

PACi Standard Single and Twin System

Up to 2 indoor units connectable on the same outdoor.

Panasonic's PACi units can be installed as single and twin systems. The indoor units can be combined following the selection table. The operation will always be simultaneous. All the indoor units will work with the same settings.

SINGLE

TWIN

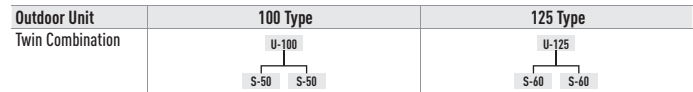
Joint distribution (sold separately) A= CZ-P155BK1

Item		Contents		Symbol		Actual length (m)	
				Single	Twin		
Allowable tubing lengths	Maximum distribution tubing length	Maximum branch pipe length		-	Q1 Q2	≤ 15	
	Sum Total Length	Maximum allowable tubing length and the sum total of other tubing		-	L + Q1 > Q2	≤ 50 m	
Maximum branch tubing length		Maximum branch pipe length difference		-	Q1 > Q2 Q1-Q2	≤ 10	
Maximum allowable height difference	Maximum indoor-outdoor height difference	If outdoor unit is higher		H1		≤ 30	
		If outdoor unit is lower				≤ 15	
	Maximum height difference between indoor units					H2	≤ 0.5

	Main tubing (L)		Double-twin distribution tube (L1, L2)		Indoor unit connection tube (Q1, Q2, Q3, Q4)	
Type capacity of indoor unit	50 - 60		100 - 140		60	50
Gas tube	Ø15.88		Ø15.88		Ø15.88	Ø12.7
Liquid tube	Ø9.52	Ø12.7	Ø9.52		Ø9.52	Ø6.35
Amount of additional charge per 1 m	50 g	50 g	50 g		50 g	20 g

Single/Simultaneous operation system combinations

Indoor size / Outdoor size	10.0 kW	12.5 kW
5.0 kW	Twin	
6.0 kW		Twin
10.0 kW	Single	
12.5 kW		Single



Compatible Outdoor Units

			10.0 kW		10.0 kW		12.5 kW		12.5 kW	
Outdoor			U-100PEY1E5		U-100PEY1E8		U-125PEY1E5		U-125PEY1E8	
Cooling capacity	Nom. (Min-Max)	kW	10		10.0 (2.7-11.5)		12.5 (3.8-13.5)		12.5 (3.8-13.5)	
Heating capacity	Nom. (Min-Max)	kW	10		10.0 (2.1-13.8)		12.5 (3.4-15.0)		12.5 (3.4-15.0)	
Power source		V	220 / 230 / 240		380 / 400 / 415		220 / 230 / 240		380 / 400 / 415	
Connection		mm ²								
Air Volume	Cooling/Heating	m ³ /h	4560 / 4020		4560 / 4020		4800 / 4380		4800 / 4380	
Sound pressure Level	Cooling/Heating (Hi)	dB(A)	54 / 54		54 / 54		56 / 56		56 / 56	
Sound power Level	Cooling/Heating (Hi)	dB	70 / 70		70 / 70		73 / 73		73 / 73	
Dimensions (Net weight)	H x W x D	mm (kg)	996 x 940 x 340 (73)		996 x 940 x 340 (73)		996 x 940 x 340 (85)		996 x 940 x 340 (85)	
Piping connections	Liquid pipe / Gas pipe	Inch (mm)	3/8 (9.52) / 5/8 (15.88)		3/8 (9.52) / 5/8 (15.88)		3/8 (9.52) / 5/8 (15.88)		3/8 (9.52) / 5/8 (15.88)	
Refrigerant Loading	R410A	kg	2.60		2.60		3.20		3.20	
Elevation dif. (in/out)	Max	m	30		30		30		30	
Piping length	Min/Max	m	5 - 50		5 - 50		5 - 50		5 - 50	
Precharge length	Max	m	30		30		30		30	
Additional gas		g/m	50		50		50		50	
Operating range	Cooling Min/Max	°C	-10 / 43		-10 / 43		-10 / 43		-10 / 43	
	Heating Min/Max	°C	-15 / 24		-15 / 24		-15 / 24		-15 / 24	

