

## LOW STATIC PRESSURE HIDE AWAY PACi STANDARD AND ELITE INVERTER+

The depth of only 250mm provides greater installation flexibility and the unit can be used in more applications. Ideal for sites with narrow ceiling voids.

### Technical focus

- Compact indoor units without losing static pressure (Only 250 mm high)
- 50 Pa static pressure
- Easy maintenance and service via external electrical box
- 3 speed centrifugal fan through wired or wireless remote control
- DC FAN for better efficiency and control
- 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

### Standard

		Single Phase				Three Phase			
		6,0 kW	7,1 kW	10,0 kW	12,5 kW	10,0 kW	12,5 kW	14,0 kW	
KIT		KIT-60PNY1E5A	KIT-71PNY1E5A	KIT-100PNY1E5A	KIT-125PNY1E5A	KIT-100PNY1E8A	KIT-125PNY1E8A	KIT-140PNY1E8A	
Indoor		S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A	
Outdoor		U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8	
Timer remote controller		CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	
Cooling capacity	Nominal (Min - Max)	kW	6,0 (2,0 - 7,0)	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 <sup>1)</sup>	Nominal (Min - Max)	W/W	3,02 (6,15 - 2,38) B	2,76 (6,15 - 2,38) D	2,81 (4,74 - 2,67) C	2,81 (4,00 - 2,60) C	2,81 (4,74 - 2,67) C	2,98 (3,93 - 2,58) C	
SEER <sup>2)</sup>	Nominal (Min - Max)	W/W	4,7 <b>B</b>	5,0 <b>B</b>	5,3 <b>A</b>	—	5,2 <b>A</b>	—	
Pdesign		kW	6,0	7,1	10,0	—	10,0	—	
Power input cooling	Nominal (Min - Max)	kW	1,990 (0,325 - 2,940)	2,570 (0,325 - 3,230)	3,555 (0,570 - 4,300)	4,445 (0,950 - 5,200)	3,555 (0,570 - 4,300)	4,445 (0,950 - 5,200)	4,700 (0,840 - 6,000)
Annual energy consumption (ErP) <sup>3)</sup>		kWh/a	444	496	660	—	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°C <sup>4)</sup>	Nominal	kW	4,99	5,08	9,97	10,97	9,97	10,97	13,35
Heating capacity at -15°C <sup>4)</sup>	Nominal	kW	4,20	4,37	8,43	9,03	8,43	9,03	12,38
COP <sup>1)</sup>	Nominal (Min - Max)	W/W	3,61 (6,55 - 2,89) A	3,41 (6,55 - 2,91) B	3,41 (4,67 - 3,37) B	3,41 (4,36 - 3,26) B	3,41 (4,67 - 3,37) B	3,41 (4,36 - 3,26) B	3,52 (4,56 - 3,08) B
SCOP <sup>5)</sup>	Nominal (Min - Max)	W/W	3,8 <b>A</b>	3,8 <b>A</b>	3,8 <b>A</b>	—	3,8 <b>A</b>	—	
Pdesign at -10°C		kW	4,8	5,3	7,6	—	7,6	—	
Power input heating	Nominal (Min - Max)	kW	1,660 (0,275 - 2,420)	2,080 (0,275 - 2,780)	2,935 (0,450 - 4,100)	3,665 (0,780 - 4,600)	2,935 (0,450 - 4,100)	3,665 (0,780 - 4,600)	3,880 (1,050 - 5,400)
Annual energy consumption (ErP) <sup>3)</sup>		kWh/a	1.757	1.952	2.800	—	2.800	—	
<b>Indoor unit</b>									
External static pressure <sup>6)</sup>	Nominal (Min - Max)	Pa	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)
Air volume	Cooling / Heating	m³/h	1.320 / 1.320	1.320 / 1.320	2.160 / 2.160	2.280 / 2.280	2.160 / 2.160	2.280 / 2.280	2.400 / 2.400
Moisture removal volume		l/h	3,4	4,2	6,0	7,9	6,0	7,9	9,0
Sound pressure level <sup>7)</sup>	Cooling (Hi / Med / Lo)	dB(A)	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39
	Heating (Hi / Med / Lo)	dB(A)	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39
Sound power level	Cooling (Hi / Med / Lo)	dB	60 / 58 / 53	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60
	Heating (Hi / Med / Lo)	dB	60 / 58 / 53	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60
Dimensions <sup>8)</sup>	H x W x D	mm	250 x 1.000 x 650	250 x 1.000 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.200 x 650
Net weight		kg	32	32	41	41	41	41	41
<b>Outdoor unit</b>									
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		20	20	25	30	16	16	16
Connection	mm²		2,5	2,5	4	6	2,5	2,5	2,5
Current	Cooling	A	9,1 / 8,7 / 8,4	12,0 / 11,5 / 11,0	16,0 / 15,3 / 14,8	20,1 / 19,3 / 18,7	5,45 / 5,20 / 5,05	6,85 / 6,50 / 6,25	7,05 / 6,70 / 6,45
	Heating	A	7,5 / 7,2 / 6,9	9,6 / 9,2 / 8,9	13,0 / 12,5 / 12,1	16,5 / 15,8 / 15,2	4,45 / 4,25 / 4,10	5,55 / 5,30 / 5,10	5,90 / 5,60 / 5,40
Air volume	Cooling / Heating	m³/h	1.800 / 2.100	2.340	4.560 / 4.020	4.800 / 4.380	4.560 / 4.020	4.800 / 4.380	8.100 / 7.200
Sound pressure level	Cooling / Heating (Hi)	dB(A)	46 / 50	50 / 52	54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Sound power level	Cooling / Heating (Hi)	dB	65 / 69	70 / 70	70 / 70	73 / 73	70 / 70	73 / 73	71 / 70
Dimensions	H x W x D	mm	569 x 790 x 285	569 x 790 x 285	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1.416 x 940 x 340
Net weight		kg	42	42	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)
Refrigerant loading	R410A	kg	1,7	1,7	2,60	3,20	2,60	3,20	3,4
Piping length / Elevation difference (in/out) <sup>9)</sup>	m		5 - 50 / 30	5 - 50 / 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		20 / 40	20 / 40	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50
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

