

HIGH STATIC PRESSURE HIDE AWAY PACi INVERTER+

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.

High heating capacity at -7°C.

Technical focus

- Extremely quiet operation from 26dB(A)
- Auto restart after power failure
- Auto changeover
- Twin, triple and double-twin split options
- DC FAN for better efficiency and control
- Built in drain pump
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be control by the remote control of the Panasonic indoor unit

			PACi Standard						
			Single Phase				Three Phase		
KIT			6.0kW KIT-60PFY1E5B4 CZ-RTC4	7.1kW KIT-71PFY1E5B4 CZ-RTC4	10.0kW KIT-100PFY1E5A4 CZ-RTC4	12.5kW KIT-125PFY1E5A4 CZ-RTC4	10.0kW KIT-100PFY1E8A4 CZ-RTC4	12.5kW KIT-125PFY1E8A4 CZ-RTC4	14.0kW KIT-140PFY1E8A4 CZ-RTC4
Timer remote controller									
Cooling capacity	Nominal (Min - Max)	kW	6.0 (2.0 - 7.1)	7.1 (2.0 - 7.7)	10.0 (2.7 - 11.5)	12.5 (3.8 - 13.5)	10.0 (2.7 - 11.5)	12.5 (3.8 - 13.5)	14.0 (3.3 - 15.5)
EER ¹⁾	Nominal (Min - Max)	W/W	3.35 (5.97 - 2.85) A	2.76 (5.97 - 2.48) D	3.01 (5.09 - 2.74) B	3.05 (4.22 - 2.70) B	3.01 (5.09 - 2.74) B	3.05 (4.22 - 2.70) B	3.22 (3.93 - 2.58) A
SEER ²⁾		W/W	5.50 A	5.40 A	5.40 A	—	5.20 A	—	—
Pdesign		kW	6.0	7.1	10.0	—	10.0	—	—
Input power cooling	Nominal (Min - Max)	kW	1.79 (0.35 - 2.49)	2.57 (0.34 - 3.21)	3.32 (0.53 - 4.20)	4.10 (0.90 - 5.00)	3.32 (0.53 - 4.20)	4.10 (0.90 - 5.00)	4.35 (0.84 - 6.00)
Annual energy consumption (ErP) ³⁾		kWh/a	382	460	648	—	673	—	—
Heating capacity	Nominal (Min - Max)	kW	6.0 (1.8 - 7.0)	7.1 (1.8 - 8.1)	10.0 (2.1 - 13.8)	12.5 (3.4 - 15.0)	10.0 (2.1 - 13.8)	12.5 (3.4 - 15.0)	14.0 (4.1 - 16.0)
Heating capacity at -7/-15°C ⁴⁾		kW	— / —	— / —	9.97 / 8.43	10.97 / 9.03	9.97 / 8.43	10.97 / 9.03	13.35 / 12.38
COP ¹⁾	Nominal (Min - Max)	W/W	4.38 (6.32 - 4.12) A	4.10 (6.32 - 3.68) A	3.80 (5.12 - 3.45) A	3.82 (4.66 - 3.41) A	3.80 (5.12 - 3.45) A	3.82 (4.66 - 3.41) A	3.91 (4.56 - 3.08) A
SCOP ⁵⁾		W/W	4.00 A+	4.00 A+	3.80 A	—	3.80 A	—	—
Pdesign at -10°C		kW	6.0	6.0	9.5	—	9.5	—	—
Input power heating	Nominal (Min - Max)	kW	1.37 (0.29 - 1.70)	1.73 (0.29 - 2.20)	2.63 (0.41 - 4.00)	3.27 (0.73 - 4.40)	2.63 (0.41 - 4.00)	3.27 (0.73 - 4.40)	3.58 (0.90 - 5.20)
Annual energy consumption (ErP) ³⁾		kWh/a	2100	2100	3500	—	3500	—	—
Indoor Unit			S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A
External static pressure ⁶⁾	Nominal (Min - Max)	Pa	70 (10 - 150)	70 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)
Air volume	Hi / Med / Lo	m³/min	21 / 19 / 15	21 / 19 / 15	32 / 26 / 21	34 / 29 / 23	32 / 26 / 21	34 / 29 / 23	36 / 32 / 25
Moisture removal volume		L/h	3.4	4.2	6.0	7.9	6.0	7.9	9.0
Sound pressure ⁷⁾	Hi / Med / Lo	dB(A)	35 / 32 / 26	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32	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	60 / 56 / 53	61 / 57 / 54	62 / 58 / 55
Dimensions	H x W x D	mm	290 x 1000 x 700	290 x 1000 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1400 x 700