U-__PEY1E5 Single Phase // U-__PEY1E8 Three Phase

Compatible Indoor Units



S-50PK1E5 / S-60PK1E5



S-50PY1E5 / S-60PY1E5



S-50PU1E5 / S-60PU1E5



S-50PT1E5 / S-60PT1E5



S-50PN1E5 / S-60PN1E5



S-50PF1E5 / S-60PF1E5

Compatible Outdoor Units



U-100PEY1E5 // U-125PEY1E5 // U-100PEY1E8
// U-125PEY1E8

Compatible Indoor Units

			5.0 kW	6.0 kW
Wall			S-50PK1E5	S-60PK1E5
Capacity	Cooling	kW	5.0	6.0
	Heating	kW	5.6	6.0
Dimensions	H x W x D	mm	300 x 1065 x 230	300 x 1065 x 230
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	40 / 36 / 32	47 / 44 / 40
	Heating (Hi/Me/Lo)	dB(A)	40 / 36 / 32	47 / 44 / 40
Air Volume	Cooling / Heating	m ³ /h	840 / 840	1080 / 1080
4 Way 60x60 Cassette			S-50PY1E5	S-60PY1E5
Capacity	Cooling	kW	5.0	10.0
	Heating	kW	5.6	10.0
Dimensions	Indoor H x W x D	mm	283 x 575 x 575	283 x 575 x 575
	Panel H x W x D	mm	30 x 625 x 625	30 x 625 x 625
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	41 / 37 / 33	41 / 37 / 33
	Heating (Hi/Me/Lo)	dB(A)	41 / 37 / 33	41 / 37 / 33
Air Volume	Cooling / Heating	m ³ /h	750 / 750	750
4 Way 90x90 Cassette			S-50PU1E5	S-60PU1E5
Capacity	Cooling	kW	5.0	6.0
	Heating	kW	5.6	6.0
Dimensions	Indoor H x W x D	mm	256 x 840 x 840	256 x 840 x 840
	Panel H x W x D	mm	33.5 x 950 x 950	33.5 x 950 x 950
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	32 / 29 / 27	32 / 29 / 27
	Heating (Hi/Me/Lo)	dB(A)	32 / 29 / 27	32 / 29 / 27
Air Volume	Cooling / Heating	m ³ /h	960 / 960	960 / 960
Low Static Pressure Hide Away			S-50PN1E5	S-60PN1E5
Capacity	Cooling	kW	5.0	6.0
	Heating	kW	5.6	7.0
Dimensions	H x W x D	mm	250 x 780(+100) x 650	250 x 1000(+100) x 650
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	41 / 35	43 / 41 / 36
	Heating (Hi/Me/Lo)	dB(A)	41 / 35	43 / 41 / 36
External static pressure	Nominal (Min-Max)	Pa	80 / 50 / 10	50 (10-80)
Air Volume	Cooling / Heating	m ³ /h	960 / 960	1320 / 1320
Hide Away High Stratic Pressure			S-50PF1E5	S-60PF1E5
Capacity	Cooling	kW	5.0	6.0
	Heating	kW	5.6	6.0
Dimensions	H x W x D	mm	290 x 800 x 700	290 x 1000 x 700
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	34 / 30 / 26	35 / 32 / 26
	Heating (Hi/Me/Lo)	dB(A)	34 / 30 / 26	35 / 32 / 26
External static pressure	High / Medium / Low	Pa	150 / 70 / 10	70 (10-150)
Air Volume	Cooling / Heating	m ³ /h	960 / 960	1260 / 1260
Ceiling			S-50PT1E5	S-60PT1E5
Capacity	Cooling	kW	5.0	6.0
	Heating	kW	5.6	6.0
Dimensions	H x W x D	mm	210 x 910 x 680	210 x 1180 x 680
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	38 / 33 / 30	39 / 36 / 33
	Heating (Hi/Me/Lo)	dB(A)	39 / 34 / 30	40 / 36 / 33
Air Volume	Cooling / Heating	m ³ /h	840 / 840	1140 / 1140