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.  
 1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) only in accordance with EU directive 2002/31/EC. 2) SEER is calculated in base Eurovent PLV 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 internet 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

### Standard

### Elite

A  
5,30 SEER

A  
3,80 SCOP

-10°C  
COOLING MODE

-15°C  
HEATING MODE

A+  
6,00 SEER

A  
3,90 SCOP

-15°C  
COOLING MODE

-20°C  
HEATING MODE

INVERTER+

DC FAN

R22 RENEWAL  
R22 RENEWAL

INTERNET CONTROL

CONNECTIVITY

5 YEARS COMPRESSOR WARRANTY

SEER and SCOP: For KIT-100PNY1E5A.

SEER and SCOP: For KIT-100PNY1E8A.

INTERNET CONTROL - Optional.

**HIGH HEATING CAPACITY AT -7°C**



**Optional Controller**  
Wired remote controller  
CZ-RTC5



**Optional Controller**  
Timer remote controller  
CZ-RTC4



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



**Optional Controller**  
Simplified remote controller  
CZ-RE2C2

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

## Elite

Single Phase						Three Phase			
5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW
KIT-50PN1E5A	KIT-60PN1E5A	KIT-71PN1E5A	KIT-100PN1E5A	KIT-125PN1E5A	KIT-140PN1E5A	KIT-71PN1E8A	KIT-100PN1E8A	KIT-125PN1E8A	KIT-140PN1E8A
S-50PN1E5A	S-60PN1E5A	S-71PN1E5A	S-100PN1E5A	S-125PN1E5A	S-140PN1E5A	S-71PN1E8A	S-100PN1E8A	S-125PN1E8A	S-140PN1E8A
U-50PE1E5	U-60PE1E5A	U-71PE1E5A	U-100PE1E5A	U-125PE1E5A	U-140PE1E5A	U-71PE1E8A	U-100PE1E8A	U-125PE1E8A	U-140PE1E8A
CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4
5,0 (1,5 - 5,6)	6,0 (2,5 - 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 (2,5 - 8,0)	10,0 (3,3 - 12,5)	12,5 (3,3 - 14,0)	14,0 (3,3 - 15,5)
3,21 (5,77 - 2,42) A	3,24 (4,55 - 3,37) A	3,30 (4,55 - 2,91) A	3,75 (3,79 - 3,29) A	3,21 (3,30 - 2,92) A	3,01 (3,30 - 2,50) B	3,30 (3,79 - 2,91) A	3,75 (3,79 - 3,29) A	3,21 (3,30 - 2,92) A	3,01 (3,30 - 2,50) A
4,6 <b>B</b>	5,5 <b>A</b>	5,5 <b>A</b>	6,0 <b>A+</b>	—	—	5,2 <b>A</b>	5,8 <b>A+</b>	—	—
5,0	6,0	7,1	10,0	—	—	7,1	10,0	—	—
1,560 (0,260 - 2,310)	1,850 (0,550 - 2,105)	2,150 (0,550 - 2,750)	2,670 (0,870 - 3,800)	3,890 (1,000 - 4,800)	4,650 (1,000 - 6,200)	2,150 (0,660 - 2,750)	2,670 (0,870 - 3,800)	3,890 (1,000 - 4,800)	4,650 (1,000 - 6,200)
380	382	452	583	—	—	477	603	—	—
5,6 (1,5 - 6,3)	7,0 (2,0 - 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 (2,0 - 9,0)	11,2 (4,1 - 14,0)	14,0 (4,1 - 16,0)	16,0 (4,1 - 18,0)
4,20	6,69	7,52	12,04	13,48	14,24	7,52	12,04	13,48	14,24
3,58	6,56	7,65	11,20	12,38	12,69	7,65	11,20	12,38	12,69
3,22 (6,82 - 2,50) C	3,61 (4,00 - 3,09) A	3,54 (4,00 - 3,08) B	3,80 (4,18 - 3,11) A	3,61 (3,90 - 2,96) A	3,41 (3,90 - 2,95) B	3,54 (3,33 - 3,00) B	3,80 (4,18 - 3,11) A	3,61 (3,90 - 2,96) A	3,41 (3,90 - 2,95) B
