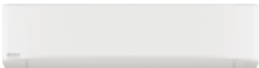
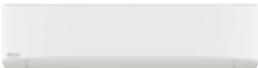
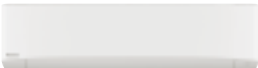
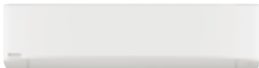


Commercial units PACi NX R32 range

NEW
2021

Page	Indoor units	3.6 kW	4.5 kW ¹⁾	5.0 kW	6.0 kW
P. 48	NEW wall-mounted Inverter+ • R32				
		S-3650PK3E	S-3650PK3E	S-3650PK3E	S-6010PK3E
P. 52	NEW 4 way 90x90 cassette Inverter+ • R32				
		S-3650PU3E	S-3650PU3E	S-3650PU3E	S-6071PU3E
P. 56	NEW ceiling Inverter+ • R32				
		S-3650PT3E	S-3650PT3E	S-3650PT3E	S-6071PT3E
P. 60	NEW adaptive ducted Inverter+ • R32				
		S-3650PF3E	S-3650PF3E	S-3650PF3E	S-6071PF3E
Outdoor units		3.6 kW	5.0 kW		6.0 kW
PACi NX Elite • R32					
		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	
PACi NX Standard • R32					
		U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	

1) The 4.5 kW indoor unit are only available only for twin, triple and double-twin combinations. * U-__E5 Single phase / U-__E8 Three phase.

OPTIONAL UNITS ON
VENTILATION SECTION

7.1 kW	10.0 kW	12.5 kW	14.0 kW
			
S-6010PK3E	S-6010PK3E		
			
S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
			
S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
			
S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
7.1 kW	10.0 kW	12.5 kW	14.0 kW]
			
U-71PZH3E5	U-100PZH3E5 / U-100PZH3E8	U-125PZH3E5 / U-125PZH3E8	U-140PZH3E5 / U-140PZH3E8
			
U-71PZ3E5A	U-100PZ3E5 / U-100PZ3E8	U-125PZ3E5 / U-125PZ3E8	U-140PZ3E5 / U-140PZ3E8

NEW
2021Available
Mar 21

nanoe™X

nanoe™ X as a standard.

NEW PACi NX Series Elite wall-mounted Inverter+ • 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-36PK3ZH5	KIT-50PK3ZH5	KIT-60PK3ZH5	KIT-71PK3ZH5	KIT-100PK3ZH5
Remote controller			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]	6.1 [1.2 - 7.1]	7.1 [2.2 - 9.0]	9.5 [3.1 - 10.5]
UK Cooling	(Total - Sensible)	kW					
EER ¹⁾		W/W	4.93 [5.45 - 4.49]	4.24 [5.45 - 3.61]	3.86 [5.45 - 3.02]	3.50 [5.79 - 2.69]	3.26 [5.34 - 3.09]
SEER ²⁾			8.4 A++	8.0 A++	7.2 A++	6.8 A++	6.4 A++
Pdesign		kW	3.6	5.0	6.1	7.1	9.5
Input power cooling		kW	0.73 [0.20 - 8.90]	1.18 [0.20 - 1.55]	1.58 [0.20 - 2.35]	2.03 [0.38 - 3.35]	2.91 [0.58 - 3.40]
Annual energy consumption ³⁾		kWh/a	150	219	297	365	520
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]	9.5 [3.1 - 11.5]
UK Heating	(Total - Sensible)	kW					
COP ¹⁾		W/W	4.82 [5.45 - 4.17]	4.15 [5.45 - 3.55]	4.10 [5.45 - 3.40]	4.00 [5.56 - 3.16]	3.97 [5.54 - 3.43]
SCOP ²⁾			4.9 A++	4.7 A++	4.8 A++	4.7 A++	4.1 A+
Pdesign at -10 °C		kW	3.6	4.5	4.6	5.2	8.0
Input power heating		kW	0.83 [0.20 - 1.20]	1.35 [0.20 - 1.83]	1.67 [0.20 - 2.35]	2.00 [0.36 - 2.85]	2.39 [0.56 - 3.35]
Annual energy consumption ³⁾		kWh/a	1029	1341	1342	1549	2732
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	22.0/18.5/15.0
Moisture removal volume		L/h	0.9	1.8	2.0	3.0	4.8
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	35/31/27	40/36/32	47/44/40	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	51/47/43	56/52/48	63/60/56	63/60/56	65/61/57
Dimension	H x W x D	mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	13	13	14	14	14
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5
Power source		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	3.60 - 3.45 - 3.30	5.60 - 5.35 - 5.10	7.40 - 7.10 - 6.80	10.0 - 9.60 - 9.20	14.40 - 13.80 - 13.20
	Heat	A	4.05 - 3.90 - 3.70	6.40 - 6.10 - 5.85	7.75 - 7.40 - 7.10	9.65 - 9.35 - 8.95	11.70 - 11.30 - 10.80
Air flow	Cool / Heat	m³/min	34.1/36.4	42.0/42.0	42.0/42.0	61.0/60.0	118.0/108.0
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48	47/50	48/50	52/52
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67	65/69	65/67	69/69
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340
Net weight		kg	42	42	43	65	98
Pipe diameter	Liquid pipe	Inch (mm)	1/4 [6.35]	1/4 [6.35]	1/4 [6.35] ⁵⁾	3/8 [9.52]	3/8 [9.52]
	Gas pipe	Inch (mm)	1/2 [12.70]	1/2 [12.70]	1/2 [12.70] ⁶⁾	5/8 [15.88]	5/8 [15.88]
Pipe length range		m	3 ~ 40	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30	30	30
Additional gas amount		g/m	15	15	15	45	45
Refrigerant (R32)/ CO ₂ Eq.		kg / T	1.13/0.76	1.13/0.76	1.15/0.78	1.95/1.32	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
- Wired remote control 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 the six directions of right, right rear, right bottom, left, left rear and left bottom, making the installation work easier.



CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3



Optional Econavi
sensor.
CZ-CENSC1

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

			Three phase	
			7.1 kW	10.0 kW
			KIT-71PK3ZH8	KIT-100PK3ZH8
			CZ-RTC5B	CZ-RTC5B
Kit				
Remote controller				
Cooling capacity	Nominal (Min - Max)	kW	7.1 (2.2 - 9.0)	9.5 (3.1 - 10.5)
UK Cooling	[Total - Sensible]	kW		
EER ¹⁾		W/W	3.50	3.26
SEER ²⁾			6.7 A++	6.3 A++
Pdesign		kW	7.1	9.5
Input power cooling		kW	2.03	2.91
Annual energy consumption ³⁾		kWh/a	370	526
Heating capacity	Nominal (Min - Max)	kW	8.0 (2.0 - 9.0)	9.5 (3.1 - 11.5)
UK Heating	[Total - Sensible]	kW		
COP ¹⁾		W/W	4.00	3.97
SCOP ²⁾			4.7 A++	4.1 A+
Pdesign at -10 °C		kW	5.2	8.0
Input power heating		kW	2.00	2.39
Annual energy consumption ³⁾		kWh/a	1549	2732
Indoor unit			S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo	m³/min	20.0 / 17.5 / 14.5	22.0 / 18.5 / 15.0
Moisture removal volume		L/h	3.0	4.8
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	47 / 44 / 40	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	63 / 60 / 56	65 / 61 / 57
Dimension	H x W x D	mm	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	14	14
nanoe X Generator			Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC
Outdoor unit			U-71PZH3E8	U-100PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	3.40 - 3.25 - 3.15	4.85 - 4.60 - 4.40
	Heat	A	3.30 - 3.15 - 3.05	4.00 - 3.80 - 3.60
Air flow	Cool / Heat	m³/min	61.0 / 60.0	118.0 / 108.0
Sound pressure	Cool / Heat (Hi)	dB(A)	48 / 50	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	65 / 67	69 / 69
Dimension	H x W x D	mm	996 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	Inch (mm)	5/8 (15.88)	5/8 (15.88)
Pipe length range		m	5 - 50	5 - 85
Elevation difference (in/out) ⁷⁾		m	15 / 30 ⁸⁾	15 / 30 ⁸⁾
Pipe length for additional gas		m	30	30
Additional gas amount		g/m	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.95 / 1.32	3.05 / 2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories	
PAW-PACR3	Interfaces to run 3 units 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 savings sensor

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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 [06,35-09,52] to the liquid tubing side indoor unit. 6) Connect the gas socket tube [012,70-015,88] to the gas tubing side indoor unit. 7) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. 9) For models 100 ~ 140PZH3E5[8], it is possible to operate the lowest -20 °C in the computer rooms with the piping length of 30 m or less.* Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.



SEER and SCOP: For S-3650PK3E + U-36PZH3E5. 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.

NEW
2021Available
Mar 21

nanoe™X

nanoe™ X as a standard.

NEW PACi NX Series Standard wall-mounted Inverter+
• 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)	9.0 (3.0 - 9.7)
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	4.14	3.52	3.67	3.16	3.47
SEER ²⁾			7.6 A++	7.4 A++	7.0 A++	5.6 A+	6.5 A++
Pdesign		kW	3.6	5.0	6.1	7.1	9.0
Input power cooling		kW	0.87	1.42	1.66	2.25	2.59
Annual energy consumption ³⁾		kWh/a	166	237	3.05	444	485
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)	9.0 (3.0 - 10.5)
UK Heating	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	4.62	4.20	4.39	4.23	3.93
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	9.0
Input power heating		kW	0.78	1.19	1.39	1.68	2.29
Annual energy consumption ³⁾		kWh/a	872	1273	1370	1653	3231
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	22.0/18.5/15.0
Moisture removal volume		L/h	0.9	1.8	2.0	3.0	4.3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	35/31/27	40/36/32	47/44/40	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	51/47/43	56/52/48	63/60/56	63/60/56	65/61/57
Dimension	HxWxD	mm	302x1120x236	302x1120x236	302x1120x236	302x1120x236	302x1120x236
Net weight		kg	13	13	14	14	14
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5
Power source		V	220 - 230 - 240	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	12.9 - 12.4 - 11.9
	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	11.4 - 10.9 - 10.5
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
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/46	47/48	48/49	52/52
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/64	64/65	66/68	70/70
Dimension	HxWxD	mm	619x824x299	619x824x299	695x875x320	695x875x320	996x980x370
Net weight		kg	32	35	42	50	90
Pipe diameter	Liquid pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35) ⁵⁾	1/4 (6.35) ⁵⁾	3/8 (9.52)
	Gas pipe	Inch (mm)	1/2 (12.70)	1/2 (12.70)	1/2 (12.70) ⁶⁾	5/8 (15.88) ⁶⁾	5/8 (15.88)
Pipe length range		m	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	3 ~ 50
Elevation difference (in/out) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/30 ⁸⁾	20/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	7.5	7.5	7.5	10	30
Additional gas amount		g/m	10	15	15	17	45
Refrigerant (R32)/ CO ₂ , Eq.		kg / T	0.87/0.59	1.14/0.77	1.15/0.78	1.32/0.89	2.4/1.62
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-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
- Wired remote control 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 the six directions of right, right rear, right bottom, left, left rear and left bottom, making the installation work easier.



CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3



Optional Econavi
sensor.
CZ-CENSC1

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

Three phase			
10.0 kW			
KIT-100PK3Z8			
CZ-RTC5B			
Kit			
Remote controller			
Cooling capacity	Nominal (Min - Max)	kW	9.0 (3.0 - 9.7)
UK Cooling	[Total - Sensible]	kW	TBC
EER ¹⁾		W/W	3.47
SEER ²⁾			6.5 A++
Pdesign		kW	9.0
Input power cooling		kW	2.59
Annual energy consumption ³⁾		kWh/a	485
Heating capacity	Nominal (Min - Max)	kW	9.0 (3.0 - 10.5)
UK Heating	[Total - Sensible]	kW	TBC
COP ¹⁾		W/W	3.93
SCOP ²⁾			3.9 A
Pdesign at -10 °C		kW	9.0
Input power heating		kW	2.29
Annual energy consumption ³⁾		kWh/a	3231
Indoor unit			
S-6010PK3E			
Air flow	Hi / Med / Lo	m³/min	22.0/18.5/15.0
Moisture removal volume		L/h	4.3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	49/45/41
Sound power	Hi / Med / Lo	dB(A)	65/61/57
Dimension	H x W x D	mm	302 x 1120 x 236
Net weight		kg	14
nanoe X Generator			Mark 2
Recommended Fuse		A	TBC
Outdoor unit			
U-100PZ3E8			
Power source		V	380 - 400 - 415
Current	Cool	A	4.10 - 3.90 - 3.75
	Heat	A	3.15 - 3.00 - 2.90
Air flow	Cool / Heat	m³/min	73.0/73.0
Sound pressure	Cool / Heat (Hi)	dB(A)	52/52
Sound power	Cool / Heat (Hi)	dB(A)	70/70
Dimension	H x W x D	mm	996 x 980 x 370
Net weight		kg	83
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9.52)
	Gas pipe	Inch (mm)	5/8 (15.88)
Pipe length range		m	5 - 50
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾
Pipe length for additional gas		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	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories	
PAW-PACR3	Interfaces to run 3 units 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 savings sensor

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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) When installing the outdoor unit at a higher position than the indoor unit. 6) 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.



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 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

nanoe™ X as a standard.