PACi Elite Twin, Triple and Double-Twin System from 3.6 to 14.0 kW

TWIN

TRIPLE

DOUBLE-TWIN

Joint distribution (sold separately)

A= CZ-P155BK1
B= CZ-P3HPC2BM

Equivalent pipe lengths and height differences		Symbols			Spec
		Twin	Triple	Double-Twin	
Total pipe length		L+L1+L2	L+L1+L2+L3	L+L1+L2+L3+L4+L5+L6	U-60/71P: 50 m / U-100/125/140: 75 m
Maximum branch pipe length		L1 or L2	L1 or L2 or L3	L1+L3 or L1+L4 or L2+L5 or L2+L6	Less than 15 m
Maximum branch pipe length differences		L1 > L2 L1-L2	L1 > L2 > L3 L1-L2	L2+L6 → MAX L2+L6 → MIN (L2+L6)-(L1+L3)	Less than 10 m
Maximum pipe length differences of branch pipe 1 (Double-Twin)		—	—	L2 > L1	Less than 10 m
Maximum pipe length differences of branch pipe 1 (Double-Twin)		—	—	L4 > L3 L6 > L5	Less than 10 m
Height difference	Outdoor located higher installation	H1			Less than 30 m
	Outdoor located lower installation	H1			Less than 15 m
Height difference between indoor units		H2	H2 or H3 or H4	H2 or H3 or H4 or H5 or H6 or H7	Less than 0.5 m

Outdoor unit main pipe diameter (mm)	Branch pipe diameter	Indoor unit combination				
Liquid side: Ø 9.52	Liquid side	S-36	S-45	S-50	S-60	S-71
Gas side: Ø 15.88	Gas side	Ø 6.35	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52
Branch pipe kit (option)	TWIN, DOUBLE-TWIN	CZ-P155BK1				
	TRIPLE	CZ-P3HPC2BM				

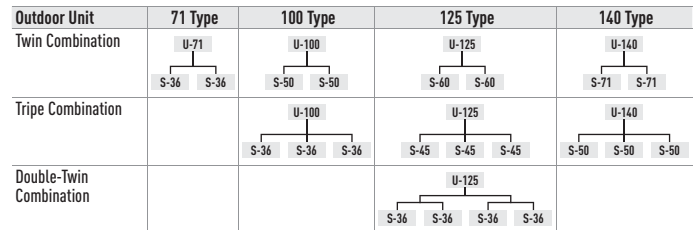
Refrigerant charging: For the twin connection, the amount of refrigerant required for pipe length 30 m has been included in this unit at the factory while that required for pipe length 20 m has been included for the Triple / Double-Twin connections. No additional charge is required for the first 30 m pipe length in the case of the twin connection and for the first 20 m in the case of the Triple / Double-Twin connections. The amount of included refrigerant for each model is listed on NAMA PLATE.

Make additional charges by adding up pipe length in an order of main (L) → branch pipe (L1→L2→L3 wide diameter) and then selecting the amount of refrigerant corresponding to the remaining (after 30 m for the Twin connection and after 20 m for the Triple / Double-Twin connections) liquid side pipe diameter and pipe length from the below table.

Liquid pipe diameter	Addition amount of refrigerant (g/m)
Ø 6.35	20
Ø 9.52	50

Single/Simultaneous operation system combinations

Indoor Outdoor size	6.0 kW	7.1 kW	10.0 kW	12.5 kW	14.0 kW
3.6 kW		Twin		Double-twin	Double-twin
4.5 kW				Triple	
5.0 kW			Twin		Triple
6.0 kW	Single			Twin	
7.1 kW		Single			Twin
10.0 kW			Single		
12.5 kW				Single	
14.0 kW					Single



