

PACi Elite 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							
			3,60kW	5,00kW	6,00kW	7,10kW	10,00kW	12,50kW	14,00kW	
KIT			KIT-36PF1ZH5	KIT-50PF1ZH5	KIT-60PF1ZH5	KIT-71PF1ZH5	KIT-100PF1ZH5	KIT-125PF1ZH5	KIT-140PF1ZH5	
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	
Cooling capacity	Nominal (Min - Max)	kW	3,60(1,50 - 4,00)	5,00(1,50 - 5,60)	6,00(2,00 - 7,10)	7,10(2,20 - 9,00)	10,00(3,10-12,50)	12,50(3,20-14,00)	14,00(3,30-16,00)	
EER ¹⁾		W/W	4,74	4,03	3,68	3,84	4,13	3,52	3,26	
SEER ²⁾			6,10A++	5,90A+	6,40A++	6,50A++	6,20A++	5,88	5,73	
Pdesign		kW	3,60	5,00	6,00	7,10	10,00	12,50	14,00	
Input power cooling		kW	0,76	1,24	1,63	1,85	2,42	3,55	4,30	
Annual energy consumption ³⁾		kWh/a	207	297	328	382	564	—	—	
Heating capacity	Nominal (Min - Max)	kW	4,00(1,50 - 5,00)	5,60(1,50 - 6,50)	7,00(1,80 - 8,00)	8,00(2,00 - 9,00)	11,20(3,10-14,00)	14,00(3,20-16,00)	16,00(3,30-18,00)	
COP ¹⁾		W/W	4,76	4,18	4,14	4,00	4,31	4,02	3,65	
SCOP ²⁾			4,30A+	4,20A+	4,30A+	4,60A++	4,40A+	4,26	4,18	
Pdesign at -10°C		kW	3,60	4,00	6,00	6,00	8,00	9,50	10,60	
Input power heating		kW	0,84	1,34	1,69	2,00	2,60	3,48	4,38	
Annual energy consumption ³⁾		kWh/a	1172	1500	1953	1582	2545	—	—	
Indoor unit			S-36PF1E5B	S-50PF1E5B	S-60PF1E5B	S-71PF1E5B	S-100PF1E5B	S-125PF1E5B	S-140PF1E5B	
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	70(10 - 150)	70(10 - 150)	70(10 - 150)	70(10 - 150)	100(10 - 150)	100(10 - 150)	100(10 - 150)	
Air volume	Hi / Med / Lo	m ³ /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	
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	33/29/25	34/30/26	35/32/26	35/32/26	38/34/31	39/35/32	40/36/33	
Dimension	HxWxD	mm	290x800x700	290x800x700	290x1000x700	290x1000x700	290x1400x700	290x1400x700	290x1400x700	
Net weight		kg	28	28	33	33	45	45	45	
Outdoor unit			U-36PZH2E5	U-50PZH2E5	U-60PZH2E5	U-71PZH2E5	U-100PZH2E5	U-125PZH2E5	U-140PZH2E5	
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 (Hi / Med / Lo)	A	3,45/3,30/3,15	5,50/5,25/5,05	7,65/7,30/7,00	8,35/8,00/7,65	10,60/10,20/9,75	15,90/15,20/14,60	19,50/18,60/17,80	
	Heat (Hi / Med / Lo)	A	3,85/3,70/3,55	6,05/5,80/5,55	7,95/7,60/7,25	8,90/8,50/8,25	11,50/11,00/10,50	15,60/14,90/14,30	19,90/19,00/18,20	
Air volume	Cool / Heat	m ³ /min	40/40	40/45	40/45	61/60	118/108	125/122	129/116	
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	45/48	46/49	48/50	52/52	53/53	54/54	
Sound power	Cool / Heat (Hi)	dB	62/64	64/68	65/69	65/67	69/69	70/70	71/71	
Dimension	HxWxD	mm	695x875x320	695x875x320	695x875x320	996x940x340	1416x940x340	1416x940x340	1416x940x340	
Net weight		kg	43	43	44	68	99	99	99	
Piping connections	Liquid pipe	Inch (mm)	1/4(6,35)	1/4(6,35)	3/8(9,52)	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)	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	3~40	5~50	5~85	5~85	5~85	
Elevation difference (in/out) ⁶⁾		m	30	30	30	30	30	30	30	
Pipe length for additional gas		m	30	30	30	30	30	30	30	
Additional gas amount		g/m	20	20	35	45	45	45	45	
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,15/0,776	1,15/0,776	1,45/0,979	1,95/1,316	3,05/2,059	3,05/2,059	3,05/2,059	
Operating range	Cool Min ~ Max	°C	-15~+46	-15~+46	-15~+46	-15~+46	-15~+46	-15~+46	-15~+46	
	Heat Min ~ Max	°C	-20~+24	-20~+24	-20~+24	-20~+24	-20~+24	-20~+24	-20~+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-GRDBE20	Outdoor base ground support for noise and vibration absorption

