	2,70	3,20	3,60	4,20	5,50
Input power Nominal [Min - Max]	kW 0,70[0,18 - 1,26]	kW 0,90[0,18 - 1,50]	kW 1,35[0,18 - 1,86]	kW 1,42[0,23 - 2,39]	kW 2,21[0,40 - 3,10]
Annual energy consumption ³⁾	kWh/a 822	kWh/a 974	kWh/a 1120	kWh/a 1278	kWh/a 1878
Indoor unit	CS-Z25YKEA	CS-Z35YKEA	CS-Z42YKEA	CS-Z50YKEA	CS-Z71YKEA
Power supply V	230	230	230	230	230
Recommended fuse A	16	16	16	16	20
Connection indoor / outdoor mm ²	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5
Air flow Cool / Heat m ³ /min	11,4/13,8	12,7/14,8	13,2/15,2	17,4/19,1	19,0/19,9
Moisture removal volume L/h	1,5	2,0	2,4	2,8	4,1
Sound pressure ⁴⁾	Cool [Hi / Lo / Q-Lo] dB[A] 39/25/21	Heat [Hi / Lo / Q-Lo] dB[A] 41/27/22	42/28/21	43/32/29	44/37/30
Sound power	Cool / Heat [Hi] dB[A] 55/57	58/59	59/60	60/60	63/63
Dimension HxWxD mm	295x870x229	295x870x229	295x870x229	295x1040x244	295x1040x244
Net weight kg	11	11	11	12	13
Outdoor unit	CU-Z25YKEA	CU-Z35YKEA	CU-Z42YKEA	CU-Z50YKEA	CU-Z71YKEA
Air flow Cool / Heat m ³ /min	27,6/27,6	29,8/29,8	29,8/31,0	39,8/36,9	44,7/45,8
Sound pressure ⁴⁾	Cool / Heat [Hi] dB[A] 46/48	48/50	48/51	48/50	52/54
Sound power	Cool / Heat [Hi] dB[A] 61/63	63/65	63/66	63/65	66/68
Dimension ⁵⁾ HxWxD mm	542x780x289	542x780x289	542x780x289	695x875x320	695x875x320
Net weight kg	30	30	30	40	45
Piping diameter Liquid Inch [mm]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]
	Gas Inch [mm]	3/8 [9,52]	3/8 [9,52]	1/2 [12,70]	1/2 [12,70]
Pipe length range m	3~20	3~20	3~20	3~30	3~30
Elevation difference (in / out)	m 15	15	15	15	20
Pre-charged pipe length m	7,5	7,5	7,5	7,5	10
Additional gas amount g/m	10	10	10	15	25
Refrigerant [R32] / CO ₂ Eq.	kg / T 0,89/0,60	0,89/0,60	0,97/0,65	1,13/0,76	1,35/0,91
Operating range	Cool Min ~ Max °C -25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43
	Heat Min ~ Max °C -15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/62/2011. 4) The sound pressure of the indoor unit shows the value measured of a position 1 m in front of the main body and 0,8 m below the unit. For outdoor unit 1 m in front and 1 m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612, Q-Lo: Quiet mode, Lo: The lowest set fan speed. 5) Add 70 mm for piping port. * Not compatible with PACI NX outdoors and accessories. Domestic range sales conditions may apply. Check with your sales representative.

Accessories	
CZ-RCC5	CN-CNT cables x2 for server room application, control of 2 units, rotation, backup, etc.
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform

Accessories	
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm



SEER: For KIT-Z35-YKEA. SCOP: For KIT-Z25-YKEA, KIT-Z35-YKEA and KIT-Z50-YKEA. SUPER QUIET: For KIT-Z25-YKEA. INTERNET CONTROL: Built-in Wi-Fi.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. IDB: Dry Bulb; WB: Wet Bulb. Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.



PACi NX Series Standard wall-mounted - PK3 · R32

The wall-mounted units with stylish matt color can be offered for many applications such as studios, gyms, high ceiling areas and even computer server rooms.

The compact design and flat face ensure discreet installation, even in a small space.



	Single phase				
	3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW
Kit	KIT-36PK3Z5	KIT-50PK3Z5	KIT-60PK3Z5	KIT-71PK3Z5	KIT-100PK3Z5
Remote controller	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max) kW	3,6[1,5 - 4,0]	5,0[1,5 - 5,6]	6,1[2,0 - 7,1]	7,1[2,6 - 7,7]
EER ¹⁾	Nominal (Min - Max) W/W	4,14[3,74 - 5,88]	3,52[3,03 - 6,25]	3,67[3,01 - 6,90]	3,16[2,77 - 5,00]
SEER ²⁾	7,6 A++	7,4 A++	7,0 A++	5,8 A+	6,5 A++
Pdesign	kW	3,6	5,0	6,1	7,1
Input power	Nominal (Min - Max) kW	0,87[0,26 - 1,07]	1,42[0,24 - 1,85]	1,66[0,29 - 2,36]	2,25[0,52 - 2,78]
Annual energy consumption ³⁾	kWh/a	166	237	3,05	429
Heating capacity	Nominal (Min - Max) kW	3,6[1,5 - 4,6]	5,0[1,5 - 6,4]	6,1[1,8 - 7,0]	7,1[2,1 - 8,1]
COP ¹⁾	Nominal (Min - Max) W/W	4,62[4,11 - 6,52]	4,20[3,17 - 7,50]	4,39[3,18 - 7,50]	4,23[3,38 - 6,36]
SCOP ²⁾	4,5 A+	4,4 A+	4,7 A++	4,4 A+	3,9 A
Pdesign at -10 °C	kW	2,8	4,0	4,6	5,2
Input power	Nominal (Min - Max) kW	0,78[0,23 - 1,12]	1,19[0,20 - 2,02]	1,39[0,24 - 2,20]	1,68[0,33 - 2,40]
Annual energy consumption ³⁾	kWh/a	872	1273	1370	1653
Indoor unit	S-3650PK3E	S-3650PK3E	S-6010PK3E	S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo m³/min	13,0/11,0/9,0	16,0/13,5/11,0	20,0/17,5/14,5	20,0/17,5/14,5
Moisture removal volume	L/h	0,9	1,8	2,0	3,0
Sound pressure ⁴⁾	Hi / Med / Lo dB(A)	35/31/27	40/36/32	47/44/40	47/44/40
Sound power	Hi / Med / Lo dB(A)	51/47/43	56/52/48	63/60/56	63/60/56
Dimension	HxWxD mm	302x1120x236	302x1120x236	302x1120x236	302x1120x236
Net weight	kg	13	13	14	14
nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit	U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5
Power supply	V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool A	4,05 - 3,85 - 3,70	6,60 - 6,30 - 6,05	7,70 - 7,35 - 7,05	10,4 - 10,00 - 9,55
	Heat A	3,65 - 3,50 - 3,35	5,60 - 5,35 - 5,10	6,45 - 6,15 - 5,90	7,80 - 7,45 - 7,15
Air flow	Cool / Heat m³/min	33,6/34,0	32,7/31,9	42,6/41,5	44,7/45,9
Sound pressure	Cool / Heat (Hi) dB(A)	46/47	46/46	47/48	48/49
Sound power	Cool / Heat (Hi) dB(A)	64/66	64/64	64/65	66/68
Dimension	HxWxD mm	619x824x299	619x824x299	695x875x320	695x875x320
Net weight	kg	32	35	42	50
Piping diameter	Liquid Inch [mm]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35] ⁵⁾	1/4 [6,35] ⁵⁾
	Gas Inch [mm]	1/2 [12,70]	1/2 [12,70]	1/2 [12,70] ⁶⁾	5/8 [15,88] ⁶⁾
Pipe length range	m	3~15	3~20	3~40	3~50
Elevation difference (in / out) ⁷⁾	m	15/15	15/15	15/30	20/30
Pre-charged pipe length	m	7,5	7,5	30	30
Additional gas amount	g/m	10	15	15	17
Refrigerant (R32) / CO ₂ Eq.	kg / T	0,87/0,59	1,14/0,77	1,15/0,78	1,32/0,89
Operating range	Cool Min ~ Max °C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max °C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Technical focus

