

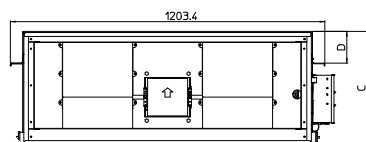
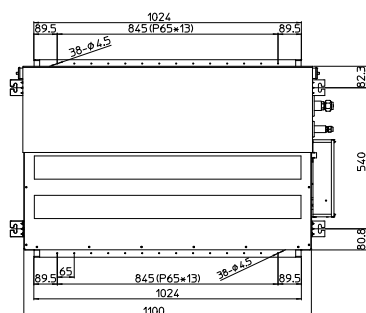
Specifications of R32 Compact Model



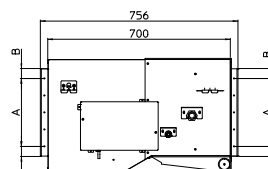
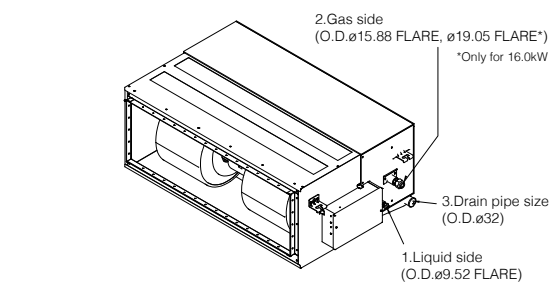
Capacity			6.0kW	7.1kW	10.0kW
Model Name	Indoor Unit		S-60PE1R5B	S-71PE1R5B	S-100PE1R5B
	Outdoor Unit		U-60PZ2R5	U-71PZ2R5	U-100PZ2R5
Cooling capacity : Heating capacity		kW	6.0 (2.0 - 7.1) 6.0 (1.8 - 7.6)	7.1 (2.0 - 8.0) 7.1 (1.8 - 8.6)	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)
		BTU/h	20,500 (6,800 - 24,200) 20,500 (6,100 - 25,900)	24,200 (6,800 - 27,300) 24,200 (6,100 - 29,300)	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)
EER : COP	Cooling : Heating	W/W	3.23 : 3.92	3.18 : 4.06	3.44 : 3.89
Total power input	Cooling : Heating	kW	1.86 : 1.53	2.23 : 1.75	3.00 : 2.57
Indoor Unit					
Power source		Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
		V	240V	240V	240V
Current	Cooling : Heating	A	0.86 : 0.86	1.25 : 1.25	1.74 : 1.74
Dimensions	H x W x D	mm	290x1,100 (+100)x700	360x1,100 (+100)x700	360x1,100(+100)x700
Net weight		kg	35	42	44
Air volume	Cooling : Heating	L/s	366 : 366	500 : 500	666 : 666
External static pressure		Pa	70 (Max.100)	100 (Max.150)	100 (Max.150)
Sound pressure level (H/M/L)	Cooling : Heating	dB(A)	43 / 41 / 40 : 43 / 41 / 40	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44
Sound power level (H/M/L)	Cooling : Heating	dB(A)	60 / 58 / 57 : 60 / 58 / 57	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66
Number of fan speeds			3	3	3
Drain pipe size		mm	VP-25	VP-25	VP-25
Outdoor Unit					
Power source		Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
		V	240V	240V	240V
Current	Cooling : Heating	A	7.70 : 6.15	8.90 : 6.75	11.0 : 9.50
Dimensions	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370
Net weight		kg	44	44	90
Air volume	Cooling : Heating	L/s	750 : 750	867 : 750	1,285 : 1,169
Sound pressure level (Silent mode)	Cooling : Heating	dB(A)	46 (44) : 48 (46)	49 (47) : 49 (47)	52 (50) : 52 (50)
Sound power level (Silent mode)	Cooling : Heating	dB(A)	65 (63) : 66 (64)	67 (65) : 67 (65)	68 (66) : 67 (65)
Piping connections	Liquid/Gas	m	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length	min. - max.	m	3 - 40	3 - 40	5 - 50
Elevation difference (OU located lower, OU located higher)		m	15, 30	15, 30	15, 30
Maximum chargeless length		m	30	30	30
Refrigerant at shipping, Additional gas amount		g	R32, 1,450, 35 (g/m)	R32, 1,450, 35 (g/m)	R32, 2,600, 45 (g/m)
Operation ranges	Cooling : Heating	°C	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24