Net weight		kg	33	33	45	45	45	45	45
Outdoor Unit			U-60PEY2E5	U-71PEY2E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8
Power source		V	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	380 / 400 / 415	380 / 400 / 415	380 / 400 / 415
Recommended fuse		A	—	—	25	30	16	16	16
Connection		mm²	—	—	4	6	2.5	2.5	2.5
Current	Cooling	A	8.00 / 7.60 / 7.30	10.70 / 10.30 / 9.85	0.82 / 0.79 / 0.76	19.2 / 18.4 / 17.6	5.10 / 4.85 / 4.70	6.35 / 6.05 / 5.80	6.85 / 6.50 / 6.25
	Heating	A	7.05 / 6.75 / 6.45	8.50 / 8.10 / 7.80	0.81 / 0.78 / 0.75	15.4 / 14.8 / 14.2	4.15 / 3.95 / 3.80	5.15 / 4.90 / 4.70	5.65 / 5.35 / 5.20
Air volume	Cooling / Heating	m³/min	38 / 41	44 / 41	110 / 95	80 / 73	76 / 67	80 / 73	135 / 120
Sound pressure	Cooling / Heating (Hi)	dB(A)	46 / 48	49 / 49	52 / 52	56 / 56	54 / 54	56 / 56	54 / 53
Sound power	Cooling / Heating (Hi)	dB	65 / 68	69 / 69	69 / 69	73 / 73	70 / 70	73 / 73	71 / 70
Dimensions	H x W x D	mm	619 x 799 x 299	619 x 799 x 299	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1416 x 940 x 340
Net weight		kg	40	40	73	85	73	85	98
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)	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)	5/8 (15.88)	5/8 (15.88)
Piping length range / Elevation difference (in/out) ⁷⁾		m	3 ~ 40 / 30	3 ~ 40 / 30	5 ~ 50 / 30	5 ~ 50 / 30	5 ~ 50 / 30	5 ~ 50 / 30	5 ~ 50 / 30
Pipe length for additional gas / Additional gas amount		m / g/m	30 / 40	30 / 40	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50
Refrigerant (R410A)		kg / TCO ₂ Eq.	1.95 / 4.0716	1.95 / 4.0716	2.60 / 5.4288	3.20 / 6.6816	2.60 / 5.4288	3.20 / 6.6816	3.40 / 7.0992
Operating range	Cooling Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heating Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP, Energy Saving Classification, is at 220 / 240V (380 / 415V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent IPLV for SBEM for U1 indoor unit SEER=a(EER25)+b(EER50)+c(EER75)+d(EER100) where EER25, EER50, EER75 and EER100 are the EER measured value at 25%, 50%, 75% and 100% part load for temperatures 20, 25, 30 and 35°C DB, respectively. a, b, c and d are values assigned for an office type. These values are given as a=0.2, b=0.36, c=0.32 and d=0.03. The internal temperatures are taken at 27°C DB and 19°C WB. 3) The annual consumption(ErP) is calculated by formula determined by ErP regulation. 4) Heating capacity is calculated including defrost factor correction. 5) SCOP is calculated in base Eurovent IPLV for SBEM with U1 indoor unit including defrost correction factor. 6) Medium External static pressure setting from factory. 7) The Sound pressure of the units shows the value measured of a position 1 meter in front of the main body and 1.5m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 8) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A.