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
- nanoe™ X (Generator Mark 2: 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be controlled by the remote control of the Panasonic indoor unit

Closed discharge port

When the unit is turned OFF, the flap closes completely to prevent dust getting into the unit and to keep the equipment clean.

Quiet operation

These units are among the quietest in the industry, making them ideal for hotels and hospitals.

Piping outlet in six directions

Piping outlet is possible in six directions of right, right rear, right bottom, left, left rear and left bottom, making the installation work more flexible.



CZ-RTC5B

+ COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

**Optional:****CONEX**CONEX wired remote controller, white.
CZ-RTC6W/BL/BLW**CONEX**CONEX wired remote controller, black.
CZ-RTC6/BL/BLWInfrared remote controller.
CZ-RWS3Econavi sensor.
CZ-CENSC1**Three phase****10,0 kW****KIT-100PK3Z8****CZ-RTC5B**

Kit		
Remote controller		
Cooling capacity	Nominal [Min - Max]	kW
EER ¹⁾	Nominal [Min - Max]	W/W
SEER ²⁾		6,5 A++
Pdesign	kW	9,0
Input power	Nominal [Min - Max]	kW
Annual energy consumption ³⁾	kWh/a	2,59 [0,56 - 3,10]
Heating capacity	Nominal [Min - Max]	kW
COP ¹⁾	Nominal [Min - Max]	W/W
SCOP ²⁾		3,9 A
Pdesign at -10 °C	kW	9,0
Input power	Nominal [Min - Max]	kW
Annual energy consumption ³⁾	kWh/a	2,29 [0,56 - 2,95]
Indoor unit		
Air flow	Hi / Med / Lo	m³/min
Moisture removal volume		L/h
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)
Sound power	Hi / Med / Lo	dB(A)
Dimension	HxWxD	mm
Net weight	kg	3231
nanoe X Generator		Mark 2
Outdoor unit		
Power supply	V	380 - 400 - 415
Current	Cool A Heat A	4,30 - 4,10 - 3,95
Air flow	Cool / Heat	m³/min
Sound pressure	Cool / Heat (Hi)	dB(A)
Sound power	Cool / Heat (Hi)	dB(A)
Dimension	HxWxD	mm
Net weight	kg	996 x 980 x 370
Piping diameter	Liquid Inch (mm) Gas Inch (mm)	3/8 [9,52] 5/8 [15,88]
Pipe length range	m	5 - 50
Elevation difference (in / out) ⁷⁾	m	15/30
Pre-charged pipe length	m	30
Additional gas amount	g/m	45
Refrigerant (R32) / CO ₂ Eq.	kg / T	2,4 / 1,62
Operating range	Cool Min ~ Max °C Heat Min ~ Max °C	-10 ~ +43 -15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{seer} / η_{sh} values is calculated based on EN 14825. 3) Factory setting. 4) The sound pressure of the units shows the value measured of the position 1 m in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube Ø4,35-Ø9,52 to the liquid tubing side indoor unit. 6) Connect the gas socket tube Ø12,70-Ø15,88 to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3	Infrared remote controller

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400 x 900 x 400 mm
CZ-CENSC1	Econavi energy saving sensor



SEER: For S-3650PK3E + U-36PZ3E5. SCOP: For S-6010PK3E + U-60PZ3E5A. INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

PACi NX Series Elite and Standard 4 way 60x60 cassette - PY3 - R32

- From 2,5 to 6,0 kW (4 capacity sizes)
- Maximum SEER: 7,3 A++ / SCOP: 4,7 A++*
- Built-in drain pump
- DC drain pump and float switch to reduce the noise
- nanoe™ X (Generator Mark 2: 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality

* For Elite 3,6 kW model.