Accessories

PAW-GRDSTD40	Outdoor elevation platform 400x900x400mm
CZ-56DAF2	Air Outlet Plenum S...PF1E5B 36, 45 & 50
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		36	45	50	60	71	100	125	140
Standard	Pa	70	70	70	70	70	100	100	100
Maximum available setting	Pa	150	150	150	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
36, 45 & 50	2xØ 200	CZ-56DAF2
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			
			7,10kW	10,00kW	12,50kW	14,00kW
			KIT-71PF1ZH8	KIT-100PF1ZH8	KIT-125PF1ZH8	KIT-140PF1ZH8
			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Remote controller						
Cooling capacity	Nominal (Min - Max)	kW	7,10(2,20 - 9,00)	10,00(3,10 - 12,50)	12,50(3,20 - 14,00)	14,00(3,30 - 16,00)
EER ¹⁾		W/W	3,84	4,13	3,52	3,26
SEER ²⁾			6,40 A++	6,10 A++	5,87	5,72
Pdesign		kW	7,10	10,00	12,50	14,00
Input power cooling		kW	1,85	2,42	3,55	4,30
Annual energy consumption ³⁾		kWh/a	388	574	—	—
Heating capacity	Nominal (Min - Max)	kW	8,00(2,00 - 9,00)	11,20(3,10 - 14,00)	14,00(3,20 - 16,00)	16,00(3,30 - 18,00)
COP ¹⁾		W/W	4,00	4,31	4,02	3,65
SCOP ²⁾			4,60 A++	4,40 A+	4,26	4,18
Pdesign at -10°C		kW	5,20	8,00	9,50	10,60
Input power heating		kW	2,00	2,60	3,48	4,38
Annual energy consumption ³⁾		kWh/a	1582	2545	—	—
Indoor unit			S-71PF1E5B	S-100PF1E5B	S-125PF1E5B	S-140PF1E5B
External static pressure ⁴⁾	Nominal (Min - Max)	Pa	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	32,0/26,0/21,0	34,0/29,0/23,0	36,0/32,0/25,0
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	35/32/26	38/34/31	39/35/32	40/36/33
Dimension	HxWxD	mm	290x1000x700	290x1400x700	290x1400x700	290x1400x700
Net weight		kg	33	45	45	45
Outdoor unit			U-71PZH2E8	U-100PZH2E8	U-125PZH2E8	U-140PZH2E8
Power source		V	380/400/415	380/400/415	380/400/415	380/400/415
Current	Cool (Hi / Med / Lo)	A	2,80/2,70/2,60	3,60/3,40/3,30	5,40/5,10/4,95	6,60/6,25/6,05
	Heat (Hi / Med / Lo)	A	3,00/2,90/2,80	3,90/3,70/3,55	5,30/5,00/4,85	6,70/6,40/6,15
Air volume	Cool / Heat	m ³ /min	61/60	118/108	125/112	129/116
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	53/53	54/54
Sound power	Cool / Heat (Hi)	dB	65/67	69/69	70/70	71/71
Dimension	HxWxD	mm	996x940x340	1416x940x340	1416x940x340	1416x940x340
Net weight		kg	68	99	99	99
Piping connections	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) ⁶⁾		m	30	30	30	30
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	1,95/1,316	3,05/2,059	3,05/2,059	3,05/2,059
	Operating range					
Operating range	Cool Min ~ Max	°C	-15~+46	-15~+46	-15~+46	-15~+46
	Heat Min ~ Max	°C	-20~+24	-20~+24	-20~+24	-20~+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-71PF1ZH5. INTERNET CONTROL: Optional.

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