NEW PACi NX Series Elite 4 way 90x90 cassette Inverter+ • R32

New 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-71PU3ZH5	KIT-100PU3ZH5	KIT-125PU3ZH5	KIT-140PU3ZH5
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)	10.0(3.1 - 12.5)	12.5(3.2 - 14.0)	14.0(3.3 - 16.0)
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	5.45	4.31	4.05	4.06	4.41	3.80	3.41
SEER ²⁾			8.9 A+++	8.6 A+++	8.0 A++	7.7 A++	7.8 A++	7.7	7.2
Pdesign		kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Input power cooling		kW	0.66	1.16	1.48	1.75	2.27	3.29	4.11
Annual energy consumption ³⁾		kWh/a	142	203	263	323	449	—	—
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)
UK Heating		kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	5.41	4.24	4.02	4.30	5.00	4.61	4.30
SCOP ²⁾			5.1 A+++	4.9 A++	4.8 A++	4.8 A++	4.9 A++	4.7	4.6
Pdesign at -10 °C		kW	3.6	4.5	4.7	5.2	8.0	9.5	10.6
Input power heating		kW	0.74	1.32	1.74	1.86	2.24	3.04	3.72
Annual energy consumption ³⁾		kWh/a	988	1286	1371	1517	2286	—	—
Indoor unit			S-36S0PU3E	S-36S0PU3E	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	2.7	4.8	6.0
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
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5	U-125PZH3E5	U-140PZH3E5
Power source		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	8.65 - 8.25 - 7.95	11.20 - 10.70 - 10.30	16.10 - 15.40 - 14.70	20.10 - 19.20 - 18.40
	Heat	A	3.60 - 3.45 - 3.30	6.25 - 6.00 - 5.75	8.05 - 7.70 - 7.40	9.00 - 8.70 - 8.35	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	61.0/60.0	118.0/108.0	125.0/112.0	129.0/116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48	47/50	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67	65/69	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	42	42	43	65	98	98	98
Pipe diameter	Liquid pipe	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 pipe	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	5~50	5~85	5~85	5~85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30	30	30	30	30
Additional gas amount		g/m	15	15	15	45	45	45	45
Refrigerant (R32)/ CO ₂ Eq.		kg / T	1.13/0.76	1.13/0.76	1.15/0.78	1.95/1.32	3.05/2.06	3.05/2.06	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- High performance turbo fan, path system for heat exchanger
- 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 and dry operation
- Lower noise in slow fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control 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

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

CZ-RTC5B



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



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRU3W

			Three phase			
			7.1 kW	10.0 kW	12.5 kW	14.0 kW
Kit			KIT-71PU3ZH8	KIT-100PU3ZH8	KIT-125PU3ZH8	KIT-140PU3ZH8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	7.1 [2.2 - 9.0]	10.0 [3.1 - 12.5]	12.5 [3.2 - 14.0]	14.0 [3.3 - 16.0]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	4.06	4.41	3.80	3.41
SEER ²⁾			7.6 A++	7.7 A++	7.7	7.2
Pdesign		kW	7.1	10.0	12.5	14.0
Input power cooling		kW	1.75	2.27	3.29	4.11
Annual energy consumption ³⁾		kWh/a	327	455	—	—
Heating capacity	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]
UK Heating		kW	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	4.30	5.00	4.61	4.30
SCOP ²⁾			4.8 A++	4.9 A++	4.7	4.6
Pdesign at -10 °C		kW	5.2	8.0	9.5	10.6
Input power heating		kW	1.86	2.24	3.04	3.72
Annual energy consumption ³⁾		kWh/a	1517	2286	—	—
Indoor unit			S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E
Air flow	Hi / Med / Lo	m³/min	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	2.5	2.7	4.8	6.0
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	37/31/28	45/38/32	46/39/33	47/40/34
Sound power	Hi / Med / Lo	dB(A)	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	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
Net weight	Indoor / Panel	kg	20/5	25/5	25/5	25/5
nanoe X Generator			Mark 1	Mark 1	Mark 1	Mark 1
Recommended Fuse		A	TBC	TBC	TBC	TBC
Outdoor unit			U-71PZH3E8	U-100PZH3E8	U-125PZH3E8	U-140PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	2.90 - 2.80 - 2.70	3.80 - 3.60 - 3.45	5.45 - 5.15 - 5.00	6.80 - 6.45 - 6.20
	Heat	A	3.05 - 2.95 - 2.85	3.75 - 3.55 - 3.40	5.10 - 4.80 - 4.65	6.20 - 5.90 - 5.65
Air flow	Cool / Heat	m³/min	61.0/60.0	118.0/108.0	125.0/112.0	129.0/116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8(9.52)	3/8(9.52)	3/8(9.52)	3/8(9.52)
	Gas pipe	Inch (mm)	5/8(15.88)	5/8(15.88)	5/8(15.88)	5/8(15.88)
Pipe length range		m	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30	30
Additional gas amount		g/m	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.95/1.32	3.05/2.06	3.05/2.06	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRU3W	Infrared remote controller

Accessories	
CZ-CAPWFC1	Commercial Wi-Fi Adaptor
CZ-KPU3AW	Econavi exclusive panel
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-FDU3+CZ-ATU2	Fresh air-intake kit

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure of the units shows the value measured at 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) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. 9) For models 100 ~ 140PZH3E5(8), it is possible to operate the lowest -20 °C in the computer rooms with the piping length of 30 m or less. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.



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.



nanoe™ X
nanoe™ X as a standard.