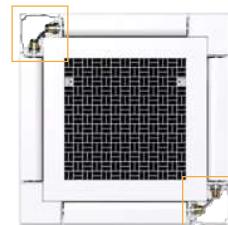
Elite		Single phase		
		3,6 kW	5,0 kW	6,0 kW
Kit		KIT-36PY3ZH5	KIT-50PY3ZH5	KIT-60PY3ZH5
Remote controller		CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,6[1,2 - 4,0]	5,0[1,2 - 5,6]
EER ¹⁾	Nominal (Min - Max)	W/W	4,50[4,04 - 5,45]	3,76[3,41 - 5,45]
SEER ²⁾		7,3 A++	7,0 A++	6,7 A++
Pdesign		kW	3,6	5,0
Input power	Nominal (Min - Max)	kW	0,80[0,22 - 0,99]	1,33[0,22 - 1,64]
Annual energy consumption ³⁾		kWh/a	400	685
Heating capacity	Nominal (Min - Max)	kW	4,0[1,2 - 5,0]	5,6[1,2 - 6,5]
COP ¹⁾	Nominal (Min - Max)	W/W	4,12[3,45 - 5,45]	3,37[2,95 - 5,45]
SCOP ²⁾		4,7 A++	4,6 A++	4,3 A+
Pdesign at -10 °C		kW	3,6	4,5
Input power	Nominal (Min - Max)	kW	0,97[0,22 - 1,45]	1,66[0,22 - 2,20]
Annual energy consumption ³⁾		kWh/a	1073	1370
Indoor unit		S-36PY3E	S-50PY3E	S-60PY3E
Air flow	Hi / Med / Lo	m³/min	9,5/7,5/6,0	12,0/9,5/6,5
Moisture removal volume		L/h	1,5	2,5
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	34/30/25	39/34/27
Sound power	Hi / Med / Lo	dB(A)	49/45/40	54/49/42
Dimension	Indoor (HxWxD)	mm	243x575x575	243x575x575
	Panel (HxWxD)	mm	30x625x625	30x625x625
Net weight	Indoor / Panel	kg	15/2,8	15/2,8
nanoe X Generator		Mark 2	Mark 2	Mark 2
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5
Power supply	V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	3,95 - 3,60 - 3,60	5,30 - 5,00 - 5,75
	Heat	A	4,75 - 4,55 - 4,35	7,85 - 7,50 - 7,20
Air flow	Cool / Heat	m³/min	34,1/36,4	42,0/42,0
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67
Dimension	HxWxD	mm	695x875x320	695x875x320
Net weight	kg	42	42	43
Piping diameter	Liquid	Inch (mm)	1/4 [6,35]	1/4 [6,35] ⁵⁾
	Gas	Inch (mm)	1/2 [12,70]	1/2 [12,70] ⁶⁾
Pipe length range		m	3~40	3~40
Elevation difference (in / out) ⁷⁾		m	15/30	15/30
Pre-charged pipe length		m	30	30
Additional gas amount		g/m	15	15
Refrigerant (R32) / CO ₂ , Eq.		kg / T	1,13/0,76	1,13/0,76
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24

Compact and stylish design

- Required ceiling depth of only 250 mm
- Exposed area is only 30 mm

Individual flap control

Better control of the air flow with 4 motors, providing individual flap control.
Perfect air distribution without direct airflow, to reduce the feeling of cold drafts.



SEER and SCOP: For S-36PY3E + U-36PZH3E5. ECONAVI and INTERNET CONTROL: Optional.



Panel.
CZ-KPY4

CZ-RTC5B

+ COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Optional:



CONEX

CONEX wired
remote controller,
white.

CZ-RTC6W/
BL/BLW

CONEX

CONEX wired
remote controller,
black.

CZ-RTC6/BL/
BLW



Infrared
remote
controller.
CZ-RWS3 +
CZ-RWRY3



Econavi
sensor.
CZ-CENSC1

Standard

		2,5 kW	3,6 kW	5,0 kW	6,0 kW
Kit		KIT-25PY3Z5	KIT-36PY3Z5	KIT-50PY3Z5	KIT-60PY3Z5
Remote controller		CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal [Min - Max]	kW	2,5[1,5 - 3,9]	3,6[1,5 - 4,0]	5,0[1,5 - 5,6]
EER ¹⁾	Nominal [Min - Max]	W/W	4,46[3,55 - 5,88]	3,96[3,57 - 5,88]	3,50[3,03 - 6,25]
SEER ²⁾		6,5 A++	6,7 A++	7,3 A++	6,8 A++
Pdesign		kW	2,5	3,6	5,0
Input power	Nominal [Min - Max]	kW	0,56[0,26 - 1,10]	0,91[0,26 - 1,12]	1,43[0,24 - 1,85]
Annual energy consumption ³⁾		kWh/a	134	188	238
Heating capacity	Nominal [Min - Max]	kW	3,2[1,5 - 4,6]	3,6[1,5 - 4,6]	5,0[1,5 - 6,4]
COP ¹⁾	Nominal [Min - Max]	W/W	4,44[3,41 - 6,52]	4,29[3,38 - 6,52]	3,94[2,91 - 7,50]
SCOP ²⁾		4,6 A++	4,3 A+	4,4 A+	4,2 A+
Pdesign at -10 °C		kW	2,8	2,8	4,0
Input power	Nominal [Min - Max]	kW	0,72[0,23 - 1,35]	0,84[0,23 - 1,36]	1,27[0,20 - 2,20]
Annual energy consumption ³⁾		kWh/a	850	912	1264
Indoor unit		S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E
Air flow	Hi / Med / Lo	m³/min	8,5/7,0/6,0	9,5/7,0/6,0	12,0/9,5/6,5
Moisture removal volume		L/h	0,7	1,5	2,3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	31/28/25	34/30/25	39/34/27
Sound power	Hi / Med / Lo	dB(A)	46/43/40	49/45/40	54/49/42
Dimension	Indoor (HxWxD)	mm	243x575x575	243x575x575	243x575x575
	Panel (HxWxD)	mm	30x625x625	30x625x625	30x625x625
Net weight	Indoor / Panel	kg	15/2,8	15/2,8	15/2,8
nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit		U-25PZ3E5	U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	2,65 - 2,55 - 2,45	4,20 - 4,05 - 3,85	6,65 - 6,35 - 6,10
	Heat	A	3,40 - 3,25 - 3,10	3,95 - 3,75 - 3,60	5,695 - 5,70 - 5,45
Air flow	Cool / Heat	m³/min	33,6/34,0	32,6/34,0	32,7/31,9
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/47	46/48
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/66	64/65
Dimension	HxWxD	mm	619x824x299	619x824x299	695x875x320
Net weight		kg	32	32	46
Piping diameter	Liquid	Inch (mm)	1/4 {6,35}	1/4 {6,35}	1/4 {6,35} ⁵⁾
	Gas	Inch (mm)	1/2{12,70}	1/2{12,70}	1/2{12,70} ⁶⁾
Pipe length range		m	3 - 15	3 - 15	3 - 20
Elevation difference (in / out) ⁷⁾	m		15/15	15/15	15/30
Pre-charged pipe length	m		7,5	7,5	7,5
Additional gas amount	g/m		10	10	15
Refrigerant [R32] / CO ₂ Eq.		kg / T	0,87/0,59	0,87/0,59	1,14/0,77
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the $\eta_{n,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Factory setting. 4) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRY3	Infrared remote controller and receiver

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor



7,3 SEER



4,6 SCOP



ECONAVI



COOLING MODE



HEATING MODE



DC FAN



R22
R410A
R32
REFRIGERANT



OPTIONAL
WI-FI



BMS
CONNECTIVITY



5
YEARS
COMPRESSOR
WARRANTY

SEER: For S-50PY3E + U-50PZ3E5. SCOP: For S-25PY3E + U-25PZ3E5. ECONAVI and INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.



nanoe™ X as a standard.

PACi NX Series Elite 4 way 90x90 cassette - PU3 - R32

4 way 90x90 cassette - PU3.

Powerful turbo fan and intelligent Econavi sensor ensure high energy efficiency, and nanoe™ X, which is equipped as standard, provides an exceptional level of indoor air quality.