Compatible Outdoor Units

		7.1 kW	7.1 kW	10.0 kW	10.0 kW	12.5 kW	12.5 kW	14.0 kW	14.0 kW
		U-71PE1E5	U-71PE1E8	U-100PE1E5	U-100PE1E8	U-125PE1E5	U-125PE1E8	U-140PE1E5	U-140PE1E8
Outdoor									
Cooling capacity	Nom. (Min-Max)	kW	7.1 (2.5 - 8.0)	7.1 (2.5 - 8.0)	10.0 (3.3 - 12.5)	10.0 (3.3 - 12.5)	12.5 (3.3 - 14.0)	12.5 (3.3 - 14.0)	14.0 (3.3 - 15.5)
Heating capacity	Nom. (Min-Max)	kW	8.0 (2.0 - 9.0)	8.0 (2.0 - 9.0)	11.2 (4.1 - 14.0)	11.2 (4.1 - 14.0)	14.0 (4.1 - 16.0)	14.0 (4.1 - 16.0)	16.0 (4.1 - 18.0)
Power source		V	220 - 240	380-415	220 - 240	380 - 415	220 - 240	380 - 415	220 - 240
Connection		mm ²	2 x 1.5 or 2.5	2 x 1.5 or 2.5	2 x 1.5 or 2.5	2 x 1.5 or 2.5	2 x 1.5 or 2.5	2 x 1.5 or 2.5	2 x 1.5 or 2.5
Air Volume	Cooling/Heating	m ³ /h	3600 / 3600	3600 / 3600	6600 / 5700	6600 / 5700	7800 / 6600	7800 / 6600	8100 / 7200
Sound pressure Level	Cooling/Heating (Hi)	dB(A)	48 / 50	48 / 50	52 / 52	52 / 52	53 / 53	53 / 53	54 / 55
Sound power Level	Cooling/Heating (Hi)	dB	65 / 67	65 / 67	69 / 69	69 / 69	70 / 70	70 / 70	71 / 71
Dimensions (Net weight)	H x W x D	mm (kg)	996 x 940 x 340 (69)	996 x 940 x 340 (69)	1416 x 940 x 340 (98)	1416 x 940 x 340 (98)	1416 x 940 x 340 (98)	1416 x 940 x 340 (98)	1416 x 940 x 340 (98)
Piping connections	Liquid pipe / Gas pipe	Inch (mm)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)	3/8 (9.52) / 5/8 (15.88)
Refrigerant Loading	R410A	kg	2.35	2.35	3.4	3.4	3.4	3.4	3.4
Elevation dif. (in/out)	Max	m	30	30	30	30	30	30	30
Piping length	Min/Max	m	5 - 50	5 - 50	5 - 75	5 - 75	5 - 75	5 - 75	5 - 75
Precharge length	Max	m	30	30	30	30	30	30	30
Additional gas		g/m	50	50	50	50	50	50	50
Operating range	Cooling Min/Max	°C	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
	Heating Min/Max	°C	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24	-20 / 24