NEW PACi NX Series Standard 4 way 90x90 cassette Inverter+ • R32

New 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-36PU3Z5	KIT-50PU3Z5	KIT-60PU3Z5	KIT-71PU3Z5	KIT-100PU3Z5	KIT-125PU3Z5	KIT-140PU3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3.6(1.5 - 4.0)	5.0(1.5 - 5.6)	6.0(2.0 - 7.1)	7.1(2.6 - 7.7)	10.0(3.0 - 11.5)	12.5(3.2 - 13.5)	14.0(3.3 - 15.0)
UK Cooling	(Total - Sensible)	kW	3.4 - 2.6	4.8 - 3.3	5.9 - 4.1	6.7 - 4.4			
EER ¹⁾	Nominal (Min - Max)	W/W	4.34	3.91	3.73	3.27	3.82(5.36 - 2.88)	3.58(5.33 - 2.81)	3.23(5.32 - 2.73)
SEER ²⁾			8.1 A++	8.0 A++	7.8 A++	6.8 A++	6.8 A++	6.8	6.5
Pdesign		kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0
Input power cooling		kW	0.83	1.28	1.61	2.17	2.62(0.60 - 4.00)	3.49(0.60 - 4.80)	4.34(0.60 - 5.50)
Annual energy consumption ³⁾		kWh/a	156	219	269	365	515	—	—
Heating capacity	Nominal (Min - Max)	kW	3.6(1.5 - 4.6)	5.0(1.5 - 6.4)	6.0(1.8 - 7.0)	7.1(2.1 - 8.1)	10.0(3.0 - 14.0)	12.5(3.3 - 15.0)	14.0(3.4 - 16.0)
UK Heating		kW	3.9	5.6	6.2	6.9			
COP ¹⁾	Nominal (Min - Max)	W/W	5.07	4.63	4.48	4.23	4.93(3.59 - 5.36)	4.43(3.57 - 5.50)	4.18(3.33 - 5.48)
SCOP ²⁾			4.8 A++	4.7 A++	4.9 A++	4.6 A++	4.4 A+	4.0	3.9
Pdesign at -10 °C		kW	2.8	4.0	4.6	5.2	10.0	12.5	14.0
Input power heating	Nominal (Min - Max)	kW	0.71	1.08	1.34	1.68	2.03(0.56 - 3.90)	2.82(0.60 - 4.20)	3.35(0.62 - 4.80)
Annual energy consumption ³⁾		kWh/a	817	1191	1314	1583	3182	—	—
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	2.7	4.8	6.0
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
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5
Power source		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	3.85 - 3.70 - 3.55	5.95 - 5.70 - 5.45	7.45 - 7.15 - 6.85	10.00 - 9.65 - 9.25	12.10 - 11.50 - 11.10	16.30 - 15.60 - 15.00	20.40 - 19.50 - 18.70
	Heat	A	3.35 - 3.20 - 3.05	5.05 - 4.85 - 4.65	6.20 - 5.95 - 5.70	7.80 - 7.45 - 7.15	9.25 - 8.85 - 8.50	13.10 - 12.50 - 12.00	15.60 - 14.90 - 14.30
Air flow	Cool / Heat	m³/min	33.6/34.0	32.7/31.9	42.6/41.5	44.7/45.9	76/70	86/78	89/83
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	H x W x D	mm	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	32	35	42	50	90	94	94
Pipe diameter	Liquid pipe	Inch (mm)	1/4(6.35)	1/4(6.35)	1/4(6.35) ⁵⁾	1/4(6.35) ⁵⁾	3/8(9.52)	3/8(9.52)	3/8(9.52)
	Gas pipe	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 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 50	5 ~ 50
Elevation difference (in/out) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/30 ⁸⁾	20/30 ⁸⁾	30	30	30
Pipe length for additional gas		m	7.5	7.5	7.5	10	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	2.60/1.76	2.98/2.01	2.98/2.01
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

- High performance turbo fan, path system for heat exchanger
- 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 and dry

- operation
- Lower noise in slow fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control 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

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

CZ-RTC5B



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



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRU3W

			Three phase		
			10.0 kW	12.5 kW	14.0 kW
Kit			KIT-100PU3Z8	KIT-125PU3Z8	KIT-140PU3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	10.0 [3.0 - 11.5]	12.5 [3.2 - 13.5]	14.0 [3.3 - 15.0]
UK Cooling	(Total - Sensible)	kW			
EER ¹⁾	Nominal (Min - Max)	W/W	3.82 [5.36 - 2.88]	3.58 [5.33 - 2.81]	3.23 [5.32 - 2.73]
SEER ²⁾			6.7 A++	6.7	6.5
Pdesign		kW	10.0	12.5	14.0
Input power cooling		kW	2.62 [0.60 - 4.00]	3.49 [0.60 - 4.80]	4.34 [0.60 - 5.50]
Annual energy consumption ³⁾		kWh/a	521	—	—
Heating capacity	Nominal (Min - Max)	kW	10.0 [3.0 - 14.0]	12.5 [3.3 - 15.0]	14.0 [3.4 - 16.0]
UK Heating		kW			
COP ¹⁾	Nominal (Min - Max)	W/W	4.93 [3.59 - 5.36]	4.43 [3.57 - 5.50]	4.18 [3.33 - 5.48]
SCOP ²⁾			4.4 A+	4.0	3.9
Pdesign at -10 °C		kW	10.0	12.5	14.0
Input power heating	Nominal (Min - Max)	kW	2.03 [0.56 - 3.90]	2.82 [0.60 - 4.20]	3.35 [0.62 - 4.80]
Annual energy consumption ³⁾		kWh/a	3182	—	—
Indoor unit			S-1014PU3E	S-1014PU3E	S-1014PU3E
Air flow	Hi / Med / Lo	m³/min	36.0/26.0/18.0	37.0/27.0/19.0	38.0/29.0/20.0
Moisture removal volume		L/h	2.7	4.8	6.0
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	45/38/32	46/39/33	47/40/34
Sound power	Hi / Med / Lo	dB(A)	60/53/47	61/54/48	62/55/49
Dimension	Indoor (H x W x D)	mm	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
Net weight	Indoor / Panel	kg	25/5	25/5	25/5
nanoe X Generator			Mark 1	Mark 1	Mark 1
Recommended Fuse		A	TBC	TBC	TBC
Outdoor unit			U-100PZ3E8	U-125PZ3E8	U-140PZ3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	4.10 - 3.90 - 3.75	5.45 - 5.20 - 5.00	6.80 - 6.50 - 6.25
	Heat	A	3.15 - 3.00 - 2.90	4.40 - 4.15 - 4.00	5.25 - 4.95 - 4.80
Air flow	Cool / Heat	m³/min	76/70	86/78	89/83
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	90	94	94
Pipe diameter	Liquid pipe	Inch (mm)	3/8 [9.52]	3/8 [9.52]	3/8 [9.52]
	Gas pipe	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) ⁷⁾		m	30	30	30
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2.60/1.76	2.98/2.01	2.98/2.01
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRU3W	Infrared remote controller

Accessories	
CZ-CAPWFC1	Commercial Wi-Fi Adaptor
CZ-KPU3AW	Econavi exclusive panel
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-FDU3+CZ-ATU2	Fresh air-intake kit

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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) When installing the outdoor unit at a higher position than the 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 nanoe™ X OFF.



SEER: For S-3650PU3E + U-36PZ3E5. SCOP: For S-3650PU3E + U-60PZ3E5A. 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.

NEW PACi NX Series Elite ceiling Inverter+ • R32

NEW
2021Available
Mar 21

Ceiling mounted units provide large and wide air distribution which is good for big rooms.

The height and depth of all capacities are the same for unified appearance in mixed installations.