STANDARD

ELITE



SEER and SCOP: For KIT-60PFY1E5B4.

SEER and SCOP: For KIT-71PFY1E5A4.

INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY: Only for PRO Partners.



Included Controller.
Timer remote controller
CZ-RTC4
Compatible with Econavi



Optional Controller.
Wired remote controller
CZ-RTCSA
Compatible with Econavi



Optional Econavi Sensor.
CZ-CENSC1



Optional Controller.
Wireless remote controller
CZ-RWSK2 + CZ-RWSC3



Optional Controller.
Simplified remote controller
CZ-REZC2

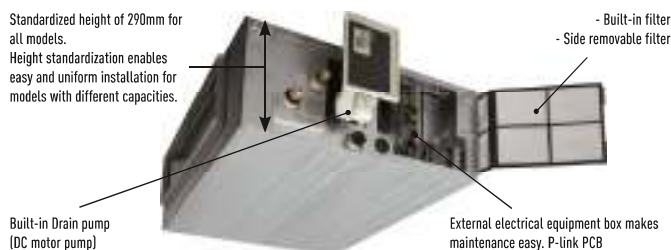
Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.



Air Outlet Plenum (without regulation adaptor)

	Diameters	Model
36, 45 & 50	2 x Ø 200	CZ-56DAF2
60 & 71	3 x Ø 200	CZ-90DAF2
100, 125 & 140	4 x Ø 200	CZ-160DAF2

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



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.

PACi Elite

	Single Phase							Three Phase			
	3.6kW	5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	7.1kW	10.0kW	12.5kW	14.0kW
	KIT-36PF1E5B4 CZ-RTC4	KIT-50PF1E5B4 CZ-RTC4	KIT-60PF1E5B4 CZ-RTC4	KIT-71PF1E5A4 CZ-RTC4	KIT-100PF1E5A4 CZ-RTC4	KIT-125PF1E5A4 CZ-RTC4	KIT-140PF1E5A4 CZ-RTC4	KIT-71PF1E8A4 CZ-RTC4	KIT-100PF1E8A4 CZ-RTC4	KIT-125PF1E8A4 CZ-RTC4	KIT-140PF1E8A4 CZ-RTC4
	3.6 (1.5 - 4.0)	5.0 (1.5 - 5.6)	6.0 (2.0 - 7.1)	7.1 (2.5 - 8.0)	10.0 (3.3 - 12.5)	12.5 (3.3 - 14.0)	14.0 (3.3 - 15.5)	7.1 (3.2 - 8.0)	10.0 (3.3 - 12.5)	12.5 (3.3 - 14.0)	14.0 (3.3 - 15.5)
	4.44 [5.17 - 4.00] A	3.85 [5.17 - 3.50] A	3.64 [5.97 - 3.02] A	3.84 (4.72 - 3.02) A	4.10 (3.93 - 3.38) A	3.50 (3.93 - 3.04) A	3.25 (3.93 - 2.58) A	3.84 [5.0 - 3.02] A	4.10 (3.93 - 3.38) A	3.50 (3.93 - 3.04) A	3.25 (3.93 - 2.58) A
	5.70 	5.70 	6.10 	6.40 	5.80 	—	—	6.00 	5.70 	—	—
	3.6	5.0	6.0	7.1	10.0	—	—	7.1	10.0	—	—
	0.81 (0.29 - 1.00)	1.30 (0.29 - 1.60)	1.65 (0.34 - 2.35)	1.85 (0.53 - 2.65)	2.44 (0.84 - 3.70)	3.57 (0.84 - 4.60)	4.31 (0.84 - 6.00)	1.85 (0.64 - 2.65)	2.44 (0.84 - 3.70)	3.57 (0.84 - 4.60)	4.31 (0.84 - 6.00)
	221	307	344	388	603	—	—	414	614	—	—
	4.0 (1.5 - 5.0)	5.6 (1.5 - 6.5)	7.0 (1.8 - 8.0)	8.0 (2.0 - 9.0)	11.2 (4.1 - 14.0)	14.0 (4.1 - 16.0)	16.0 (4.1 - 18.0)	8.0 (2.8 - 9.0)	11.2 (4.1 - 14.0)	14.0 (4.1 - 16.0)	16.0 (4.1 - 18.0)
	— / —	— / —	— / —	7.52 / 7.65	12.04 / 11.20	13.48 / 12.38	14.24 / 12.69	7.52 / 7.65	12.04 / 11.20	13.48 / 12.38	14.24 / 12.69
	4.55 (6.25 - 4.17) A	4.03 (6.25 - 3.71) A	4.00 (6.32 - 3.81) A	3.85 (4.17 - 3.10) A	4.31 (4.56 - 3.18) A	4.02 (4.56 - 3.08) A	3.60 (4.56 - 3.05) A	3.85 (4.83 - 3.10) A	4.31 (4.56 - 3.18) A	4.02 (4.56 - 3.08) A	3.60 (4.56 - 3.05) A
	3.90 	3.90 	4.00 	4.00 	3.80 	—	—	3.90 	3.80 	—	—
	3.6	4.0	6.0	7.1	10.0	—	—	7.1	10.0	—	—
	0.88 (0.24 - 1.20)	1.39 (0.24 - 1.75)	1.75 (0.29 - 2.10)	2.08 (0.48 - 2.90)	2.60 (0.90 - 4.40)	3.48 (0.90 - 5.20)	4.44 (0.90 - 5.90)	2.08 (0.58 - 2.90)	2.60 (0.90 - 4.40)	3.48 (0.90 - 5.20)	4.44 (0.90 - 5.90)
	1292	1436	2100	2485	3684	—	—	2548	3684	—	—
	S-36PF1E5A	S-50PF1E5A	S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A