	Single phase						
	3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW
Kit	KIT-36PU3ZH5	KIT-50PU3ZH5	KIT-60PU3ZH5	KIT-71PU3ZH45	KIT-100PU3ZH45	KIT-125PU3ZH45	KIT-140PU3ZH45
Remote controller	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity Nominal [Min - Max] kW	3,6[1,2 - 4,0]	5,0[1,2 - 5,6]	6,0[1,2 - 7,1]	7,1[2,2 - 9,0]	9,5[3,1 - 12,5]	12,5[3,2 - 14,0]	13,4[3,3 - 16,0]
EER ¹⁾ Nominal [Min - Max] W/W	5,45[4,60 - 5,45]	4,31[3,86 - 5,45]	4,05[3,02 - 5,45]	4,06[2,69 - 5,79]	4,42[3,42 - 5,34]	3,80[3,08 - 5,33]	3,60[2,74 - 5,32]
SEER / η_{sc} ²⁾	8,9 A+++	8,6 A+++	8,0 A++	7,7 A++	7,8 A++	304,3%	286,6%
Pdesign kW	3,6	5,0	6,0	7,1	9,5	12,5	13,4
Input power Nominal [Min - Max] kW	0,66[0,22 - 0,87]	1,16[0,22 - 1,45]	1,48[0,22 - 2,35]	1,75[0,38 - 3,35]	2,15[0,58 - 3,65]	3,29[0,60 - 4,55]	3,72[0,62 - 5,85]
Annual energy consumption ³⁾ kWh/a	142	203	263	323	426	—	—
Heating capacity Nominal [Min - Max] kW	4,0[1,2 - 5,0]	5,6[1,2 - 6,5]	7,0[1,2 - 8,0]	8,0[2,0 - 9,0]	11,2[3,1 - 14,0]	14,0[3,2 - 16,0]	16,0[3,3 - 18,0]
COP ¹⁾ Nominal [Min - Max] W/W	5,41[4,55 - 5,45]	4,24[4,19 - 5,45]	4,02[3,40 - 5,45]	4,30[3,16 - 5,56]	5,00[3,64 - 5,54]	4,61[3,37 - 5,52]	4,30[3,27 - 5,50]
SCOP / η_{sh} ²⁾	5,1 A+++	4,9 A++	4,8 A++	4,8 A++	4,9 A++	186,0%	181,2%
Pdesign at -10 °C kW	3,6	4,5	4,7	5,2	8,0	9,5	10,6
Input power Nominal [Min - Max] kW	0,74[0,22 - 1,10]	1,32[0,22 - 1,55]	1,74[0,22 - 2,35]	1,86[0,36 - 2,85]	2,24[0,56 - 3,85]	3,04[0,58 - 4,75]	3,72[0,60 - 5,50]
Annual energy consumption ³⁾ kWh/a	988	1286	1371	1517	2286	—	—
Indoor unit	S-3650PU3E	S-3650PU3E	S-6071PU3E	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Air flow Hi / Med / Lo m³/min	14,5/13,0/11,5	16,5/13,5/11,5	21,0/16,0/13,0	22,0/16,0/13,0	36,0/26,0/18,0	37,0/27,0/19,0	38,0/29,0/20,0
Moisture removal volume L/h	0,7	1,6	1,7	2,5	1,9	4,8	4,9
Sound pressure ⁴⁾ Hi / Med / Lo dB(A)	30/28/27	32/29/27	36/31/28	37/31/28	45/38/32	46/39/33	47/40/34
Sound power Hi / Med / Lo dB(A)	45/43/42	47/44/42	51/46/43	52/46/43	60/53/47	61/54/48	62/55/49
Dimension Indoor (H x W x D) mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Panel (H x W x D) 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	33,5 x 950 x 950	33,5 x 950 x 950	33,5 x 950 x 950
Net weight Indoor / Panel kg	19/5	19/5	20/5	20/5	25/5	25/5	25/5
nanoe X Generator	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1
Outdoor unit	U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5	U-100PZH4E5	U-125PZH4E5	U-140PZH4E5
Power supply V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current Cool A	3,25 - 3,10 - 3,00	5,50 - 5,25 - 5,05	6,95 - 6,65 - 6,35	8,85 - 8,45 - 8,10	10,06 - 10,02 - 9,75	16,10 - 15,40 - 14,70	18,20 - 17,40 - 16,70
Heat A	3,60 - 3,45 - 3,30	6,25 - 6,00 - 5,75	8,05 - 7,70 - 7,40	9,40 - 9,00 - 8,60	10,90 - 10,60 - 10,10	14,90 - 14,20 - 13,60	18,20 - 17,40 - 16,70
Air flow Cool / Heat m³/min	34,1/36,4	42,0/42,0	42,0/42,0	62,0/66,0	76,0/70,0	86,0/78,0	89,0/83,0
Sound pressure Cool / Heat (Hi) dB(A)	43/44	46/48	47/50	48/50	52/52	55/55	56/56
Sound power Cool / Heat (Hi) dB(A)	62/64	64/67	65/69	65/67	69/69	73/73	74/74
Dimension H x W x D mm	695 x 875 x 320	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
Net weight kg	42	42	43	66	84	86	86
Piping diameter Liquid Inch (mm)	1/4 [6,35]	1/4 [6,35]	1/4 [6,35] ⁵⁾	3/8 [9,52]	3/8 [9,52]	3/8 [9,52]	3/8 [9,52]
Gas Inch (mm)	1/2 [12,70]	1/2 [12,70]	1/2 [12,70] ⁶⁾	5/8 [15,88]	5/8 [15,88]	5/8 [15,88]	5/8 [15,88]
Pipe length range m	3~40	3~40	3~40	5~60	5~100	5~100	5~100
Elevation difference (in / out) ⁷⁾ m	15/30	15/30	15/30	15/30	15/30	15/30	15/30
Pre-charged pipe length m	30	30	30	30	30	30	30
Additional gas amount g/m	15	15	15	30	40	40	40
Refrigerant (R32) / CO ₂ , Eq. kg / T	1,13/0,76	1,13/0,76	1,15/0,78	1,95/1,32	2,70/1,82	3,00/2,03	3,00/2,03
Operating range Cool Min ~ Max °C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52
Heat Min ~ Max °C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- High performance turbo fan
- Econavi: An optional intelligent sensor to reduce waste of energy
- nanoe™ X (Generator Mark 1= 4,8 trillion hydroxyl radicals/sec) as standard for better indoor air quality, indoor unit internal cleaning with nanoe™ X plus dry operation
- Lower noise in low fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®
- High volume fresh air input with optional air-intake plenum and chamber (CZ-FDU3+CZ-ATU2)



Standard panel.
CZ-KPU3W



Optional Econavi panel
(CZ-RTC5B is required).
CZ-KPU3AW

CZ-RTC5B

New
2023

+ COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Optional:**CONEX****CONEX** wired remote controller, white.**CONEX** wired remote controller, black.