3,8 <b>A</b>	3,8 <b>A</b>	3,7 <b>A</b>	3,9 <b>A</b>	—	—	3,7 <b>A</b>	3,8 <b>A</b>	—	—
3,8	5,6	6,5	10,0	—	—	6,5	10,0	—	—
1,740 (0,220 - 2,520)	1,940 (0,500 - 2,585)	2,260 (0,500 - 2,920)	2,950 (0,980 - 4,500)	3,880 (1,050 - 5,400)	4,690 (1,050 - 6,100)	2,260 (0,600 - 3,000)	2,950 (0,980 - 4,500)	3,880 (1,050 - 5,400)	4,690 (1,050 - 6,100)
1,400	2,061	2,458	3,590	—	—	2,458	3,684	—	—
50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)	50 (10 - 80)
960 / 960	1.320 / 1.320	1.320 / 1.320	2.160 / 2.160	2.280 / 2.280	2.400 / 2.400	1.320 / 1.320	2.160 / 2.160	2.280 / 2.280	2.400 / 2.400
2,8	3,4	4,2	6,0	7,9	9,0	4,2	6,0	7,9	9,0
41 / 39 / 35	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39
41 / 39 / 35	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39	43 / 41 / 36	44 / 42 / 37	45 / 43 / 38	46 / 44 / 39
58 / 56 / 52	60 / 58 / 53	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60
58 / 56 / 52	60 / 58 / 53	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60	60 / 58 / 53	65 / 63 / 58	66 / 64 / 59	67 / 65 / 60
250 x 780 x 650	250 x 1.000 x 650	250 x 1.000 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.000 x 650	250 x 1.200 x 650	250 x 1.200 x 650	250 x 1.200 x 650
29	32	32	41	41	41	32	41	41	41
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
16	20	20	25	30	16	16	16	16	16
2,5	2,5	2,5	4	6	2,5	2,5	2,5	2,5	2,5
7,10 / 6,80 / 6,60	8,20 / 8,00 / 7,80	9,70 / 9,40 / 9,20	11,6 / 11,2 / 10,9	17,4 / 16,9 / 16,4	20,5 / 20,1 / 19,5	3,25 / 3,10 / 3,00	3,95 / 3,75 / 3,60	5,80 / 5,50 / 5,30	6,95 / 6,60 / 6,35
8,00 / 7,70 / 7,40	8,60 / 8,40 / 8,20	10,2 / 9,90 / 9,70	12,8 / 12,5 / 12,2	17,3 / 16,8 / 16,3	20,6 / 20,2 / 19,6	3,35 / 3,20 / 3,10	4,35 / 4,15 / 4,00	5,80 / 5,50 / 5,30	7,00 / 6,65 / 6,45
1.800 / 2.100	3.600 / 3.600	3.600 / 3.600	6.600 / 5.700	7.800 / 6.600	8.100 / 7.200	3.600 / 3.600	6.600 / 5.700	7.800 / 6.600	8.100 / 7.200
46 / 50	48 / 50	48 / 50	52 / 52	53 / 53	54 / 55	48 / 50	52 / 52	53 / 53	54 / 55
65 / 69	65 / 67	65 / 67	69 / 69	70 / 70	71 / 71	65 / 67	69 / 69	70 / 70	71 / 71
569 x 790 x 285	996 x 940 x 340	996 x 940 x 340	1.416 x 940 x 340	1.416 x 940 x 340	1.416 x 940 x 340	996 x 940 x 340	1.416 x 940 x 340	1.416 x 940 x 340	1.416 x 940 x 340
42	68	69	98	98	98	71	98	98	98
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)	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)
1,65	2	2,35	3,4	3,4	3,4	2,35	3,4	3,4	3,4
5 - 40 / 30	5 - 50 / 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 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50
-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