	70 (10 - 150)	70 (10 - 150)	70 (10 - 150)	70 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	70 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)
	14 / 13 / 10	16 / 15 / 12	21 / 19 / 15	21 / 19 / 15	32 / 26 / 21	34 / 29 / 23	36 / 32 / 25	21 / 19 / 15	32 / 26 / 21	34 / 29 / 23	36 / 32 / 25
	2.1	2.8	3.4	4.2	6.0	7.9	9.0	4.2	6.0	7.9	9.0
	33 / 29 / 25	34 / 30 / 26	35 / 32 / 26	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32	40 / 36 / 33	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32	40 / 36 / 33
	55 / 51 / 47	56 / 52 / 48	57 / 54 / 48	57 / 54 / 48	60 / 56 / 53	61 / 57 / 54	62 / 58 / 55	57 / 54 / 48	60 / 56 / 53	61 / 57 / 54	62 / 58 / 55
	290 x 800 x 700	290 x 800 x 700	290 x 1000 x 700	290 x 1000 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1000 x 700	290 x 1400 x 700	290 x 1400 x 700	290 x 1400 x 700
	28	28	33	33	45	45	45	33	45	45	45
	U-36PE2E5A	U-50PE2E5A	U-60PE2E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240	380 / 400 / 415	380 / 400 / 415	380 / 400 / 415	380 / 400 / 415
	—	—	—	20	25	30	16	16	16	16	16
	—	—	—	2.5	4.0	6.0	2.5	2.5	2.5	2.5	2.5
	3.75 / 3.55 / 3.40	6.25 / 5.95 / 5.70	7.90 / 7.50 / 7.25	9.00 / 8.70 / 8.40	11.5 / 11.1 / 10.6	17.0 / 16.4 / 15.8	21.2 / 20.5 / 19.8	3.00 / 2.90 / 2.80	3.95 / 3.75 / 3.65	5.85 / 5.55 / 5.35	7.30 / 6.95 / 6.70
	3.80 / 3.60 / 3.45	6.05 / 5.75 / 5.50	8.50 / 8.15 / 7.80	8.90 / 8.60 / 8.30	11.8 / 11.4 / 11.0	16.0 / 15.4 / 14.9	19.8 / 19.2 / 18.5	3.00 / 2.90 / 2.80	4.05 / 3.85 / 3.75	5.50 / 5.20 / 5.05	6.85 / 6.50 / 6.25
	38 / 38	38 / 41	38 / 41	60 / 60	110 / 95	130 / 110	135 / 120	60 / 60	110 / 95	130 / 110	135 / 120
	45 / 46	46 / 48	46 / 49	48 / 50	52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
	64 / 66	65 / 68	65 / 69	65 / 67	69 / 69	70 / 70	71 / 71	65 / 67	69 / 69	70 / 70	71 / 71
	619 x 799 x 299	619 x 799 x 299	619 x 799 x 299	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340
	39	39	40	69	98	98	98	71	98	98	98
	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)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	1/2 (12.7)	1/2 (12.7)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)
	3 ~ 40 / 30	3 ~ 40 / 30	3 ~ 40 / 30	5 ~ 50 / 30	5 ~ 75 / 30	5 ~ 75 / 30	5 ~ 75 / 30	5 ~ 50 / 30	5 ~ 75 / 30	5 ~ 75 / 30	5 ~ 75 / 30
	30 / 20	30 / 20	30 / 40	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50
	1.40 / 2.9232	1.40 / 2.9232	1.95 / 4.0716	2.35 / 4.9068	3.40 / 7.0992	3.40 / 7.0992	3.40 / 7.0992	2.35 / 4.9068	3.40 / 7.0992	3.40 / 7.0992	3.40 / 7.0992
	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Accessories

CZ-RTCSA	Wired remote control with Econavi button
CZ-RWSK2 + CZ-RWSC3	Wireless remote controller
CZ-REZC2	Simplified remote controller
PAW-GRDSTD40	Outdoor elevation platform 400 x 900 x 400mm
PAW-WTRAY	Tray for condenser water compatible with base ground support
CZ-56DAF2	Air Outlet Plenum S . . .PF1E5A 36, 45 & 50
CZ-90DAF2	Air Outlet Plenum S . . .PF1E5A 60 & 71
CZ-160DAF2	Air Outlet Plenum S . . .PF1E5A 100, 125 & 140
CZ-140DRS1	PACi Drain kit to suit all PACi system