U_ _ E1E5 Single Phase // U_ _ E1E8 Three Phase

Compatible Indoor Units



S-36PK1E5 / S-45PK1E5 / S-50PK1E5 / S-60PK1E5 / S-71PK1E5



S-36PU1E5 / S-45PU1E5 / S-50PU1E5 / S-60PU1E5 / S-71PU1E5



S-36PN1E5 / S-45PN1E5 / S-50PN1E5 / S-60PN1E5 / S-71PN1E5



S-36PY1E5 / S-45PY1E5 / S-50PY1E5



S-36PT1E5 / S-45PT1E5 / S-50PT1E5 / S-60PT1E5 / S-71PT1E5



S-36PF1E5 / S-45PF1E5 / S-50PF1E5 / S-60PF1E5 / S-71PF1E5

Compatible Outdoor Units



U-71PE1E5 / U-71PE1E8



U-100PE1E5 / U-100PE1E8 / U-125PE1E5 / U-125PE1E8 / U-140PE1E5 / U-140PE1E8

Compatible Indoor Units

			3.6 kW	4.6 kW	5.0 kW	6.0 kW	7.1 kW
Wall			S-36PK1E5	S-45PK1E5	S-50PK1E5	S-60PK1E5	S-71PK1E5
Capacity	Cooling	kW	3.6	4.5	5.0	6.0	7.1
	Heating	kW	4.2	5.2	5.6	7.0	8.0
Dimensions	H x W x D	mm	300 x 1065 x 230	300 x 1065 x 230	300 x 1065 x 230	300 x 1065 x 230	300 x 1065 x 230
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	35 / 31 / 27	38 / 34 / 30	40 / 36 / 32	47 / 44 / 40	47 / 44 / 40
	Heating (Hi/Me/Lo)	dB(A)	35 / 31 / 27	38 / 34 / 30	40 / 36 / 32	47 / 44 / 40	47 / 44 / 40
Air Volume	Cooling / Heating	m ³ /h	660 / 660	720 / 720	840 / 840	1080 / 1080	1080 / 1080
4 Way 60x60 Cassette			S-36PY1E5	S-45PY1E5	S-50PY1E5		
Capacity	Cooling	kW	3.6	4.5	5.0		
	Heating	kW	4.2	5.2	5.6		
Dimensions	Indoor H x W x D	mm	283 x 575 x 575	283 x 575 x 575	283 x 575 x 575		
	Panel H x W x D	mm	30 x 625 x 625	30 x 625 x 625	30 x 625 x 625		
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	32 / 29 / 26	36 / 32 / 28	41 / 37 / 33		
	Heating (Hi/Me/Lo)	dB(A)	32 / 29 / 26	36 / 32 / 28	41 / 37 / 33		
Air Volume	Cooling / Heating	m ³ /h	540 / 540	636 / 636	750 / 750		
4 Way 90x90 Cassette			S-36PU1E5	S-45PU1E5	S-50PU1E5	S-60PU1E5	S-71PU1E5
Capacity	Cooling	kW	3.6	4.5	5.0	6.0	7.1
	Heating	kW	4.2	5.2	5.6	7.0	8.0
Dimensions	Indoor H x W x D	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840
	Panel H x W x D	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	30 / 28 / 27	31 / 28 / 27	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28
	Heating (Hi/Me/Lo)	dB(A)	30 / 28 / 27	31 / 28 / 27	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28
Air Volume	Cooling / Heating	m ³ /h	840 / 840	900 / 900	960 / 960	1260 / 1260	1320 / 1320
Low Static Pressure Hide Away			S-36PN1E5	S-45PN1E5	S-50PN1E5	S-60PN1E5	S-71PN1E5
Capacity	Cooling	kW	3.6	4.5	5.0	6.0	7.1
	Heating	kW	4.2	5.2	5.6	7.0	8.0
Dimensions	H x W x D	mm	250 x 780(+100) x 650	250 x 780(+100) x 650	250 x 780(+100) x 650	250 x 1000(+100) x 650	250 x 1000(+100) x 650
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	40 / 35	41 / 35	41 / 35	43 / 41 / 36	43 / 41 / 36
	Heating (Hi/Me/Lo)	dB(A)	40 / 35	41 / 35	41 / 35	43 / 41 / 36	43 / 41 / 36
External static pressure	High / Medium / Low	Pa	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10
Air Volume	Cooling / Heating	m ³ /h	840 / 840	960 / 960	960 / 960	1320 / 1320	1320 / 1320
Hide Away High Stratic Pressure			S-36PF1E5	S-45PF1E5	S-50PF1E5	S-60PF1E5	S-71PF1E5
Capacity	Cooling	kW	3.6	4.5	5.0	6.0	7.1
	Heating	kW	4.2	5.2	5.6	7.0	8.0
Dimensions	H x W x D	mm	290 x 800 x 700	290 x 800 x 700	290 x 800 x 700	290 x 1000 x 700	290 x 1000 x 700
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	33 / 29 / 25	34 / 30 / 26	34 / 30 / 26	35 / 32 / 26	35 / 32 / 26
	Heating (Hi/Me/Lo)	dB(A)	33 / 29 / 25	34 / 30 / 26	34 / 30 / 26	35 / 32 / 26	35 / 32 / 26
External static pressure	High / Medium / Low	Pa	150 / 70 / 10	150 / 70 / 10	150 / 70 / 10	150 / 70 / 10	150 / 70 / 10
Air Volume	Cooling / Heating	m ³ /h	840 / 840	840 / 840	960 / 960	1260 / 1260	1260 / 1260
Ceiling			S-36PT1E5	S-45PT1E5	S-50PT1E5	S-60PT1E5	S-71PT1E5
Capacity	Cooling	kW	3.6	4.5	5.0	6.0	7.1
	Heating	kW	4.2	5.2	5.6	7.0	8.0
Dimensions	H x W x D	mm	210 x 910 x 680	210 x 910 x 680	210 x 910 x 680	210 x 1180 x 680	210 x 1180 x 680
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	35 / 32 / 30	38 / 33 / 30	38 / 33 / 30	39 / 36 / 33	39 / 36 / 33
	Heating (Hi/Me/Lo)	dB(A)	36 / 32 / 30	39 / 34 / 30	39 / 34 / 30	40 / 36 / 33	40 / 36 / 33
Air Volume	Cooling / Heating	m ³ /h	720 / 720	840 / 840	840 / 840	1140 / 1140	1140 / 1140

