



MULTI-SPLIT SYSTEM

Outdoor Units

Powerful, efficient and silent outdoor units are available in 8 sizes and able to combine up to 6 indoor units.

SCM40,45ZS-S



SCM71,80ZM-S1



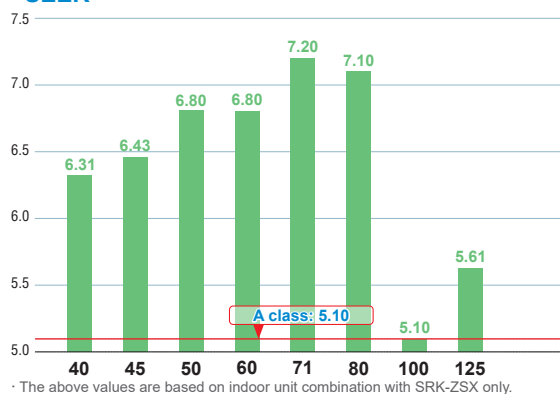
SCM50ZS-S1
SCM60ZM-S1



SCM100,125ZM-S



SEER



SCOP



Comfort

By the application of the Twin Rotary compressor, the outdoor units have low noise levels.

All the units also operate in heating and cooling mode with an outdoor temperature limit of -15°C.

Silent operation is in SCM50, 60, 71, 80 type.

Installation Flexibility

With a generous maximum piping length of 90m*, you are given greater freedom to decide where the indoor units will be installed to optimise interior space and convenience.

	SCM40/ 45ZS-S	SCM50ZS-S1/ SCM60ZM-S1	SCM71/ 80ZM-S1	SCM100/ 125ZM-S
length for one indoor unit	under 25m	under 25m	under 25m	under 25m
total length for all rooms	under 30m	under 40m	under 70m	under 90m*
height difference	Outdoor unit is higher	under 15m	under 20m	under 20m
	Outdoor unit is lower	under 15m	under 20m	under 20m
	Max height difference between indoor units	under 25m	under 25m	under 25m
length of chargeless refrigerant pipe	30m	40m	40m	50m

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		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		64	64	63	65
Sound pressure level	Cooling	dB(A)	48	49	48	50
	Heating		50	51	50	52
Air flow	Cooling	m³/min	32.5	32.5	41.0	42.0
	Heating		32.5	32.5	41.0	42.0
Exterior dimensions (Height x Width x Depth)		mm	595 x 780(+90) x 290		640 x 850(+65) x 290	
Net weight		kg	42.0		49.0	49.5
Refrigerant	Type/GWP		R410A / 2088			
	Charge	kg/TCOEq	1.9 / 3.967		2.5 / 5.22	
Refrigerant piping size	Liquid	ø mm	6.35(1/4") x2		6.35(1/4") x3	
	Gas		9.52(3/8") x2		9.52(3/8") x3	
Outdoor operating temperature range	Cooling	°CDB	-15 to 43			
	Heating		-15 to 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		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		66	66	71	72
Sound pressure level	Cooling	dB(A)	50	54	56	57
	Heating		54	54	59	60
Air flow	Cooling	m³/min	50.0	56.0	75.0	75.0
	Heating		56.0	56.0	75.0	82.0
Exterior dimensions (Height x Width x Depth)		mm	750 x 880(+73) x 340		945 x 970(+73) x 370	
Net weight		kg	62.0		92.0	
Refrigerant	Type/GWP		R410A / 2088			
	Charge	kg/TCOEq	3.15 / 6.577		6.0 / 12.528	
Refrigerant piping size	Liquid	ø mm	6.35(1/4") x4		6.35(1/4") x5	6.35(1/4") x6
	Gas		9.52(3/8") x4		9.52(3/8") x5	9.52(3/8") x6
Outdoor operating temperature range	Cooling	°CDB	-15 to 43			
	Heating		-15 to 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. (SCM100ZM-S, SCM125ZM-S)