Infrared
remote
controller.
CZ-RWS3 +
CZ-RWRU3W

		7,1 kW	10,0 kW	12,5 kW	14,0 kW
Kit		KIT-71PU3ZH48	KIT-100PU3ZH48	KIT-125PU3ZH48	KIT-140PU3ZH48
Remote controller		CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal [Min - Max]	kW	7,1[2,2 - 9,0]	9,5[3,1 - 12,5]	12,5[3,2 - 14,0]
EER ¹⁾	Nominal [Min - Max]	W/W	4,06[2,69 - 5,79]	4,42[3,42 - 5,34]	3,80[3,08 - 5,33]
SEER / η_{s,c} ²⁾		7,7 A++	7,2 A++	303,0%	286,6%
Pdesign		kW	7,1	9,5	12,5
Input power	Nominal [Min - Max]	kW	1,75[0,38 - 3,35]	2,15[0,58 - 3,65]	3,29[0,60 - 4,55]
Annual energy consumption ³⁾		kWh/a	323	426	—
Heating capacity	Nominal [Min - Max]	kW	8,0[2,0 - 9,0]	11,2[3,1 - 14,0]	14,0[3,2 - 16,0]
COP ¹⁾	Nominal [Min - Max]	W/W	4,30[3,16 - 5,56]	5,00[3,64 - 5,54]	4,61[3,37 - 5,52]
SCOP / η_{s,h} ²⁾		4,8 A++	4,9 A++	186,0%	181,1%
Pdesign at -10 °C		kW	5,2	8,0	9,5
Input power	Nominal [Min - Max]	kW	1,86[0,36 - 2,85]	2,24[0,56 - 3,85]	3,04[0,58 - 4,75]
Annual energy consumption ³⁾		kWh/a	1517	2286	—
Indoor unit		S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Air flow	Hi / Med / Lo	m ³ /min	22,0/16,0/13,0	36,0/26,0/18,0	37,0/27,0/19,0
Moisture removal volume		L/h	2,5	1,9	4,8
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	37/31/28	45/38/32	46/39/33
Sound power	Hi / Med / Lo	dB(A)	52/46/43	60/53/47	61/54/48
Dimension	Indoor (HxWxD)	mm	256x840x840	319x840x840	319x840x840
	Panel (HxWxD)	mm	33,5x950x950	33,5x950x950	33,5x950x950
Net weight	Indoor / Panel	kg	20/5	25/5	25/5
nanoe X Generator		Mark 1	Mark 1	Mark 1	Mark 1
Outdoor unit		U-71PZH4E8	U-100PZH4E8	U-125PZH4E8	U-140PZH4E8
Power supply		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	2,95 - 2,80 - 2,70	3,60 - 3,40 - 3,25	5,45 - 5,15 - 5,00
	Heat	A	3,15 - 3,00 - 2,90	3,75 - 3,55 - 3,40	5,10 - 4,80 - 4,65
Air flow	Cool / Heat	m ³ /min	62,0/66,0	76,0/70,0	86,0/78,0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	55/55
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	73/73
Dimension	HxWxD	mm	996x980x370	996x980x370	996x980x370
Net weight		kg	66	82	84
Piping diameter	Liquid	Inch (mm)	3/8[9,52]	3/8[9,52]	3/8[9,52]
	Gas	Inch (mm)	5/8[15,88]	5/8[15,88]	5/8[15,88]
Pipe length range		m	5 ~ 60	5 ~ 100	5 ~ 100
Elevation difference (in / out) ⁷⁾	m		15/30	15/30	15/30
Pre-charged pipe length	m		30	30	30
Additional gas amount	g/m		30	40	40
Refrigerant [R32] / CO ₂ Eq.		kg / T	1,95/1,32	2,70/1,82	3,00/2,03
Operating range	Cool Min ~ Max	°C	-15 ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{s,c} / η_{s,h} values is calculated based on EN 14825. 3) Factory setting. 4) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with European 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. 8) Pipe length up to 30 m. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRU3W	Infrared remote controller and receiver

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
CZ-KPU3AW	Econavi exclusive panel
PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-FDU3+CZ-ATU2	Fresh air-intake kit



8,9 SEER



5,1 SCOP



ECONAVI



INVERTER+



COOLING MODE



HEATING MODE



+nanoeX



DC FAN

R22 R410A R32
R22/R410A RENEWAL

OPTIONAL WI-FI

BMS
CONNECTIVITY5
YEARS
COMPRESSOR
WARRANTY

SEER and SCOP: For S-3650PU3E + U-36PZH3E5. ECONAVI and INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.



PACi NX Series Standard adaptive ducted unit - PF3 - R32

Adaptive ducted unit - PF3.

2 installation possibilities (horizontal / vertical) with high ESP 150Pa allows flexible installation.



