

MULTI-SPLIT SYSTEM

■ SPECIFICATIONS

Item	Model	For two rooms		For three rooms		
		SCM40ZS-S	SCM45ZS-S	SCM50ZS-S1	SCM60ZM-S1	
Power Source		1Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)	kW	4.0(1.5~5.9)	4.5(1.5~6.4)	5.0(1.8~7.1)	6.0(1.8~7.5)	
Nominal heating capacity (Min~Max)	kW	4.5(1.3~6.3)	5.3(1.3~6.5)	6.0(1.4~7.5)	6.8(1.5~7.8)	
Power Consumption	Cooling	kW	0.84(0.59~2.13)	1.04(0.59~2.30)	1.05(0.60~2.15)	1.43(0.50~2.39)
	Heating	kW	0.90(0.54~1.70)	1.15(0.54~1.92)	1.21(0.55~2.58)	1.45(0.60~3.00)
EER	Cooling		4.76	4.33	4.76	4.20
COP	Heating		5.00	4.61	4.96	4.69
Max. running current	A	14	14	14	17	
Sound power level	Cooling	dB(A)	62	62	61	63
	Heating	dB(A)	64	64	63	65
Sound pressure level	Cooling	dB(A)	48	49	48	50
	Heating	dB(A)	50	50	50	52
Air flow	Cooling	m ³ /min	32.5	32.5	41.0	42.0
	Heating	m ³ /min	32.5	32.5	41.0	42.0
Exterior dimensions (H×W×D)	mm	595×780(+90)×290		640×850(+65)×290		
Net weight	kg	42.0	42.0	49.0	49.5	
Refrigerant	Type/GWP	R410A/2088				
	Charge	kg/TCO ₂ Eq	1.9/3.967		2.5/5.22	
Refrigerant piping size	Liquid	Φmm	6.35(1/4")×2		6.35(1/4")×3	
	Gas	Φmm	9.52(3/8")×2		9.52(3/8")×3	
Outdoor operating temperature range	Cooling	°C	-15~43			
	Heating	°C	-15~24			
Number of Connectable indoor units		2	2	Min.2~Max.3	Min.2~Max.3	
Total indoor units capacity	kW	6.0	7.0	8.5	11.0	

Item	Model	For four rooms		For five/six rooms		
		SCM71ZM-S1	SCM80ZM-S1	SCM100ZM-S	SCM125ZM-S	
Power Source		1Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)	kW	7.1(1.8~8.8)	8.0(1.8~9.2)	10.0(1.8~12.0)	12.5(1.8~14.0)	
Nominal heating capacity (Min~Max)	kW	8.6(1.5~9.4)	9.3(1.5~9.8)	12.0(1.5~13.5)	13.5(1.5~14.0)	
Power Consumption	Cooling	kW	1.58(0.48~2.75)	1.95(0.48~2.83)	2.86(0.65~4.03)	3.90(0.65~4.80)
	Heating	kW	2.00(0.60~3.35)	2.26(0.60~3.43)	2.93(0.70~3.40)	3.25(0.70~3.42)
EER	Cooling		4.49	4.10	3.50	3.21
COP	Heating		4.30	4.12	4.10	4.15
Max. running current	A	20	20	29	29	
Sound power level	Cooling	dB(A)	63	66	68	69
	Heating	dB(A)	66	66	71	72
Sound pressure level	Cooling	dB(A)	50	54	56	57
	Heating	dB(A)	54	54	59	60
Air flow	Cooling	m ³ /min	50.0	56.0	75.0	75.0
	Heating	m ³ /min	56.0	56.0	75.0	82.0
Exterior dimensions (H×W×D)	mm	750×880(+73)×340		945×970(+73)×370		
Net weight	kg	62.0		92.0		
Refrigerant	Type/GWP	R410A/2088				
	Charge	kg/TCO ₂ Eq	3.15/6.577		6.0/12.528	
Refrigerant piping size	Liquid	Φmm	6.35(1/4")×4		6.35(1/4")×5	
	Gas	Φmm	9.52(3/8")×4		9.52(3/8")×5	
Outdoor operating temperature range	Cooling	°C	-15~43			
	Heating	°C	-15~24			
Number of Connectable indoor units		Min.2~Max.4	Min.2~Max.4	Min.4*~Max.5	Min.4*~Max.6	
Total indoor units capacity	kW	12.5	13.5	16.0	19.5	

* The data are measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

* Sound level Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

* 'tonne(s) of CO₂ equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.

* In case of SRK71ZR+SRK71ZR, 2 Indoor units can be connectable. In case of the combination with SRK-ZSX, SRK71ZR & FDE50VH, only 3 indoor units can be connectable. The total connecting capacity of indoor units should be between 100 ~ 160.

■ OPTION

Wired remote control



RC-EX3A



RC-E5



RCH-E3

Wireless remote control



RCN-TC-24W-E2



RCN-KIT4-E2



RCN-E-E3