

## PACi Standard Ceiling Inverter+ • R32 GAS

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				
			6,00kW	7,10kW	10,00kW	12,50kW	14,00kW
<b>KIT</b>			<b>KIT-60PT2Z5</b>	<b>KIT-71PT2Z5</b>	<b>KIT-100PT2Z5</b>	<b>KIT-125PT2Z5</b>	<b>KIT-140PT2Z5</b>
<b>Remote controller</b>			<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>
Cooling capacity	Nominal (Min - Max)	kW	6,00(2,00 ~ 7,10)	7,10(2,00 ~ 7,70)	10,00(3,00 - 11,50)	12,50(3,20 - 13,50)	14,00(3,30 - 15,00)
EER <sup>1)</sup>	Nominal (Min - Max)	W/W	4,00	3,55	3,64(5,36 - 2,80)	3,32(5,33 - 2,77)	2,98(5,32 - 2,73)
<b>SEER<sup>2)</sup></b>			<b>6,80A++</b>	<b>6,50A++</b>	<b>6,50A++</b>	<b>5,77</b>	<b>5,49</b>
Pdesign		kW	6,00	7,10	10,00	12,50	14,00
Input power cooling	Nominal (Min - Max)	kW	1,50	2,00	2,75(0,56 - 4,10)	3,76(0,60 - 4,88)	4,70(0,62 - 5,50)
Annual energy consumption <sup>3)</sup>		kWh/a	309	382	535	1300	1530
Heating capacity	Nominal (Min - Max)	kW	6,00(1,80 ~ 7,00)	7,10(1,80 ~ 8,10)	10,00(3,00 - 14,00)	12,50(3,30 - 15,00)	14,00(3,40 - 16,00)
COP <sup>1)</sup>	Nominal (Min - Max)	W/W	4,80	4,41	4,24(5,36 - 3,50)	3,89(4,52 - 3,41)	3,70(5,48 - 3,08)
<b>SCOP<sup>2)</sup></b>			<b>4,60A++</b>	<b>4,30A+</b>	<b>4,20A+</b>	<b>3,75</b>	<b>3,70</b>
Pdesign at -10°C		kW	6,00	6,00	10,00	12,50	13,60
Input power heating	Nominal (Min - Max)	kW	1,25	1,62	2,36(0,56 - 4,00)	3,21(0,73 - 4,40)	3,78(0,62 - 5,20)
Annual energy consumption <sup>3)</sup>		kWh/a	1826	1953	3324	4669	5153
<b>Indoor unit</b>			<b>S-60PT2E5B</b>	<b>S-71PT2E5B</b>	<b>S-100PT2E5B</b>	<b>S-125PT2E5B</b>	<b>S-140PT2E5B</b>
Air volume	Hi / Med / Lo	m <sup>3</sup> /min	20,0/17,0/14,5	21,0/18,0/15,5	30/25/23	34/28/24	35/29/25
Moisture removal volume		L/h	3,4	4,2	6,0	7,9	9,0
Sound pressure <sup>4)</sup>	Hi / Med / Lo	dB(A)	38/34/30	39/35/31	42/37/35	46/40/36	47/41/37
Sound power	Hi / Med / Lo	dB	56/52/48	57/53/49	60/55/53	64/58/54	65/59/55
Dimension	HxWxD	mm	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690
Net weight		kg	33	33	40	40	40
<b>Outdoor unit</b>			<b>U-60PZ2E5</b>	<b>U-71PZ2E5</b>	<b>U-100PZ2E5</b>	<b>U-125PZ2E5</b>	<b>U-140PZ2E5</b>
Power source		V	220/230/240	220/230/240	220/230/240	220/230/240	220/230/240
Current	Cool (Hi / Med / Lo)	A	7,30/7,00/6,70	9,70/9,30/8,90	12,80/12,20/11,70	17,60/16,90/16,20	22,10/21,20/20,30
	Heat (Hi / Med / Lo)	A	6,05/5,80/5,55	7,85/7,50/7,20	10,90/10,40/10,00	15,00/14,30/13,70	17,70/16,90/16,20
Air volume	Cool / Heat	m <sup>3</sup> /min	40/45	50/45	76/70	86/78	89/83
Sound pressure	Cool / Heat (Hi)	dB(A)	46/48	49/49	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB	65/68	69/69	70/70	73/73	74/74
Dimension	HxWxD	mm	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370
Net weight		kg	44	44	90	94	94
Piping connections	Liquid pipe	Inch (mm)	3/8(9,52)	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)	5/8(15,88)
Pipe length range		m	3 ~ 40	3 ~ 40	5 ~ 50	5 ~ 50	5 ~ 50
Elevation difference (in/out) <sup>5)</sup>		m	30	30	30	30	30
Pipe length for additional gas		m	30	30	30	30	30
Additional gas amount		g/m	35	35	45	45	45
Refrigerant (R32) / CO <sub>2</sub> Eq.		kg / T	1,45/0,979	1,45/0,979	2,60/1,755	2,98/2,0115	2,98/2,0115
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

### Accessories

<b>CZ-RTC5B</b>	Wired remote controller with Econavi function and datanavi
<b>CZ-RWS3 + CZ-RWRT3</b>	Infrared remote controller
<b>CZ-RE2C2</b>	Simplified remote controller
<b>PAW-WTRAY</b>	Tray for condenser water compatible with base ground support