	Single phase						
Kit	3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW
Remote controller	KIT-36PF3Z5	KIT-50PF3Z5	KIT-60PF3Z5	KIT-71PF3Z5	KIT-100PF3Z5	KIT-125PF3Z5	KIT-140PF3Z5
Cooling capacity Nominal [Min - Max] kW	3,4[1,5 - 4,0]	5,0[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]
EER ¹⁾ Nominal [Min - Max] W/W	3,78[3,51 - 5,00]	2,78[2,76 - 4,63]	3,54[2,63 - 5,88]	3,18[2,69 - 4,56]	3,57[2,36 - 5,08]	3,40[2,76 - 5,08]	3,16[2,56 - 5,08]
SEER / η_{sc} ²⁾	6,0 A+	6,5 A++	6,4 A++	6,0 A+	6,6 A++	257,4%	252,2%
Pdesign kW	3,4	5,0	5,7	6,8	9,5	12,1	13,4
Input power Nominal [Min - Max] kW	0,90[0,30 - 1,14]	1,80[0,32 - 1,92]	1,61[0,34 - 2,40]	2,14[0,57 - 2,86]	2,66[0,59 - 4,84]	3,56[0,63 - 4,90]	4,24[0,65 - 5,86]
Annual energy consumption ³⁾ kWh/a	198	267	310	391	502	—	—
Heating capacity Nominal [Min - Max] kW	3,4[1,5 - 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]
COP ¹⁾ Nominal [Min - Max] W/W	4,15[3,51 - 5,36]	3,62[3,06 - 5,36]	4,04[2,82 - 6,21]	4,00[3,03 - 5,68]	4,09[3,00 - 5,08]	3,56[3,16 - 5,24]	3,76[3,03 - 5,23]
SCOP / η_{sh} ²⁾	4,0 A+	4,0 A+	4,4 A+	4,1 A+	3,9 A	142,6%	140,6%
Pdesign at -10 °C kW	2,4	3,8	4,4	4,7	7,8	9,3	9,5
Input power Nominal [Min - Max] kW	0,82[0,28 - 1,31]	1,38[0,28 - 1,73]	1,41[0,29 - 2,48]	1,70[0,37 - 2,67]	2,32[0,59 - 4,50]	3,40[0,63 - 4,74]	3,56[0,65 - 5,28]
Annual energy consumption ³⁾ kWh/a	839	1303	1376	1591	2795	—	—
Indoor unit	S-3650PF3E	S-3650PF3E	S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾ Nominal [Min - Max] Pa	30[10 - 150]	30[10 - 150]	30[10 - 150]	30[10 - 150]	40[10 - 150]	50[10 - 150]	50[10 - 150]
Air flow Hi / Med / Lo m³/min	14,0/13,0/10,0	16,0/15,0/12,0	21,0/19,0/15,0	21,0/19,0/15,0	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume L/h	0,9	1,9	1,7	2,7	3,2	4,1	4,9
Sound pressure ⁵⁾ Hi / Med / Lo dB(A)	30/27/22	34/30/25	30/26/23	30/26/23	33/29/25	35/31/27	39/35/29
Sound power Hi / Med / Lo dB(A)	53/50/45	57/53/48	53/49/46	53/49/46	56/52/48	58/54/50	62/58/52
Dimension HxWxD mm	250x800x730	250x800x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730	250x1400x730
Net weight kg	25	25	30	30	39	39	39
nanoe X Generator	Mark 2						
Outdoor unit	U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5
Power supply V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current Cool A	4,15-4,00-3,85	8,35-8,00-7,65	7,45-7,15-6,85	9,95-9,50-9,10	13,30-12,70-12,20	17,20-16,40-15,80	20,50-19,60-18,8
Heat A	3,85-3,70-3,50	6,45-6,20-5,95	6,55-6,25-6,00	7,90-7,55-7,25	11,60-11,10-10,60	16,40-15,70-15,00	17,20-16,40-15,80
Air flow Cool / Heat m³/min	33,6/34,0	32,7/31,9	42,6/41,5	44,7/45,9	73,0/73,0	82,0/80,0	84,0/82,0
Sound pressure Cool / Heat (Hi) dB(A)	46/47	46/46	47/48	48/49	52/52	55/55	56/56
Sound power Cool / Heat (Hi) dB(A)	64/66	64/64	64/65	66/68	70/70	73/73	74/74
Dimension HxWxD mm	619x824x299	619x824x299	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370
Net weight kg	32	35	42	50	83	87	87
Piping diameter Liquid Inch (mm)	1/4 [Ø6,35]	1/4 [Ø6,35]	1/4 [Ø6,35]	1/4 [Ø6,35]	3/8 [9,52]	3/8 [9,52]	3/8 [9,52]
Gas Inch (mm)	1/2 [Ø12,7]	1/2 [Ø12,7]	1/2 [Ø12,7]	1/2 [Ø12,7]	5/8 [15,88]	5/8 [15,88]	5/8 [15,88]
Pipe length range m	3 - 15	3 - 20	3 - 40	3 - 40	5 - 50	5 - 50	5 - 50
Elevation difference (in / out) ⁸⁾ m	15/15	15/15	15/30	20/30	15/30	15/30	15/30
Pre-charged pipe length m	7,5	7,5	30	30	30	30	30
Additional gas amount g/m	10	15	15	17	45	45	45
Refrigerant (R32) / CO ₂ , Eq. kg / T	0,87/0,59	1,14/0,77	1,15/0,78	1,32/0,89	2,40/1,62	2,80/1,89	2,80/1,89
Operating range Cool Min ~ Max °C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
Heat Min ~ Max °C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Technical focus

- 2 installation possibilities (horizontal / vertical)
- Maximum external static pressure: 150 Pa
- Selectable inlet air position (rear / bottom entry)
- Improved drain pan suitable for both horizontal / vertical installation
- Drain pump included
- nanoe™ X (Generator Mark 2: 9,6 trillion hydroxyl radicals/sec) as standard for the long duct piping case*
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®

* The performance of nanoe™ X air can be expected even by 10 m long duct by Panasonic internal survey.

2 installation possibilities (horizontal / vertical)

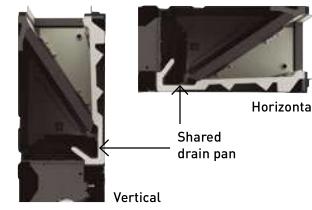
Vertical installation is available.
ESP 150Pa, sufficient for remotely installing units away from the rooms.



Improved drain pan design

Drain pan is shared in both cases horizontal and vertical installation.

No need to modify the unit.