HIGH STATIC PRESSURE DUCTED

Dimensions (6.0kW – 16.0kW)



unit: mm



model	A	B	C	D
S-60PE1R5B	130	33.1	290	118
S-71PE1R5B	195	35.7	360	50
S-100PE1R5B				
S-125PE1R5B	260	38.2	430	121.5
S-140PE1R5B				
S-160PE1R5A				



		12.5kW		14.0kW		16.0kW
	S-100PE1R5B	S-125PE1R5B	S-125PE1R5B	S-140PE1R5B	S-140PE1R5B	S-160PE1R5A
	U-100PZ2R8	U-125PZ2R5	U-125PZ2R8	U-140PZ2R5	U-140PZ2R8	U-160PE2R8A
	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)	16.0 (5.4 - 18.0) 18.0 (5.6 - 20.0)
	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)	54,600 (18,400 - 61,400) 61,400 (19,100 - 68,200)
	3.44 : 3.89	3.30 : 4.00	3.30 : 4.00	3.15 : 3.66	3.15 : 3.66	3.09 : 3.52
	3.00 : 2.57	3.79 : 3.125	3.79 : 3.125	4.44 : 3.825	4.44 : 3.825	5.18 : 5.11
	1 Phase/ 50Hz 240V	1 Phase/ 50Hz 240V	1 Phase/ 50Hz 240V	1 Phase/ 50Hz 240V	1 Phase/ 50Hz 240V	1 Phase/ 50Hz 240V
	1.74 : 1.74	1.84 : 1.84	1.84 : 1.84	2.70 : 2.70	2.70 : 2.70	2.70 : 2.70
	360x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700	430x1,100(+100)x700
	44	48	48	53	53	53
	666 : 666	833 : 833	833 : 833	1,000 : 1,000	1,000 : 1,000	1,000 : 1,000
	100 (Max.150)	100 (Max.150)	100 (Max.150)	100 (Max.150)	100 (Max.150)	100 (Max.150)
	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47
	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69
	3	3	3	3	3	3
	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25
	3 Phase/ 50Hz 415V	1 Phase/ 50Hz 240V	3 Phase/ 50Hz 415V	1 Phase/ 50Hz 240V	3 Phase/ 50Hz 415V	3 Phase/ 50Hz 415V
	3.75 : 3.24	14.9 : 12.0	4.95 : 4.00	17.2 : 14.1	5.75 : 4.70	7.00 : 6.90
	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	1,500 x 980 x 370
	90	94	94	94	94	127
	1,285 : 1,169	1,436 : 1,302	1,436 : 1,302	1,486 : 1,386	1,486 : 1,386	2,733 : 2,733
	52 (50) : 52 (50)	55 (53) : 55 (53)	55 (53) : 55 (53)	56 (54) : 56 (54)	56 (54) : 56 (54)	56 (57) : 61 (59)
	68 (66) : 67 (65)	70 (68) : 70 (68)	70 (68) : 70 (68)	71 (69) : 71 (69)	71 (69) : 71 (69)	77 (75) : 79 (77)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø19.05
	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
	15, 30	15, 30	15, 30	15, 30	15, 30	30, 30
	30	30	30	30	30	30
	R32, 2,600, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)	R32, 2,980, 45 (g/m)	R410A, 5,600, 50 (g/m)
	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-10 to 43 : -15 to 24	-15 to 46 : -20 to 24