PACi Elite Twin, Triple and Double-Twin System from 20 to 25 kW

Up to 4 indoor units connectable on the same outdoor. Panasonic's PACi units 200 and 250 can be installed as twin, triple and double-twin systems. The indoor units can be combined following the selection table. The operation will always be simultaneous. All the indoor units will work with the same settings.

SINGLE

TWIN

TRIPLE

DOUBLE-TWIN

Joint distribution (sold separately)

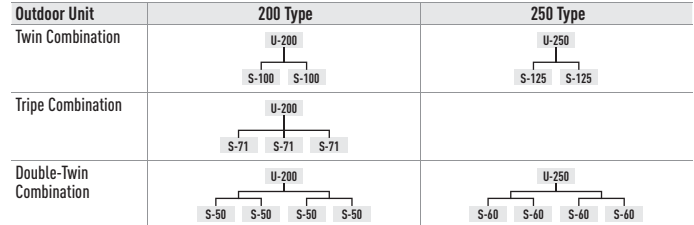
A=CZ-P680BK2BM
C=CZ-P155BK1BM

Item	Contents		Symbol	Actual length (m)			
	Single	Twin		Triple	Double-Twin		
Allowable tubing lengths	Maximum allowable tubing length	One-way length of tubing from outdoor unit to the most distant indoor unit	L	L + Q1 L + Q2	L + Q1 L + Q2 L + Q3	L + L1 + Q1 L + L1 + Q2 L + L2 + Q3 L + L2 + Q4	≤ 100
	Maximum distribution tubing length	Maximum length following the first branch point (No. 1 distribution)	-	Q1 Q2	Q1 Q2 Q3	L1 + Q1 L1 + Q2 L2 + Q3 L2 + Q4	≤ 20
		Maximum length following the second branch point (double twin)	-	-	-	Q1 Q2 Q3 Q4	≤ 15
Sum Total Length	Maximum allowable tubing length and the sum total of other tubing	-	-	L + Q1 + Q2 + Q3	L + L1 + L2 + Q1 + Q2 + Q3 + Q4	≤ 120	
Maximum branch tubing length	Difference between the maximum length and minimum length in tubing following the first branch point	-	-	Q1 > Q2 Q1 - Q2	Q1 > Q2 > Q3 Q1 - Q3	Max.: L2 + Q2 // Min.: L1 + Q1 (L2 + Q4) - (L1 + Q1)	≤ 15
Maximum difference between lengths of No. 1 distribution tubing (double twin)		-	-	-	L2 > L1 // L2 - L1	≤ 10	
Maximum allowable height difference	Maximum I.U. - O.U. height difference	If outdoor unit is higher	H1	-	-	≤ 30	
	Maximum height difference between indoor units	If outdoor unit is lower	-	H2	H2 H3 H4	≤ 0.5	