CZ-RTC5B

+ COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

**Optional:****CONEX**

CONEX wired remote controller, white, CZ-RTC6W/BL/BLW

CONEX

CONEX wired remote controller, black, CZ-RTC6/BL/BLW



Infrared remote controller, CZ-RWS3 + CZ-RWRC3



Econavi sensor, CZ-CENSC1

			Three phase	10,0 kW	12,5 kW	14,0 kW
Kit		KIT-100PF3Z8		KIT-125PF3Z8		KIT-140PF3Z8
Remote controller		CZ-RTC5B		CZ-RTC5B		CZ-RTC5B
Cooling capacity	Nominal [Min - Max]	kW	9,5[3,0 - 11,4]	12,1[3,2 - 13,5]	13,4[3,3 - 15,0]	
EER ¹⁾	Nominal [Min - Max]	W/W	3,57[2,36 - 5,08]	3,40[2,76 - 5,08]	3,16[2,56 - 5,08]	
SEER / η_{s,c} ²⁾			6,5 A++	256,2%	251,4%	
Pdesign		kW	9,5	12,1	13,4	
Input power	Nominal [Min - Max]	kW	2,66[0,59 - 4,84]	3,56[0,63 - 4,90]	4,24[0,65 - 5,86]	
Annual energy consumption ³⁾		kWh/a	508	—	—	
Heating capacity	Nominal [Min - Max]	kW	9,5[3,0 - 13,5]	12,1[3,3 - 15,0]	13,4[3,4 - 16,0]	
COP ¹⁾	Nominal [Min - Max]	W/W	4,09[3,00 - 5,08]	3,56[3,16 - 5,24]	3,76[3,03 - 5,23]	
SCOP / η_{s,h} ²⁾			3,9 A	142,6%	140,6%	
Pdesign at -10 °C		kW	7,8	9,3	9,5	
Input power	Nominal [Min - Max]	kW	2,32[0,59 - 4,50]	3,40[0,63 - 4,74]	3,56[0,65 - 5,28]	
Annual energy consumption ³⁾		kWh/a	2795	—	—	
Indoor unit		S-1014PF3E		S-1014PF3E		S-1014PF3E
External static pressure ⁴⁾	Nominal [Min - Max]	Pa	40[10 - 150]	50[10 - 150]	50[10 - 150]	
Air flow	Hi / Med / Lo	m ³ /min	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0	
Moisture removal volume		L/h	3,2	4,1	4,9	
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	33/29/25	35/31/27	39/35/29	
Sound power	Hi / Med / Lo	dB(A)	56/52/48	58/54/50	62/58/52	
Dimension	HxWxD	mm	250x1400x730	250x1400x730	250x1400x730	
Net weight		kg	39	39	39	
nanoe X Generator			Mark 2	Mark 2	Mark 2	
Outdoor unit		U-100PZ3E8		U-125PZ3E8		U-140PZ3E8
Power supply		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	
Current	Cool	A	4,45 - 4,20 - 4,05	5,75 - 5,45 - 5,25	6,85 - 6,50 - 6,30	
	Heat	A	3,85 - 3,70 - 3,55	5,50 - 5,20 - 5,05	5,75 - 5,45 - 5,25	
Air flow	Cool / Heat	m ³ /min	73,0/73,0	82,0/80,0	84,0/82,0	
Sound pressure	Cool / Heat [Hi]	dB(A)	52/52	55/55	56/56	
Sound power	Cool / Heat [Hi]	dB(A)	70/70	73/73	74/74	
Dimension	HxWxD	mm	996x980x370	996x980x370	996x980x370	
Net weight		kg	83	87	87	
Piping diameter	Liquid	Inch (mm)	3/8[9,52]	3/8[9,52]	3/8[9,52]	
	Gas	Inch (mm)	5/8[15,88]	5/8[15,88]	5/8[15,88]	
Pipe length range		m	5 ~ 50	5 ~ 50	5 ~ 50	
Elevation difference [in / out] ⁸⁾		m	15/30	15/30	15/30	
Pre-charged pipe length		m	30	30	30	
Additional gas amount		g/m	45	45	45	
Refrigerant [R32] / CO ₂ Eq.		kg / T	2,40/1,62	2,80/1,89	2,80/1,89	
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{s,c} / η_{s,h} values is calculated based on EN 14825. 3) Factory setting. 4) Medium external static pressure setting from factory. 5) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 7) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A. ** Above values are in the case of standard installation(horizontal installation in the ceiling, rear side air intake) and nanoe™ X OFF.

Accessories

CZ-RTC6W	CONEX wired remote controller [non-wireless], white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller [non-wireless], black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller and receiver
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories

PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor
CZ-56DAF2	Air outlet plenum for S-3650PF3E
CZ-90DAF2	Air outlet plenum for S-6071PF3E
CZ-160DAF2	Air outlet plenum for S-1014PF3E



6,6 SEER



4,4 SCOP



-10 °C



-15 °C



22 dB(A)



SEER: For S-1014PF3E + U-100PZ3E5. SCOP: For S-6071PF3E + U-60PZ3E5. SUPER QUIET: For S-3650PF3E + U-36PZ3E5. INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. IDB: Dry Bulb; WB: Wet Bulb. Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.

Commercial twin, triple and double-twin systems - R32

New
2023



PACi Elite outdoor units - R32

		7,1 kW	10,0 kW	12,5 kW	14,0 kW	20,0 kW	Big PACi 25,0 kW
Outdoor unit single phase		U-71PZH4E5	U-100PZH4E5	U-125PZH4E5	U-140PZH4E5	—	—
Outdoor unit three phase		U-71PZH4E8	U-100PZH4E8	U-125PZH4E8	U-140PZH4E8	U-200PZH2E8	U-250PZH2E8
Cooling capacity ¹⁾	Nominal (Min - Max)	kW	7,1(2,2 - 9,0)	9,5(3,1 - 12,5)	12,5(3,2 - 14,0)	13,4(3,3 - 16,0)	20,0(5,7 - 22,4)
Heating capacity ¹⁾	Nominal (Min - Max)	kW	8,0(2,0 - 9,0)	11,2(3,1 - 14,0)	14,0(3,2 - 16,0)	16,0(3,3 - 18,0)	22,4(5,0 - 25,0)
Power supply	Single phase	V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	—
	Three phase	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Connection indoor / outdoor		mm ²	2x1,5 or 2,5	2x1,5 or 2,5	2x1,5 or 2,5	2x1,5 or 2,5	—
Air flow	Cool / Heat	m ³ /min	62,0/66,0	76,0/70,0	86,0/78,0	89,0/83,0	164/164
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	55/55	56/56	59/61
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	73/73	74/74	77/79
Dimension	H x W x D	mm	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	1500 x 980 x 370
Net weight	1ph / 3ph	kg	66	84/82	86/84	86/84	117
Piping diameter	Liquid	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas	Inch (mm)	5/8(15,88)	5/8(15,88)	5/8(15,88)	5/8(15,88)	1(25,40)
Pipe length range	Min ~ Max	m	5~60	5~100	5~100	5~100	5~60
Elevation difference (in / out)	Max	m	15/30 ²⁾	15/30 ²⁾	15/30 ²⁾	15/30 ²⁾	30
Pre-charged pipe length	m	30	30	30	30	30	30
Additional gas amount	g/m	30	40	40	40	60	80
Refrigerant (R32) / CO ₂ Eq.	kg / T	1,95/1,32	2,70/1,82	3,00/2,03	3,00/2,03	4,20/2,835	5,20/3,51
Operating range	Cool Min ~ Max	°C	-15 ~ +52	-20 ³⁾ ~ +52	-20 ³⁾ ~ +52	-20 ³⁾ ~ +52	-15 ~ +46
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

1) With 4 way 90x90 cassette. 2) Outdoor unit located lower / outdoor unit located higher. 3) Pipe length up to 30 m.



