

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-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 <sup>1)</sup>		W/W	4.14	3.03	3.59	3.24	3.64	3.32	2.98
SEER <sup>2)</sup>			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 <sup>3)</sup>		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 <sup>1)</sup>		W/W	4.61	3.73	4.11	4.20	4.24	3.89	3.70
SCOP <sup>2)</sup>			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 <sup>3)</sup>		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	m <sup>3</sup> /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 <sup>4)</sup>	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	HxWxD	mm	235x960x690	235x960x690	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690
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	m <sup>3</sup> /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	HxWxD	mm	619x824x299	619x824x299	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370
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) <sup>5)</sup>	1/4(6.35) <sup>5)</sup>	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) <sup>4)</sup>	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) <sup>7)</sup>		m	15/15 <sup>8)</sup>	15/15 <sup>8)</sup>	15/30 <sup>8)</sup>	20/30 <sup>8)</sup>	15/30 <sup>8)</sup>	15/30 <sup>8)</sup>	15/30 <sup>8)</sup>
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 <sub>2</sub> 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



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		
			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 <sup>1)</sup>		W/W	3.64	3.32	2.98
SEER <sup>2)</sup>			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 <sup>3)</sup>		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 <sup>1)</sup>		W/W	4.24	3.89	3.70
SCOP <sup>2)</sup>			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 <sup>3)</sup>		kWh/a	3331	—	—
Indoor unit			S-1014PT3E5	S-1014PT3E5	S-1014PT3E5
Air flow	Hi / Med / Lo	m <sup>3</sup> /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 <sup>4)</sup>	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	m <sup>3</sup> /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		kg	83	87	87
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) <sup>7)</sup>		m	15/30 <sup>8)</sup>	15/30 <sup>8)</sup>	15/30 <sup>8)</sup>
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO <sub>2</sub> 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

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

#### Accessories

<b>CZ-CAPWFC1</b>	Commercial Wi-Fi Adaptor
<b>PAW-WTRAY</b>	Tray for condenser water compatible with outdoor elevation platform
<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400 x 900 x 400 mm
<b>CZ-CENSC1</b>	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](http://www.aircon.panasonic.eu) or [www.ptc.panasonic.eu](http://www.ptc.panasonic.eu).