NEW


S-180PE3R5
S-200PE3R5
S-224PE3R5



CZ-RTC5B



CZ-RTC4

Specifications of R410A Model



Capacity		18.0kW	20.0kW	22.4kW
Model Name	Indoor Unit	S-180PE3R5	S-200PE3R5	S-224PE3R5
	Outdoor Unit	U-180PE2R8A	U-200PE2R8A	U-224PE2R8A
Cooling capacity : Heating capacity	kW	18.0 (5.4-20.0) 20.0 (5.6-22.4)	20.0 (6.3-22.4) 22.4 (7.1-25.0)	22.4 (6.3-25.0) 25.0 (7.1-28.0)
	BTU/h	61,400 (18,400-68,200) 68,200 (19,100-76,400)	68,200 (21,500-76,400) 76,400 (24,200-85,300)	76,400 (21,500-85,300) 85,300 (24,200-95,500)
EER : COP	Cooling : Heating W/W	3.02 : 3.53	3.12 : 3.61	3.00 : 3.52
Total power input	Cooling : Heating kW	5.96 : 5.66	5.99 : 6.20	6.21 : 7.10
Indoor Unit				
Power source	Phase/Hz	1 Phase/ 50Hz	1 Phase/ 50Hz	1 Phase/ 50Hz
	V	240V	240V	240V
Current	Cooling : Heating A	3.00 : 3.00	3.20 : 3.20	4.10 : 4.10
Dimensions	H x W x D mm	486 x 1456 x 916	486 x 1456 x 916	486 x 1456 x 916
Heat exchanger	H x W x D mm	486 x 1,456 x 558	487 x 1,456 x 558	488 x 1,456 x 558
Fan	H x W x D mm	377 x 1,150 x 427	377 x 1,150 x 427	377 x 1,150 x 427
Case	H x W x D mm	434 x 1,178 x 360	434 x 1,178 x 360	434 x 1,178 x 360
Net weight	kg	85	86	88
Air volume	Cooling : Heating L/s	1,200 : 1,200	1,200 : 1,200	1,400 : 1,400
External static pressure	Pa	60 (Max.150)	75 (Max.180)	75 (Max.200)
Sound pressure level (H/M/L)	Cooling : Heating dB(A)	46 / 44 / 41 : 46 / 44 / 41	46 / 44 / 41 : 46 / 44 / 41	47 / 45 / 42 : 47 / 45 / 42
Sound power level (H/M/L)	Cooling : Heating dB(A)	78 / 76 / 73 : 78 / 76 / 73	78 / 76 / 73 : 78 / 76 / 73	79 / 77 / 74 : 79 / 77 / 74
Number of fan speeds		3	3	3
Drain pipe size	mm	VP-25	VP-25	VP-25
Outdoor Unit				
Power source	Phase/Hz	3 Phase/ 50Hz	3 Phase/ 50Hz	3 Phase/ 50Hz
	V	415V	415V	415V
Current	Cooling : Heating A	8.25 : 7.80	8.75 : 8.55	9.90 : 9.50
Dimensions	H x W x D mm	1500 x 980 x 370	1500 x 980 x 370	1500 x 980 x 370
Net weight	kg	127	138	138
Air volume	Cooling : Heating L/s	2,733 : 2,733	2,666 : 2,666	2,666 : 2,666
Sound pressure level (Silent mode)	Cooling : Heating dB(A)	59 (57) : 61 (59)	60 (58) : 62 (60)	60 (58) : 62 (60)
Sound power level (Silent mode)	Cooling : Heating dB(A)	77 (75) : 79 (77)	79 (77) : 81 (79)	79 (77) : 81 (79)
Piping connections	Liquid/Gas m	Ø9.52 / Ø19.05	Ø12.7 / Ø19.05	Ø12.7 / Ø19.05
Pipe length	min. - max. m	5 - 50	5 - 50	5 - 50
Elevation difference (OU located lower, OU located higher)	m	30, 30	30, 30	30, 30
Maximum chargeless length	m	30	30	30
Refrigerant at shipping, Additional gas amount	g	R410A, 5,600, 50 (g/m)	R410A, 6,400, 80 (g/m)	R410A, 6,400, 80 (g/m)
Operation ranges	Cooling : Heating °C	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24