indoor unit including defrost correction factor. 6) Medium External static pressure setting from factory. 7) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 1,5 m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 8) Add 100 mm for piping part. 9) When installing the outdoor unit at a higher position than the indoor unit. // Recommended fuse for the indoor 3A. For detailed information about ErP, please visit our websites [www.aircon.panasonic.eu](http://www.aircon.panasonic.eu) or [www.ptc.panasonic.eu](http://www.ptc.panasonic.eu)

## Accessories



PAN-GRDST40  
Outdoor elevation platform 400 x 900 x 400 mm.



PAN-WTRAY  
Tray for condenser water compatible with base ground support



PAN-GRDSE20  
Outdoor base ground support for noise and vibration absorption (600 x 95 x 130 mm, 500 kg)



PAN-WPH7: Wind protection shield for U-50PE1E5, U-100PE1E8, U-250PE1E8, U-71PE1E5R, U-100PE1E5R, U-125PE1E5R, U-140PE1E5R, U-100PE1E5R, U-125PE1E5R, U-140PE1E5R, U-140PE1E5R.



PAN-PACR3  
Interfaces to run 3 units on Backup and alternative run.



CZ-56DAF2: Air Outlet Plenum 2 diameters x Ø 200. CZ-90DAF2: Air Outlet Plenum 3 diameters x Ø 200. CZ-140DAF2: Air Outlet Plenum 4 diameters x Ø 200.