	Main tubing (L)		Double-twin distribution tube (L1, L2)		Indoor unit connection tube (Q1, Q2, Q3, Q4)	
	200	250	Total type capacity of indoor unit connected after the branch		60-140	36-50
Type capacity of indoor unit	200	250	100 - 140		60-140	36-50
Gas tube	Ø25.4	Ø25.4	Ø15.88		Ø15.88	Ø12.7
Liquid tube	Ø9.52	Ø12.7	Ø9.52		Ø9.52	Ø6.35
Amount of additional charge per 1 m	40 g	80 g	40 g		40 g	20 g

Single/Simultaneous operation system combinations

Indoor size / Outdoor size	20.0 kW	25.0 kW
3.6 kW		
4.5 kW		
5.0 kW	Double-twin	
6.0 kW		Double-twin
7.1 kW	Triple	
10.0 kW	Twin	
12.5 kW		Twin
14.0 kW		
20.0 kW	Single	
25.0 kW		Single



Compatible Outdoor Units

			20.0 kW	25.0 kW
Outdoor			U-200PE1E8	U-250PE1E8
Cooling capacity	Nom. (Min-Max)	kW	20.0 (6.0-22.4)	25.0 (6.0-28.0)
Heating capacity	Nom. (Min-Max)	kW	21.8 (6.0-22.4)	28.0 (6.0-31.5)
Power source	V / ph / Hz		380 / 415 / 3+N / 50/60	380 / 415 / 3+N / 50/60
Recommended fuse			15A	20A
Recommended cable size		m	14	14
Air Volume	Cooling/Heating	m³/h	7740	7080
Sound pressure level	Cooling / Heating (Hi)	dB(A)	57 / 57	57 / 58
Sound power level	(Hi)	dB	72	73
Dimensions / Net weight	H x W x D	mm / kg	1526 x 940 x 340 / 118	1526 x 940 x 340 / 128
Refrigerant circuit				
Tube diameter Narrow/Wide	mm (inch)		9.52 (3/8) / 25.4 (1)	12.7 (1/2) / 25.4 (1)
Max piping length	m		100	100
Amount of additional refrigerant	g/m		40	80
Piping connections	Liquid / Gas pipe	mm (Inch)	9.52 (3/8) / 25.4 (1)	12.7 (1/2) / 25.4 (1)
Refrigerant loading			5.3	6.5
Elevation dif. (in/out)	Max	m	30	30
Piping length	Min-Max	m	5-100	5-100
Precharge length	Max	m	30	30
Additional charge		g/m	40	80
Operating range	Cooling Min/Max	°C	-15 / 43	-15 / 43
	Heating Min/Max	°C	-20 / 15	-20 / 15

