

PACi Standard High Static Pressure Hide Away Inverter+ • R32 GAS

The ducted systems are the ideal solution for flexible, concealed air conditioning and the optional 200mm spigots ensure simple, hassle-free connection to spiral ductwork.



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



CZ-RE2C2
Optional Controller.
Simplified remote controller.



CZ-CENSC1
Optional Econavi Sensor.

			Single Phase				
			6,00kW	7,10kW	10,00kW	12,50kW	14,00kW
KIT			KIT-60PF1Z5	KIT-71PF1Z5	KIT-100PF1Z5	KIT-125PF1Z5	KIT-140PF1Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
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 ¹⁾	Nominal (Min - Max)	W/W	3,51	3,23	3,66(5,36 ~ 2,81)	3,52(5,33 ~ 2,80)	3,18(5,32 ~ 2,70)
SEER²⁾			6,10 A++	6,10 A++	5,60 A+	5,56	5,38
Pdesign		kW	6,00	7,10	10,00	12,50	14,00
Input power cooling	Nominal (Min - Max)	kW	1,71	2,20	2,73(0,56 ~ 4,09)	3,55(0,60 ~ 4,82)	4,40(0,62 ~ 5,56)
Annual energy consumption ³⁾		kWh/a	344	407	625	787	911
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 ¹⁾	Nominal (Min - Max)	W/W	4,55	4,13	4,31(5,36 ~ 3,51)	4,02(5,50 ~ 3,45)	3,79(5,48 ~ 3,13)
SCOP²⁾			4,20 A+	4,30 A+	3,80 A	3,61	3,54
Pdesign at -10°C		kW	6,00	6,00	10,00	12,50	13,60
Input power heating	Nominal (Min - Max)	kW	1,32	1,72	2,32(0,56 ~ 3,99)	3,11(0,60 ~ 4,35)	3,69(0,62 ~ 5,12)
Annual energy consumption ³⁾		kWh/a	2000	1953	3684	4848	5379
Indoor unit			S-60PF1E5B	S-71PF1E5B	S-100PF1E5B	S-125PF1E5B	S-140PF1E5B
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	70(10 - 150)	70(10 - 150)	100(10 - 150)	100(10 - 150)	100(10 - 150)
Air volume	Hi / Med / Lo	m ³ /min	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	3,4	4,2	6,0	7,9	9,0
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	35/32/26	35/32/26	38/34/31	39/35/32	40/36/33
Sound power	Hi / Med / Lo	dB	57/54/48	57/54/48	60/56/53	61/57/54	62/58/55
Dimension	HxWxD	mm	290x1000x700	290x1000x700	290x1400x700	290x1400x700	290x1400x700
Net weight		kg	33	33	45	45	45
Outdoor unit			U-60PZ2E5	U-71PZ2E5	U-100PZ2E5	U-125PZ2E5	U-140PZ2E5
Power source		V	220/230/240	220/230/240	220/230/240	220/230/240	220/230/240
Current	Cool (Hi / Med / Lo)	A	8,05/7,70/7,35	10,40/9,95/9,50	12,10/11,60/11,10	16,10/15,50/14,80	20,20/19,30/18,60
	Heat (Hi / Med / Lo)	A	6,05/5,80/5,55	8,10/7,75/7,40	10,10/9,70/9,30	14,00/13,40/12,90	16,80/16,00/15,30
Air volume	Cool / Heat	m ³ /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) ⁶⁾		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 ₂ 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

CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRC3	Infrared remote controller
CZ-RE2C2	Simplified remote controller
PAW-WTRAY	Tray for condenser water compatible with base ground support
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption

Accessories

PAW-GRDSTD40	Outdoor elevation platform 400x900x400mm
CZ-90DAF2	Air Outlet Plenum S . .PF1E5B 60 & 71
CZ-160DAF2	Air Outlet Plenum S . .PF1E5B 100, 125 & 140
CZ-DUMPA90MF2	Air Inlet Plenum S . .PF1E5B 60 & 71
CZ-DUMPA160MF2	Air Inlet Plenum S . .PF1E5B 100, 125 & 140
CZ-CAPWFC1	NEW Commercial WLAN Adaptor

Technical focus

- High ESP (external static pressure) up to 150 Pa
- Automatic learning function for the required static pressure on site during commissioning (a standard wired remote controller is required)
- DC FAN for better efficiency and control
- Built in drain pump
- Datanavi simple support tool App with remote controller (CZ-RTC5B)
- 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

The static pressure outside the unit can be increased up to 150 Pa

Type		60	71	100	125	140
Standard	Pa	70	70	100	100	100
Maximum available setting	Pa	150	150	150	150	150

More powerful drain pump

Using a high-lift drain pump, drain piping can be elevated up to 785mm from the base of the unit.

Plenums

Air Outlet Plenum (without regulation adaptor)		
	Diameters	Model
60 & 71	3xØ 200	CZ-90DAF2
100, 125 & 140	4xØ 200	CZ-160DAF2

Air Inlet Plenum		
	Diameters	Model
60 & 71	3xØ 200	CZ-DUMPA90MF2
100, 125 & 140	4xØ 200	CZ-DUMPA160MF2

Standardized height of 290mm for all models. Height standardization enables easy and uniform installation for models with different capacities.



			Three Phase		
			10,00kW	12,50kW	14,00kW
KIT			KIT-100PF1Z8	KIT-125PF1Z8	KIT-140PF1Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
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 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⁾			5,60A+	5,54	5,37
Pdesign		kW	10,00	12,50	14,00
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	10,00(3,00 - 14,00)	12,50(3,30 - 15,00)	14,00(3,40 - 16,00)
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⁾			3,80A	3,61	3,54
Pdesign at -10°C		kW	10,00	12,50	13,60
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-100PF1E5B	S-125PF1E5B	S-140PF1E5B
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	100(10 - 150)	100(10 - 150)	100(10 - 150)
Air volume	Hi / Med / Lo	m ³ /min	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Moisture removal volume		L/h	6,0	7,9	9,0
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	38/34/31	39/35/32	40/36/33
Sound power	Hi / Med / Lo	dB	60/56/53	61/57/54	62/58/55
Dimension	HxWxD	mm	290x1400x700	290x1400x700	290x1400x700
Net weight		kg	45	45	45
Outdoor unit			U-100PZ2E8	U-125PZ2E8	U-140PZ2E8
Power source		V	380/400/415	380/400/415	380/400/415
Current	Cool (Hi / Med / Lo)	A	4,15/3,95/3,80	5,40/5,10/4,95	6,75/6,40/6,15
	Heat (Hi / Med / Lo)	A	3,45/3,30/3,20	4,70/4,45/4,30	5,60/5,30/5,15
Air volume	Cool / Heat	m ³ /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) ⁶⁾		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	2,60/1,755	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) Medium External static pressure setting from factory. 5) The sound pressure of the units shows the value measured of the position 1,5 below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) When installing the outdoor unit at a higher position than the indoor unit. * Recommended fuse for the indoor 3A.



SEER and SCOP: For KIT-71PF1Z5. INTERNET CONTROL: Optional.

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