U-60PE1E5  
U-100PE1E5  
U-50PE1E5



U-100PE1E5  
U-125PE1E5  
U-100PE1E8  
U-71PE1E8A  
U-125PE1E8



U-60PE1E5A  
U-71PE1E8A  
U-140PE1E8  
U-100PE1E8A  
U-125PE1E8A  
U-140PE1E8A

## HIGH STATIC PRESSURE HIDE AWAY PACi STANDARD AND ELITE 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.

### Technical focus

- Extremely quiet operation from 26 dB(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

### Standard

		Single Phase				Three Phase			
		6,0 kW	7,1 kW	10,0 kW	12,5 kW	10,0 kW	12,5 kW	14,0 kW	
KIT		KIT-60PFY1E5A	KIT-71PFY1E5A	KIT-100PFY1E5A	KIT-125PFY1E5A	KIT-100PFY1E8A	KIT-125PFY1E8A	KIT-140PFY1E8A	
Indoor		S-60PF1E5A	S-71PF1E5A	S-100PF1E5A	S-125PF1E5A	S-100PF1E5A	S-125PF1E5A	S-140PF1E5A	
Outdoor		U-60PEY1E5	U-71PEY1E5	U-100PEY1E5	U-125PEY1E5	U-100PEY1E8	U-125PEY1E8	U-140PEY1E8	
Timer remote controller		CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	CZ-RTC4	
Cooling capacity	Nominal (Min - Max)	kW	6,0 (2,0 - 7,0)	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 <sup>1)</sup>	Nominal (Min - Max)	W/W	3,10 (6,15 - 2,46) B	2,76 (6,15 - 2,35) 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 <sup>2)</sup>	Nominal (Min - Max)	W/W	5,4 <b>A</b>	5,3 <b>A</b>	5,4 <b>A</b>	—	5,2 <b>A</b>	—	
Pdesign		kW	6,0	7,1	10,0	—	10,0	—	
Power input cooling	Nominal (Min - Max)	kW	1,930 (0,325 - 2,850)	2,570 (0,325 - 3,270)	3,320 (0,530 - 4,200)	4,100 (0,900 - 5,000)	3,320 (0,530 - 4,200)	4,100 (0,900 - 5,000)	4,350 (0,840 - 6,000)
Annual energy consumption (ErP) <sup>3)</sup>		kWh/a	389	469	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°C <sup>4)</sup>	Nominal	kW	4,99	5,08	9,97	10,97	9,97	10,97	13,35
Heating capacity at -15°C <sup>4)</sup>	Nominal	kW	4,20	4,37	8,43	9,03	8,43	9,03	12,38
COP <sup>1)</sup>	Nominal (Min - Max)	W/W	4,25 (6,55 - 3,41) A	3,94 (6,55 - 3,40) 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 <sup>5)</sup>	Nominal (Min - Max)	W/W	3,8 <b>A</b>	3,8 <b>A</b>	3,8 <b>A</b>	—	3,8 <b>A</b>	—	
Pdesign at -10°C		kW	5,0	5,5	9,5	—	9,5	—	
Power input heating	Nominal (Min - Max)	kW	1,410 (0,275 - 2,055)	1,800 (0,275 - 2,380)	2,630 (0,410 - 4,000)	3,270 (0,730 - 4,400)	2,630 (0,410 - 4,000)	3,270 (0,730 - 4,400)	3,580 (0,900 - 5,200)
Annual energy consumption (ErP) <sup>3)</sup>		kWh/a	1.842	2.026	3.500	—	3.500	—	
<b>Indoor unit</b>									
External static pressure <sup>6)</sup>	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	Cooling (Hi / Med / Lo)	m³/h	1.260 / 1.140 / 900	1.260 / 1.140 / 900	1.920 / 1.560 / 1.260	2.040 / 1.740 / 1.380	1.920 / 1.560 / 1.260	2.040 / 1.740 / 1.380	2.160 / 1.920 / 1.500
	Heating (Hi / Med / Lo)	m³/h	1.260 / 1.140 / 900	1.260 / 1.140 / 900	1.920 / 1.560 / 1.260	2.040 / 1.740 / 1.380	1.920 / 1.560 / 1.260	2.040 / 1.740 / 1.380	2.160 / 1.920 / 1.500