U-__E1E5 Single Phase // U-__E1E8 Three Phase

Compatible Indoor Units



S-50PK1E5 / S-60PK1E5 / S-71PK1E5



S-50PY1E5



S-50PU1E5 / S-60PU1E5 / S-71PU1E5 / S-100PU1E5 / S-125PU1E5



S-50PT1E5 / S-60PT1E5 / S-71PT1E5 / S-100PT1E5 / S-125PT1E5



S-50PN1E5 / S-60PN1E5 / S-71PN1E5 / S-100PN1E5 / S-125PN1E5



S-50PF1E5 / S-60PF1E5 / S-71PF1E5 / S-100PF1E5 / S-125PF1E5

Compatible Outdoor Units



U-200PE1E8 / U-250PE1E8

Compatible Indoor Units

			5.0 kW	6.0 kW	7.1 kW	10.0 kW	12.5 kW
Wall			S-50PK1E5		S-60PK1E5		S-71PK1E5
Capacity	Cooling	kW	5.0	6.0	7.1		
	Heating	kW	5.6	7.0	8.0		
Dimensions	H x W x D	mm	300 x 1065 x 230		300 x 1065 x 230		300 x 1065 x 230
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	40 / 36 / 32		47 / 44 / 40		47 / 44 / 40
	Heating (Hi/Me/Lo)	dB(A)	40 / 36 / 32		47 / 44 / 40		47 / 44 / 40
Air Volume	Cooling / Heating	m ³ /h	840 / 840		1080 / 1080		1080 / 1080
4 Way 60x60 Cassette			S-50PY1E5				
Capacity	Cooling	kW	5.0				
	Heating	kW	5.6				
Dimensions	Indoor H x W x D	mm	283 x 575 x 575				
	Panel H x W x D	mm	30 x 625 x 625				
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	41 / 37 / 33				
	Heating (Hi/Me/Lo)	dB(A)	41 / 37 / 33				
Air Volume	Cooling / Heating	m ³ /h	750 / 750				
4 Way 90x90 Cassette			S-50PU1E5	S-60PU1E5	S-71PU1E5	S-100PU1E5	S-125PU1E5
Capacity	Cooling	kW	5.0	6.0	7.1	10.0	12.5
	Heating	kW	5.6	7.0	8.0	11.2	14.0
Dimensions	Indoor H x W x D	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel H x W x D	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33
	Heating (Hi/Me/Lo)	dB(A)	32 / 29 / 27	36 / 31 / 28	37 / 31 / 28	44 / 38 / 32	45 / 39 / 33
Air Volume	Cooling / Heating	m ³ /h	960 / 960	1.260 / 1.260	1.320 / 1.320	1.980 / 1.980	2.100 / 2.100
Low Static Pressure Hide Away			S-50PN1E5	S-60PN1E5	S-71PN1E5	S-100PN1E5	S-125PN1E5
Capacity	Cooling	kW	5.0	6.0	7.1	10.0	12.5
	Heating	kW	5.6	7.0	8.0	11.2	14.0
Dimensions	H x W x D	mm	250 x 780(+100) x 650	250 x 1000(+100) x 650	250 x 1000(+100) x 650	250 x 1200(+100) x 650	250 x 1200(+100) x 650
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	41 / 35	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	46 / 44 / 39
	Heating (Hi/Me/Lo)	dB(A)	41 / 35	43 / 41 / 36	43 / 41 / 36	44 / 42 / 37	46 / 44 / 39
External static pressure	High / Medium / Low	Pa	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10	80 / 50 / 10
Air Volume	Cooling / Heating	m ³ /h	960 / 960	1320 / 1320	1320 / 1320	2160 / 2160	2400 / 2400
Hide Away High Stratic Pressure			S-50PF1E5	S-60PF1E5	S-71PF1E5	S-100PF1E5	S-125PF1E5
Capacity	Cooling	kW	5.0	6.0	7.1	10.0	12.5
	Heating	kW	5.6	7.0	8.0	11.2	14.0
Dimensions	H x W x D	mm	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
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	34 / 30 / 26	35 / 32 / 26	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32
	Heating (Hi/Me/Lo)	dB(A)	34 / 30 / 26	35 / 32 / 26	35 / 32 / 26	38 / 34 / 31	39 / 35 / 32
External static pressure	High / Medium / Low	Pa	150 / 70 / 10	150 / 70 / 10	150 / 70 / 10	150 / 100 / 10	150 / 100 / 10
Air Volume	Cooling / Heating	m ³ /h	960 / 960	1260 / 1260	1260 / 1260	1920 / 1920	2040 / 2040
Ceiling			S-50PT1E5	S-60PT1E5	S-71PT1E5	S-100PT1E5	S-125PT1E5
Capacity	Cooling	kW	5.0	6.0	7.1	10.0	12.5
	Heating	kW	5.6	7.0	8.0	11.2	14.0
Dimensions	H x W x D	mm	210 x 910 x 680	210 x 1180 x 680	210 x 1180 x 680	210 x 1180 x 680	210 x 1595 x 680
Sound pressure level	Cooling (Hi/Me/Lo)	dB(A)	38 / 33 / 30	39 / 36 / 33	39 / 36 / 33	42 / 38 / 35	45 / 40 / 37
	Heating (Hi/Me/Lo)	dB(A)	39 / 34 / 30	40 / 36 / 33	40 / 36 / 33	42 / 38 / 35	46 / 41 / 38
Air Volume	Cooling / Heating	m ³ /h	840 / 840	1140 / 1140	1140 / 1140	1980 / 1980	2100 / 2100