PACi NX Standard outdoor units - R32

		10,0 kW	12,5 kW	14,0 kW	
Outdoor unit single phase		U-100PZ3E5	U-125PZ3E5	U-140PZ3E5	
Outdoor unit three phase		U-100PZ3E8	U-125PZ3E8	U-140PZ3E8	
Cooling capacity ¹⁾	Nominal (Min - Max)	kW	10,0(3,0 - 11,5)	12,5(3,2 - 13,5)	14,0(3,3 - 15,0)
Heating capacity ¹⁾	Nominal (Min - Max)	kW	10,0(3,0 - 14,0)	12,5(3,3 - 15,0)	14,0(3,4 - 16,0)
Power supply	Single phase	V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
	Three phase	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Connection indoor / outdoor		mm ²	2x1,5 or 2,5	2x1,5 or 2,5	2x1,5 or 2,5
Air flow	Cool / Heat	m ³ /min	73,0/73,0	82,0/80,0	84,0/82,0
Sound pressure	Cool / Heat (Hi)	dB(A)	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB(A)	70/70	73/73	74/74
Dimension	H x W x D	mm	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight	kg	83	87	87	87
Piping diameter	Liquid	Inch (mm)	3/8(9,52)	3/8(9,52)	3/8(9,52)
	Gas	Inch (mm)	5/8(15,88)	5/8(15,88)	5/8(15,88)
Pipe length range	Min ~ Max	m	5~50	5~50	5~50
Elevation difference (in / out) ²⁾	Max	m	15/30	15/30	15/30
Pre-charged pipe length	m	30	30	30	30
Additional gas amount	g/m	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.	kg / T	2,4/1,62	2,8/1,89	2,8/1,89	2,8/1,89
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24

1) With 4 way 90x90 cassette. 2) Outdoor unit located lower / outdoor unit located higher.

Compatible indoor units for multi combinations

Optional:



PANASONIC AC SMART CLOUD and AC SERVICE CLOUD: Optional.



Wall-mounted	Indoor unit	Cooling capacity	Heating capacity	Dimension	Sound pressure ¹⁾	Air flow ²⁾
		kW	kW			
3,6 - 5,0 kW	S-3650PK3E	3,6 - 5,0	4,0 - 5,6	302 x 1120 x 236	35/31/27 - 40/36/32	13,0/11,0/9,0 - 16,0/13,5/11,0
6,0 - 7,1 kW	S-6010PK3E	6,1 - 7,1	7,0 - 8,0	302 x 1120 x 236	47/44/40 - 47/44/40	20,0/17,5/14,5 - 20,0/17,5/14,5
10,0 kW	S-6010PK3E	9,5	9,5	302 x 1120 x 236	49/45/41	22,0/18,5/15,0



PANASONIC AC SMART CLOUD and AC SERVICE CLOUD: Optional.



4 way 60x60 cassette	Indoor unit (panel CZ-KPY4)	Cooling capacity	Heating capacity	Dimension indoor / panel	Sound pressure ¹⁾	Air flow ²⁾
		kW	kW			
2,5 kW	S-25PY3E	2,5	3,2	243 x 575 x 575 / 30 x 625 x 625	31/28/25	8,5/7,0/6,0
3,6 kW	S-36PY3E	3,6	4,0	243 x 575 x 575 / 30 x 625 x 625	34/30/25	9,5/7,5/6,0
5,0 kW	S-50PY3E	5,0	5,6	243 x 575 x 575 / 30 x 625 x 625	39/34/27	12,0/9,5/6,5
6,0 kW	S-60PY3E	6,0	7,0	243 x 575 x 575 / 30 x 625 x 625	43/37/31	14,0/10,5/8,0



PANASONIC AC SMART CLOUD and AC SERVICE CLOUD: Optional.



4 way 90x90 cassette	Indoor unit (panels CZ-KPU3W/3AW)	Cooling capacity	Heating capacity	Dimension indoor / panel	Sound pressure ¹⁾	Air flow ²⁾
		kW	kW			
3,6 - 5,0 kW	S-3650PU3E	3,6 - 5,0	4,0 - 5,6	256 x 840 x 840 / 33,5 x 950 x 950	30/28/27 - 32/29/27	14,5/13,0/11,5 - 16,5/13,5/11,5
6,0 - 7,1 kW	S-6071PU3E	6,0 - 7,1	7,0 - 8,0	256 x 840 x 840 / 33,5 x 950 x 950	36/31/28 - 37/31/28	21,0/16,0/13,0 - 22,0/16,0/13,0
10,0 - 12,5 kW	S-1014PU3E	10,0 - 12,5	11,2 - 14,0	319 x 840 x 840 / 33,5 x 950 x 950	45/38/32 - 46/39/33	36,0/26,0/18,0 - 37,0/27,0/19,0
14,0 kW	S-1014PU3E	14,0	16,0	319 x 840 x 840 / 33,5 x 950 x 950	47/40/34	38,0/29,0/20,0



PANASONIC AC SMART CLOUD and AC SERVICE CLOUD: Optional.



Ceiling	Indoor unit	Cooling capacity	Heating capacity	Dimension	Sound pressure ¹⁾	Air flow ²⁾
		kW	kW			
3,6 - 5,0 kW	S-3650PT3E	3,5 - 5,0	4,0 - 5,6	235 x 960 x 690	36/32/28 - 37/33/28	14,0/12,0/10,5 - 15,0/12,5/10,5
6,0 - 7,1 kW	S-6071PT3E	6,0 - 6,8	7,0 - 8,0	235 x 1275 x 690	38/34/29 - 39/35/30	20,0/17,0/14,5 - 21,0/18,0/15,5
10,0 - 12,5 kW	S-1014PT3E	9,5 - 12,1	11,2 - 14,0	235 x 1590 x 690	42/37/34 - 46/40/35	30,0/25,0/23,0 - 34,0/28,0/24,0
14,0 kW	S-1014PT3E	13,4	16,0	235 x 1590 x 690	47/41/36	35,0/29,0/25,0



PANASONIC AC SMART CLOUD and AC SERVICE CLOUD: Optional.



Adaptive ducted unit	Indoor unit	Cooling capacity	Heating capacity	Dimension	External static pressure	Sound pressure ¹⁾	Air flow ²⁾
		kW	kW				
3,6 - 5,0 kW	S-3650PF3E	3,6 - 5,0	4,0 - 5,6	250 x 800 x 730	30(10-150) - 30(10-150)	30/27/22 - 34/30/25	14,0/13,0/10,0 - 16,0/15,0/12,0
6,0 - 7,1 kW	S-6071PF3E	5,7 - 6,8	7,0 - 7,5	250 x 1000 x 730	30(10-150) - 30(10-150)	30/26/23 - 30/26/23	21,0/19,0/15,0 - 21,0/19,0/15,0
10,0 - 12,5 kW	S-1014PF3E	9,5 - 12,1	10,8 - 13,5	250 x 1400 x 730	40(10-150) - 50(10-150)	33/29/25 - 35/31/27	32,0/26,0/21,0 - 34,0/29,0/23,0
14,0 kW	S-1014PF3E	13,4	15,5	250 x 1400 x 730	50(10-150)	39/35/29	36,0/32,0/25,0

* The data shown in these tables are based on PACI NX Elite combinations. 1) The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 2) Factory setting.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.