			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-36PT3ZH5	KIT-50PT3ZH5	KIT-60PT3ZH5	KIT-71PT3ZH5	KIT-100PT3ZH5	KIT-125PT3ZH5	KIT-140PT3ZH5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3.5[1.2 - 4.0]	5.0[1.2 - 5.6]	6.0[1.2 - 7.1]	6.8[2.2 - 9.0]	9.5[3.1 - 12.5]	12.1[3.2 - 14.0]	13.4[3.3 - 16.0]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	4.86	4.03	3.82	3.91	4.15	3.51	3.21
SEER ²⁾			7.7 A++	7.4 A++	7.5 A++	7.3 A++	7.3 A++	7.0	6.7
Pdesign		kW	3.5	5.0	6.0	6.8	9.5	12.1	13.4
Input power cooling		kW	0.720	1.24	1.57	1.74	2.29	3.45	4.17
Annual energy consumption ³⁾		kWh/a	160	237	280	326	456	—	—
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]
UK Heating		kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	5.00	4.03	4.14	3.96	4.09	3.78	3.48
SCOP ²⁾			4.9 A++	4.8 A++	4.8 A++	4.7 A++	4.7 A++	4.6	4.5
Pdesign at -10 °C		kW	3.1	4.0	4.6	4.7	7.8	9.5	10.2
Input power heating		kW	0.80	1.39	1.69	2.02	2.74	3.70	4.60
Annual energy consumption ³⁾		kWh/a	886	1167	1342	1400	2323	—	—
Indoor unit			S-3650PT3E5	S-3650PT3E5	S-6071PT3E5	S-6071PT3E5	S-1014PT3E5	S-1014PT3E5	S-1014PT3E5
Air flow	Hi / Med / Lo	m³/min	14.0/12.0/10.5	15.0/12.5/10.5	20.0/17.0/14.5	21.0/18.0/15.5	30.0/25.0/23.0	34.0/28.0/24.0	35.0/29.0/25.0
Moisture removal volume		L/h	0.8	2.0	2.1	2.7	3.6	5.4	6.4
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	36/32/28	37/33/28	38/34/29	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	54/50/46	55/51/46	56/52/47	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	H x W x D	mm	235 x 960 x 690	235 x 960 x 690	235 x 1275 x 690	235 x 1275 x 690	235 x 1590 x 690	235 x 1590 x 690	235 x 1590 x 690
Net weight		kg	26	26	34	34	40	40	40
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5	U-125PZH3E5	U-140PZH3E5
Power source		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	3.55 - 3.40 - 3.25	5.85 - 5.60 - 5.40	7.35 - 7.05 - 6.75	8.60 - 8.20 - 7.90	11.30-10.80-10.40	16.90-16.10-15.50	20.40-19.50-18.70
	Heat	A	3.90 - 3.75 - 3.60	6.60 - 6.30 - 6.05	7.85 - 7.50 - 7.20	9.75 - 9.45 - 9.05	13.40-19.20-12.40	18.10-17.30-16.60	22.50-21.50-20.60
Air flow	Cool / Heat	m³/min	34.1/36.4	42.0/42.0	42.0/42.0	61.0/60.0	118.0/108.0	125.0/112.0	129.0/116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48	47/50	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67	65/69	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	42	42	43	65	98	98	98
Pipe diameter	Liquid pipe	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 pipe	Inch (mm)	1/2 (12.70)	1/2 (12.70)	1/2 (12.70) ⁴⁾	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	3 - 40	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30	30	30	30	30
Additional gas amount		g/m	15	15	15	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.13/0.76	1.13/0.76	1.15/0.78	1.95/1.32	3.05/2.06	3.05/2.06	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9.5 m
- Fresh air connection available on the unit
- Slim design with 235 m height fits narrow space
- Silent operation
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Twin, Triple and Double-twin split options
- 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

Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9.5 m. This is ideal for wide rooms.

The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.



CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRT3



Optional Econavi
sensor.
CZ-CENSC1

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

			Three phase			
			7.1 kW	10.0 kW	12.5 kW	14.0 kW
Kit			KIT-71PT3ZH8	KIT-100PT3ZH8	KIT-125PT3ZH8	KIT-140PT3ZH8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	6.8 [2.2 - 9.0]	9.5 [3.1 - 12.5]	12.1 [3.2 - 14.0]	13.4 [3.3 - 16.0]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	3.91	4.15	3.51	3.21
SEER ²⁾			7.2 A++	7.2 A++	7.0	6.6
Pdesign		kW	6.8	9.5	12.1	13.4
Input power cooling		kW	1.74	2.29	3.45	4.17
Annual energy consumption ³⁾		kWh/a	331	462	—	—
Heating capacity	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]
UK Heating		kW	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	3.96	4.09	3.78	3.48
SCOP ²⁾			4.7 A++	4.7 A++	4.6	4.5
Pdesign at -10 °C		kW	4.7	7.8	9.5	10.2
Input power heating		kW	2.02	2.74	3.7	4.6
Annual energy consumption ³⁾		kWh/a	1400	2324	—	—
Indoor unit			S-6071PT3E5	S-1014PT3E5	S-1014PT3E5	S-1014PT3E5
Air flow	Hi / Med / Lo	m³/min	21.0/18.0/15.0	30.0/25.0/23.0	34.0/28.0/24.0	35.0/29.0/25.0
Moisture removal volume		L/h	2.7	3.6	5.4	6.4
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	H x W x D	mm	235 x 1275 x 690	235 x 1590 x 690	235 x 1590 x 690	235 x 1590 x 690
Net weight		kg	34	40	40	40
Recommended Fuse		A	TBC	TBC	TBC	TBC
Outdoor unit			U-71PZH3E8	U-100PZH3E8	U-125PZH3E8	U-140PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	2.90 - 2.80 - 2.70	3.80 - 3.65 - 3.45	5.70 - 5.40 - 5.20	5.90 - 6.55 - 6.30
	Heat	A	3.35 - 3.20 - 3.10	4.55 - 4.35 - 4.15	6.20 - 5.85 - 5.65	7.70 - 7.30 - 6.95
Air flow	Cool / Heat	m³/min	61.0/60.0	118.0/108.0	125.0/112.0	129.0/116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	Inch (mm)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)
Pipe length range		m	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30	30
Additional gas amount		g/m	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.95/1.32	3.05/2.06	3.05/2.06	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾	-20 ~ +48 ⁹⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Accessories

CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRT3	Infrared remote controller

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
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 savings sensor

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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 (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) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. 9) For models 100 ~ 140PZH3E5(8), it is possible to operate the lowest -20 °C in the computer rooms with the piping length of 30 m or less. * Recommended fuse for the indoor 3 A.



SEER and SCOP: For S-3650PT3E5 + U-36PZH3E5. 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.

NEW
2021Available
Mar 21

NEW PACi NX Series Standard ceiling Inverter+ • R32

Ceiling mounted units provide large and wide air distribution which is good for big rooms.

The height and depth of all capacities are the same for unified appearance in mixed installations.