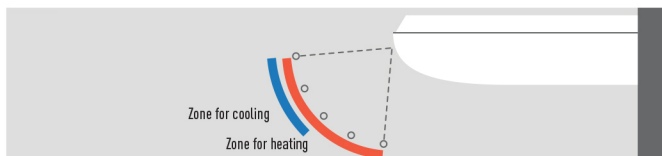
### Accessories

<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400x900x400mm
<b>CZ-CAPWFC1</b>	<b>NEW</b> Commercial WLAN Adaptor

## Technical focus

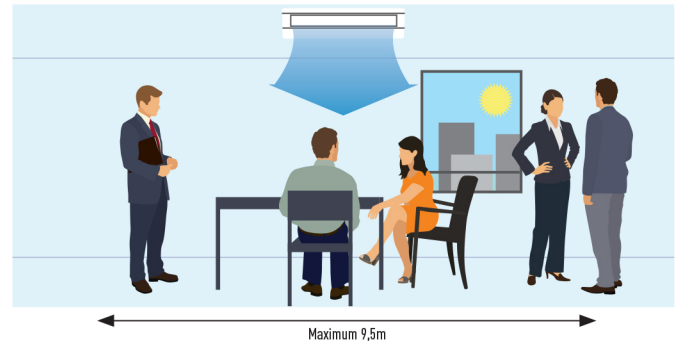
- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9,5m
- Fresh air connection available on the unit
- Slim design with 235mm height fits narrow space
- Silent operation
- Datanavi simple support tool App with remote controller (CZ-RTC5B)
- Twin, Triple and Double-twin split 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

## Air distribution is altered depending on the operational mode



## Further comfort improvement with airflow distribution

Horizontal air flow reaches maximum 9,5m. 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.



KIT	Three Phase			
	10,00kW	12,50kW	14,00kW	
<b>Remote controller</b>	<b>KIT-100PT2Z8</b>	<b>KIT-125PT2Z8</b>	<b>KIT-140PT2Z8</b>	
	<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>	<b>CZ-RTC5B</b>	
Cooling capacity	Nominal [Min - Max] kW	10,00 [3,00 - 11,50]	12,50 [3,20 - 13,50]	14,00 [3,30 - 15,00]
EER <sup>1)</sup>	Nominal [Min - Max] W/W	3,64 [5,36 - 2,80]	3,32 [5,33 - 2,77]	2,98 [5,32 - 2,73]
<b>SEER<sup>2)</sup></b>	<b>6,50 A++</b>	<b>5,75</b>	<b>5,48</b>	
Pdesign	kW	10,00	12,50	14,00
Input power cooling	Nominal [Min - Max] kW	2,75 [0,56 - 4,10]	3,76 [0,60 - 4,88]	4,70 [0,62 - 5,50]
Annual energy consumption <sup>3)</sup>	kWh/a	538	1304	1534
Heating capacity	Nominal [Min - Max] kW	10,00 [3,00 - 14,00]	12,50 [3,30 - 15,00]	14,00 [3,40 - 16,00]
COP <sup>1)</sup>	Nominal [Min - Max] W/W	4,24 [5,36 - 3,50]	3,89 [4,52 - 3,41]	3,70 [5,48 - 3,08]
<b>SCOP<sup>2)</sup></b>	<b>4,20 A+</b>	<b>3,75</b>	<b>3,70</b>	
Pdesign at -10°C	kW	10,00	12,50	13,60
Input power heating	Nominal [Min - Max] kW	2,36 [0,56 - 4,00]	3,21 [0,73 - 4,40]	3,78 [0,62 - 5,20]
Annual energy consumption <sup>3)</sup>	kWh/a	3324	4669	5153
<b>Indoor unit</b>	<b>S-100PT2E5B</b>	<b>S-125PT2E5B</b>	<b>S-140PT2E5B</b>	
Air volume	Hi / Med / Lo m <sup>3</sup> /min	30/25/23	34/28/24	35/29/25
Moisture removal volume	L/h	6,0	7,9	9,0
Sound pressure <sup>4)</sup>	Hi / Med / Lo dB(A)	42/37/35	46/40/36	47/41/37
Sound power	Hi / Med / Lo dB	60/55/53	64/58/54	65/59/55
Dimension	HxWxD mm	235x1590x690	235x1590x690	235x1590x690
Net weight	kg	40	40	40
<b>Outdoor unit</b>	<b>U-100PZ2E8</b>	<b>U-125PZ2E8</b>	<b>U-140PZ2E8</b>	
Power source	V	380/400/415	380/400/415	380/400/415
Current	Cool (Hi / Med / Lo) A	4,37/4,15/4,00	5,90/5,60/5,40	7,40/7,05/6,80
	Heat (Hi / Med / Lo) A	3,72/3,55/3,40	5,00/4,75/4,60	5,90/5,60/5,40
Air volume	Cool / Heat m <sup>3</sup> /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	70/70	73/73	74/74
Dimension	HxWxD mm	996x980x370	996x980x370	996x980x370
Net weight	kg	90	94	94
Piping connections	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>5)</sup>	m	30	30	30
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	2,60/1,755	2,98/2,0115	2,98/2,0115
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 12kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12kW, 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 1m in front of the main body and 1m 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. \* Recommended fuse for the indoor 3A.



SEER and SCOP: For KIT-60PT2Z5. INTERNET CONTROL: Optional.

Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.