Moisture removal volume		l/h	3,4	4,2	6,0	7,9	6,0	7,9	9,0
Sound pressure level <sup>7)</sup>	Cooling (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
	Heating (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 level	Cooling (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
	Heating (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 1.000 x 700	290 x 1.000 x 700	290 x 1.400 x 700	290 x 1.400 x 700	290 x 1.400 x 700	290 x 1.400 x 700	290 x 1.400 x 700
Net weight		kg	33	33	45	45	45	45	45
<b>Outdoor unit</b>									
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		20	20	25	30	16	16	16
Connection	mm²		2,5	2,5	4	6	2,5	2,5	2,5
Current	Cooling	A	9,00 / 8,65 / 8,30	12,2 / 11,7 / 11,2	15,1 / 14,5 / 13,9	18,8 / 18,0 / 17,2	5,10 / 4,85 / 4,70	6,20 / 5,90 / 5,70	6,75 / 6,45 / 6,25
	Heating	A	6,40 / 6,10 / 5,90	8,30 / 7,90 / 7,60	11,8 / 11,2 / 10,7	14,6 / 14,0 / 13,4	4,05 / 3,80 / 3,65	4,90 / 4,65 / 4,50	5,60 / 5,40 / 5,20
Air volume	Cooling / Heating	m³/h	1.800 / 2.100	2.340 / 2.340	4.560 / 4.020	4.800 / 4.380	4.560 / 4.020	4.800 / 4.380	8.100 / 7.200
Sound pressure level	Cooling / Heating (Hi)	dB(A)	46 / 50	50 / 52	54 / 54	56 / 56	54 / 54	56 / 56	54 / 53
Sound power level	Cooling / Heating (Hi)	dB	65 / 69	70 / 70	70 / 70	73 / 73	70 / 70	73 / 73	71 / 70
Dimensions	H x W x D	mm	569 x 790 x 285	569 x 790 x 285	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	996 x 940 x 340	1.416 x 940 x 340
Net weight		kg	42	42	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)
Refrigerant loading	R410A	kg	1,7	1,7	2,60	3,20	2,60	3,20	
Piping length / Elevation difference (in/out) <sup>8)</sup>	m		5 - 50 / 30	5 - 50 / 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		20 / 40	20 / 40	30 / 50	30 / 50	30 / 50	30 / 50	30 / 50
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

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 / 4°C WB. (DB: Dry Bulb; WB: Wet Bulb). // Specifications subject to change without notice.  
 1) EER and COP, Energy Saving Classification, is at 220 / 240 V (380 / 415 V) 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

### Standard

### Elite

<b>A</b> 5,40 SEER	<b>A</b> 3,80 SCOP	<b>-10°C</b> COOLING MODE	<b>-15°C</b> HEATING MODE	<b>A++</b> 6,40 SEER	<b>A+</b> 4,80 SCOP	<b>-15°C</b> COOLING MODE	<b>-20°C</b> HEATING MODE	<b>INVERTER+</b>	<b>DC FAN</b>	<b>R22 RENEWAL</b> R22 RENEWAL R410A	<b>INTERNET CONTROL</b>	<b>BMS</b> CONNECTIVITY	<b>5 YEARS</b> COMPRESSOR WARRANTY
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SEER and SCOP: For KIT-60PFY1E5A and KIT-100PFY1E5A.

SEER and SCOP: For KIT-71PFY1E5A.

INTERNET CONTROL: Optional.