			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-36PT3Z5	KIT-50PT3Z5	KIT-60PT3Z5	KIT-71PT3Z5	KIT-100PT3Z5	KIT-125PT3Z5	KIT-140PT3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3.5[1.5 - 4.0]	5.0[1.5 - 5.2]	6.0[2.0 - 7.1]	6.8[2.6 - 7.7]	10.0[3.0 - 11.5]	12.5[3.2 - 13.5]	14.0[3.3 - 15.0]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	4.14	3.03	3.59	3.24	3.64	3.32	2.98
SEER ²⁾			7.2 A++	6.7 A++	7.3 A++	5.9 A+	6.6 A++	6.1	5.8
Pdesign		kW	3.5	5.0	6.0	6.8	10.0	12.5	14.0
Input power cooling		kW	0.85	1.65	1.67	2.10	2.75	3.76	4.70
Annual energy consumption ³⁾		kWh/a	171	262	288	404	531	—	—
Heating capacity	Nominal (Min - Max)	kW	3.5[1.5 - 4.6]	5.0[1.5 - 6.4]	6.0[1.8 - 7.0]	6.8[2.1 - 8.1]	10.0[3.0 - 14.0]	12.5[3.3 - 15.0]	14.0[3.4 - 16.0]
UK Heating		kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	4.61	3.73	4.11	4.20	4.24	3.89	3.70
SCOP ²⁾			4.4 A+	4.1 A+	4.6 A++	4.3 A+	4.2 A+	3.8	3.7
Pdesign at -10 °C		kW	2.8	4.0	4.6	4.7	10.0	12.5	13.6
Input power heating		kW	0.76	1.34	1.46	1.62	2.36	3.21	3.78
Annual energy consumption ³⁾		kWh/a	891	1365	1399	1529	3331	—	—
Indoor unit			S-3650PT3E5	S-3650PT3E5	S-6071PT3E5	S-6071PT3E5	S-1014PT3E5	S-1014PT3E5	S-1014PT3E5
Air flow	Hi / Med / Lo	m³/min	14.0/12.0/10.5	15.0/12.5/10.5	20.0/17.0/14.5	21.0/18.0/15.5	30.0/25.0/23.0	34.0/28.0/24.0	35.0/29.0/25.0
Moisture removal volume		L/h	0.8	2.0	2.1	2.7	4.1	5.7	6.9
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	36/32/28	37/33/28	38/34/29	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	54/50/46	55/51/46	56/52/47	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	H x W x D	mm	235 x 960 x 690	235 x 960 x 690	235 x 1275 x 690	235 x 1275 x 690	235 x 1590 x 690	235 x 1590 x 690	235 x 1590 x 690
Net weight		kg	26	26	34	34	40	40	40
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5
Power source		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	3.90 - 3.75 - 3.60	7.65 - 7.30 - 7.00	7.75 - 7.40 - 7.10	9.75 - 9.30 - 8.95	13.70-13.10-12.60	18.20-17.40-16.70	22.70-21.70-20.80
	Heat	A	3.65 - 3.40 - 3.25	6.30 - 6.00 - 5.75	6.75 - 6.50 - 6.20	7.50 - 7.20 - 6.90	11.80-11.30-10.80	15.50-14.80-14.20	18.30-17.50-16.80
Air flow	Cool / Heat	m³/min	33.6/34.0	32.7/31.9	42.6/41.5	44.7/45.9	73.0/43.0	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	H x W x D	mm	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	32	35	42	50	83	87	87
Pipe diameter	Liquid pipe	Inch (mm)	1/4 [6.35]	1/4 [6.35]	1/4 [6.35] ⁵⁾	1/4 [6.35] ⁵⁾	3/8 [9.52]	3/8 [9.52]	3/8 [9.52]
	Gas pipe	Inch (mm)	1/2 [12.70]	1/2 [12.70]	1/2 [12.70] ⁴⁾	5/8 [15.88]	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) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/30 ⁸⁾	20/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	7.5	7.5	7.5	10	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

- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9.5 m
- Fresh air connection available on the unit
- Slim design with 235 mm height fits narrow space
- Silent operation
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Twin, Triple and Double-twin split options
- 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

Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9.5 m. This is ideal for wide rooms.

The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.



CZ-RTC5B

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



CONEX



Optional controller.
CONEX wired remote controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote controller.
CZ-RWS3 + CZ-RWRT3



Optional Econavi sensor.
CZ-CENSC1

			Three phase		
			10.0 kW	12.5 kW	14.0 kW
Kit			KIT-100PT3Z8	KIT-125PT3Z8	KIT-140PT3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	10.0 (3.0 - 11.5)	12.5 (3.2 - 13.5)	14.0 (3.3 - 15.0)
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC
EER ¹⁾		W/W	3.64	3.32	2.98
SEER ²⁾			6.5 A++	6.1	5.8
Pdesign		kW	10.0	12.5	14.0
Input power cooling		kW	2.75	3.76	4.70
Annual energy consumption ³⁾		kWh/a	537	—	—
Heating capacity	Nominal (Min - Max)	kW	10.0 (3.0 - 14.0)	12.5 (3.3 - 15.0)	14.0 (3.4 - 16.0)
UK Heating		kW	TBC	TBC	TBC
COP ¹⁾		W/W	4.24	3.89	3.70
SCOP ²⁾			4.2 A+	3.8	3.7
Pdesign at -10 °C		kW	10.0	12.5	13.6
Input power heating		kW	2.36	3.21	3.78
Annual energy consumption ³⁾		kWh/a	3331	—	—
Indoor unit			S-1014PT3E5	S-1014PT3E5	S-1014PT3E5
Air flow	Hi / Med / Lo	m³/min	30.0/25.0/23.0	34.0/28.0/24.0	35.0/29.0/25.0
Moisture removal volume		L/h	4.1	5.7	6.9
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235 x 1590 x 690	235 x 1590 x 690	235 x 1590 x 690
Net weight		kg	40	40	40
Recommended Fuse		A	TBC	TBC	TBC
Outdoor unit			U-100PZ3E8	U-125PZ3E8	U-140PZ3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	4.60 - 4.35 - 4.20	6.10 - 5.75 - 5.55	7.60 - 7.20 - 6.95
	Heat	A	3.95 - 3.75 - 3.60	5.20 - 4.95 - 4.75	6.10 - 5.80 - 5.60
Air flow	Cool / Heat	m³/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	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight	Liquid pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	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) ⁷⁾		m	15/30 ⁸⁾	15/30 ⁸⁾	15/30 ⁸⁾
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2.40/1.62	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

Accessories

CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRT3	Infrared remote controller

Accessories

CZ-CAPWFC1	Commercial Wi-Fi Adaptor
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 savings sensor

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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 (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) When installing the outdoor unit at a higher position than the indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. * Recommended fuse for the indoor 3 A.



SEER and SCOP: For S-6071PT3E5 + 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 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.

NEW PACi NX Series Elite adaptive ducted unit Inverter+ • R32

New design duct range PF3.

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



			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-36PFH3Z5	KIT-50PFH3Z5	KIT-60PFH3Z5	KIT-71PFH3Z5	KIT-100PFH3Z5	KIT-125PFH3Z5	KIT-140PFH3Z5
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]	5.7 [1.2 - 6.3]	6.8 [2.2 - 7.8]	9.5 [3.1 - 11.4]	12.1 [3.2 - 13.6]	13.4 [3.3 - 15.3]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	4.24	3.42	3.68	3.74	4.17	3.58	3.38
SEER ²⁾			6.8 A++	6.1 A++	7.1 A++	7.1 A++	7.4 A++	7.1	7.0
Pdesign		kW	3.6	5.0	5.7	6.8	9.5	12.1	13.4
Input power cooling		kW	0.850	1.46	1.55	1.82	2.28	3.38	3.96
Annual energy consumption ³⁾		kWh/a	185	287	281	332	447	—	—
Heating capacity	Nominal (Min - Max)	kW	4.0 [1.2 - 5.0]	5.6 [1.2 - 6.5]	7.0 [1.2 - 8.0]	7.5 [2.0 - 9.0]	10.8 [3.1 - 13.5]	13.5 [3.2 - 15.4]	15.5 [3.3 - 17.4]
UK Heating		kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	4.17	3.61	3.74	4.03	3.97	3.46	3.44
SCOP ²⁾			4.5 A+	4.2 A+	4.4 A+	4.7 A++	4.5 A+	4.3	4.4
Pdesign at -10 °C		kW	3.6	4.0	4.7	4.7	7.8	9.3	9.5
Input power heating		kW	0.96	1.55	1.87	1.86	2.72	3.90	4.51
Annual energy consumption ³⁾		kWh/a	1120	1333	1495	1393	2424	—	—
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	H x W x D	mm	250 x 800 x 730	250 x 800 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	25	25	30	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5	U-100PZH3E5	U-125PZH3E5	U-140PZH3E5
Power source		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	4.20 - 4.00 - 3.85	6.90 - 6.60 - 6.35	7.25 - 6.95 - 6.65	9.00 - 8.60 - 8.25	11.10 - 10.80 - 10.30	16.50 - 15.80 - 15.10	19.60 - 18.70 - 17.90
	Heat	A	4.70 - 4.50 - 4.30	7.35 - 7.00 - 6.75	8.65 - 8.30 - 7.95	9.00 - 8.60 - 8.35	13.30 - 12.70 - 12.20	19.10 - 18.20 - 17.50	22.00 - 21.10 - 20.20
Air flow	Cool / Heat	m³/min	34.1 / 36.4	42.0 / 42.0	42.0 / 42.0	61.0 / 60.0	118.0 / 108.0	125.0 / 112.0	129.0 / 116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	43 / 44	46 / 48	47 / 50	48 / 50	52 / 52	53 / 53	54 / 54
Sound power	Cool / Heat (Hi)	dB(A)	62 / 64	64 / 67	65 / 69	65 / 67	69 / 69	70 / 70	71 / 71
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	42	42	43	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35) ⁴⁾	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	Inch (mm)	1/2 (12.70)	1/2 (12.70)	1/2 (12.70) ⁷⁾	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 - 50	5 - 85	5 - 85	5 - 85
Elevation difference (in/out) ⁸⁾		m	15 / 30 ⁸⁾	15 / 30 ⁸⁾	15 / 30 ⁹⁾	15 / 30 ⁹⁾	15 / 30 ⁹⁾	15 / 30 ⁹⁾	15 / 30 ⁹⁾
Pipe length for additional gas		m	30	30	30	30	30	30	30
Additional gas amount		g/m	15	15	15	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.13 / 0.76	1.13 / 0.76	1.15 / 0.78	1.95 / 1.32	3.05 / 2.06	3.05 / 2.06	3.05 / 2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +48	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +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-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.

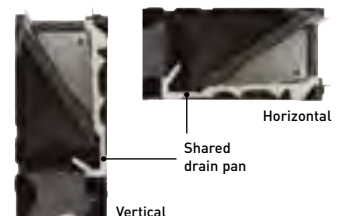
2 installation possibilities (horizontal / vertical)

Vertical installation is newly 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 alternate anymore.





CZ-RTC5B



CONEX



Optional controller.
CONEX wired remote
controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote
controller.
CZ-RWS3 +
CZ-RWRC3



Optional Econavi
sensor.
CZ-CENSC1

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

			Three phase			
			7.1 kW	10.0 kW	12.5 kW	14.0 kW
Kit			KIT-71PFH3Z8	KIT-100PFH3Z8	KIT-125PFH3Z8	KIT-140PFH3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	6.8 [2.2 - 7.8]	9.5 [3.1 - 11.4]	12.1 [3.2 - 13.6]	13.4 [3.3 - 15.3]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC	TBC
EER ¹⁾		W/W	3.74	4.17	3.58	3.38
SEER ²⁾			7.0 A++	7.3 A++	7.1	7.0
Pdesign		kW	6.8	9.5	12.1	13.4
Input power cooling		kW	1.82	2.28	3.38	3.96
Annual energy consumption ³⁾		kWh/a	338	451	—	—
Heating capacity	Nominal (Min - Max)	kW	7.5 [2.0 - 9.0]	10.8 [3.1 - 13.5]	13.5 [3.2 - 15.4]	15.5 [3.3 - 17.4]
UK Heating		kW	TBC	TBC	TBC	TBC
COP ¹⁾		W/W	4.03	3.97	3.46	3.44
SCOP ²⁾			4.7 A++	4.5 A+	4.3	4.3
Pdesign at -10 °C		kW	4.7	7.8	9.3	9.5
Input power heating		kW	1.86	2.72	3.9	4.51
Annual energy consumption ³⁾		kWh/a	1394	2424	—	—
Indoor unit			S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	30 (10 - 150)	40 (10 - 150)	50 (10 - 150)	50 (10 - 150)
Air flow	Hi / Med / Lo	m³/min	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	2.7	3.2	4.1	4.9
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	30/26/23	33/29/25	35/31/27	39/35/29
Sound power	Hi / Med / Lo	dB(A)	53/49/46	56/52/48	58/54/50	62/58/52
Dimension	H x W x D	mm	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC	TBC
Outdoor unit			U-71PZH3E8	U-100PZH3E8	U-125PZH3E8	U-140PZH3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	3.00 - 2.90 - 2.80	3.80 - 3.60 - 3.50	5.60 - 5.30 - 5.15	6.60 - 6.30 - 6.05
	Heat	A	3.05 - 2.95 - 2.85	4.50 - 4.30 - 4.15	6.45 - 6.10 - 5.90	7.55 - 7.15 - 6.90
Air flow	Cool / Heat	m³/min	61.0/60.0	118.0/108.0	125.0/112.0	129.0/116.0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	70/70	71/71
Dimension	H x W x D	mm	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
Net weight		kg	65	98	98	98
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	Inch (mm)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)
Pipe length range		m	5 ~ 50	5 ~ 85	5 ~ 85	5 ~ 85
Elevation difference (in/out) ⁸⁾		m	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾	15/30 ⁹⁾
Pipe length for additional gas		m	30	30	30	30
Additional gas amount		g/m	45	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	1.95/1.32	3.05/2.06	3.05/2.06	3.05/2.06
Operating range	Cool Min ~ Max	°C	-15 ~ +48	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾	-20 ~ +48 ¹⁰⁾
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Accessories

CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories

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 savings 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

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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) When installing the outdoor unit at a higher position than the indoor unit. 9) Outdoor unit located lower / outdoor unit located higher. 10) For models 100 ~ 140PZH3E5(8), it is possible to operate the lowest -20 °C in the computer rooms with the piping length of 30 m or less. * 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.



SEER and SCOP: For S-6071PF3E + U-71PZH3E5, SUPER QUIET: For S-3650PF3E + U-36PZH3E5, 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.

NEW PACi NX Series Standard adaptive ducted unit Inverter+ • R32

New design duct range PF3.

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



			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-36PF3Z5	KIT-50PF3Z5	KIT-60PF3Z5	KIT-71PF3Z5	KIT-100PF3Z5	KIT-125PF3Z5	KIT-140PF3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
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)	10.0(3.0 - 11.5)	12.5(3.2 - 13.5)	14.0(3.3 - 15.0)
UK Cooling	(Total - Sensible)	kW	3.2 - 2.3	4.8 - 3.1	5.6 - 3.7	6.5 - 4.2	TBC	TBC	TBC
EER ¹⁾	Nominal (Min - Max)	W/W	3.78	2.78	3.54	3.18	3.66(5.36 - 2.81)	3.52(5.33 - 2.80)	3.18(5.32 - 2.70)
SEER ²⁾			6.0 A+	6.5 A++	6.4 A++	6.0 A+	5.6 A+	5.6	5.4
Pdesign		kW	3.4	5.0	5.7	6.8	10.0	12.5	14.0
Input power cooling	Nominal (Min - Max)	kW	0.9	1.8	1.61	2.14	2.73(0.56 - 4.09)	3.55(0.60 - 4.82)	4.40(0.62 - 5.56)
Annual energy consumption ³⁾		kWh/a	198	267	310	391	625	787	911
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)	10.0(3.0 - 14.0)	12.5(3.3 - 15.0)	14.0(3.4 - 16.0)
UK Heating		kW	TBC	TBC	TBC	TBC	TBC	TBC	TBC
COP ¹⁾	Nominal (Min - Max)	W/W	4.15	3.62	4.04	4.00	4.31(5.36 - 3.51)	4.02(5.50 - 3.45)	3.79(5.48 - 3.13)
SCOP ²⁾			4.0 A+	4.0 A+	4.4 A+	4.1 A+	3.8 A	3.6	3.5
Pdesign at -10 °C		kW	2.4	3.8	4.4	4.7	10.0	12.5	13.6
Input power heating	Nominal (Min - Max)	kW	0.82	1.38	1.41	1.7	2.32(0.56 - 3.99)	3.11(0.60 - 4.35)	3.69(0.62 - 5.12)
Annual energy consumption ³⁾		kWh/a	839	1303	1376	1591	3684	4848	5379
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	H x W x D	mm	250 x 800 x 730	250 x 800 x 730	250 x 1000 x 730	250 x 1000 x 730	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	25	25	30	30	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5
Power source		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	12.10-11.50-11.10	16.30-15.60-15.00	20.40-19.50-18.70
	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	9.25-8.85-8.50	13.10-12.50-12.00	15.60-14.90-14.30
Air flow	Cool / Heat	m³/min	33.6/34.0	32.7/31.9	42.6/41.5	44.7/45.9	76/70	86/78	89/83
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	H x W x D	mm	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	32	35	42	50	90	94	94
Pipe diameter	Liquid pipe	Inch (mm)	1/4(Ø6.35)	1/4(Ø6.35)	1/4(Ø6.35) ⁴⁾	1/4(Ø6.35) ⁴⁾	3/8(9.52)	3/8(9.52)	3/8(9.52)
	Gas pipe	Inch (mm)	1/2(Ø12.7)	1/2(Ø12.7)	1/2(Ø12.7) ⁷⁾	5/8(Ø15.88)	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 ⁹⁾	15/15 ⁹⁾	15/30 ⁹⁾	20/30 ⁹⁾	30	30	30
Pipe length for additional gas		m	7.5	7.5	7.5	10	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	2.60/1.76	2.98/2.01	2.98/2.01
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-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)

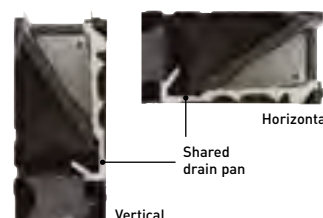
Vertical installation is newly available.
ESP 150Pa, sufficient for remotely installing units away from the rooms.



Improved drain pan design

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

No need to alternate anymore.





CZ-RTC5B

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



CONEX

Optional controller.
CONEX wired remote controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW

Optional controller.
Infrared remote controller.
CZ-RWS3 + CZ-RWRC3

Optional 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	10.0 [3.0 - 11.5]	12.5 [3.2 - 13.5]	14.0 [3.3 - 15.0]
UK Cooling	(Total - Sensible)	kW	TBC	TBC	TBC
EER ¹⁾	Nominal (Min - Max)	W/W	3.66 [5.36 - 2.81]	3.52 [5.33 - 2.80]	3.18 [5.32 - 2.70]
SEER ²⁾			5.6 A+	5.5	5.4
Pdesign		kW	10.0	12.5	14.0
Input power cooling	Nominal (Min - Max)	kW	2.73 [0.56 - 4.09]	3.55 [0.60 - 4.82]	4.40 [0.62 - 5.56]
Annual energy consumption ³⁾		kWh/a	625	790	912
Heating capacity	Nominal (Min - Max)	kW	10.0 [3.0 - 14.0]	12.5 [3.3 - 15.0]	14.0 [3.4 - 16.0]
UK Heating		kW	TBC	TBC	TBC
COP ¹⁾	Nominal (Min - Max)	W/W	4.31 [5.36 - 3.51]	4.02 [5.50 - 3.45]	3.79 [5.48 - 3.13]
SCOP ²⁾			3.8 A	3.60	3.5
Pdesign at -10 °C		kW	10.0	12.5	13.6
Input power heating	Nominal (Min - Max)	kW	2.32 [0.56 - 3.99]	3.11 [0.60 - 4.35]	3.69 [0.62 - 5.12]
Annual energy consumption ³⁾		kWh/a	3684	4848	5379
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	m³/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	250 x 1400 x 730	250 x 1400 x 730	250 x 1400 x 730
Net weight		kg	39	39	39
nanoe X Generator			Mark 2	Mark 2	Mark 2
Recommended Fuse		A	TBC	TBC	TBC
Outdoor unit			U-100PZ3E8	U-125PZ3E8	U-140PZ3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	4.10 - 3.90 - 3.75	5.45 - 5.20 - 5.00	6.80 - 6.50 - 6.25
	Heat	A	3.15 - 3.00 - 2.90	4.40 - 4.15 - 4.00	5.25 - 4.95 - 4.80
Air flow	Cool / Heat	m³/min	76/70	86/78	89/83
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	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight		kg	90	94	94
Pipe diameter	Liquid pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Gas pipe	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	30	30	30
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2.60/1.76	2.98/2.01	2.98/2.01
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories	
CZ-RTC6	CONEX wired remote controller (non-wireless)
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®
CZ-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
CZ-CAPWFC1	Commercial Wi-Fi Adaptor

Accessories	
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 savings 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

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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) When installing the outdoor unit at a higher position than the indoor unit. 9) 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.



SEER: For S-3650PF3E + U-50PZ3E5. SCOP: For S-6071PF3E + U-60PZ3E5A. 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. [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.