

Item			Model	SCM60ZS-W		
Cooling capacity (1)			W	6000 ( 1700 (Min.) - 7500 (Max.))		
Heating capacity (1)			W	6800 ( 1000 (Min.) - 7800 (Max.))		
Heating capacity (H2)			W	—		
Power source				1 Phase, 220 - 240 V, 50Hz/ 220V, 60Hz		
Operation data (1)	Power consumption	Cooling	kW	1.32 ( 0.43 - 2.28 )		
		Heating		1.40 ( 0.32 - 2.80 )		
		Heating (H2)		—		
	Running current	Cooling	A	6.1 / 5.8 / 5.6 (220/ 230/ 240 V)		
		Heating		6.4 / 6.1 / 5.9 (220/ 230/ 240 V)		
	Inrush current, max current			5.0 Max. 15		
	EER	Cooling		4.55		
	COP	Heating		4.86		
		Heating (H2)		—		
	Sound power level	Cooling	dB	62		
		Heating		64		
	Sound pressure level	Cooling	dB(A)	50		
		Heating		52		
	Silent mode	Cooling		43		
Heating			44			
Exterior dimensions (Height x Width x Depth)			mm	640 x 850(+65) x 290		
Exterior appearance (Munsell color)				Stucco white ( 4.2Y 7.5/1.1 ) near equivalent		
Net weight			kg	48.5		
Refrigerant equipment	Compressor type & Q'ty			RMT5113SBE1 ( Twin rotary type ) x 1		
	Motor (Starting method)		kW	1.4 ( Line starting )		
	Refrigerant oil		ℓ	0.45 ( DIAMOND FREEZE MB75 )		
	Refrigerant (4)		kg	R32 1.8 ( Pre-Charged up to the piping length of 40m )		
	Heat exchanger			M fins & inner grooved tubing		
	Refrigerant control			Capillary tubes + Electronic expansion valve		
	Device control			Microcomputer control		
Air handling equipment	Fan type & Q'ty			Propeller fan x 1		
	Motor		W	34		
		Air flow	Cooling	m³/min	41.0	
			Heating		41.0	
Shock & vibration absorber				Cushion rubber ( for compressor )		
Electric heater				—		
Safety devices				Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection		
Installation data	Refrigerant piping size ( O.D )		mm	Liquid line: ϕ 6.35 ( 1/4" ) x 3		
				Gas line: ϕ 9.52 ( 3/8" ) x 3		
	Connecting method			Flare connecting		
	Insulation for piping			Necessary ( Both sides ), independent		
	Length for one indoor unit		m	Max. 25		
	Total length for all rooms			Max. 40		
	Vertical height difference between outdoor unit and indoor unit			Max. 15 ( Outdoor unit is higher ) Max. 15 ( Outdoor unit is lower )		
Height difference of the indoor units		Max. 25				
Recommended breaker size			A	25		
Connection wiring	Size x Core number			1.5mm <sup>2</sup> x 4 cores ( Including earth cable )		
	Connecting method			Terminal block ( Screw fixing type )		
IP number				IPX4		
Accessories (included)				Installation sheet, Elbow, Grommet		
Indoor unit to be combined				SRK20,25,35,50,60ZSX-W(-WB,-WT) SRK20,25,35,50ZS-W(-WB,-WT) SKM20, 25, 35ZSP-W SRR25,35ZM-W,SRR50,60ZS-W FDTC25,35,50,60VH, FDE50VH,FDUM50VH		
Number of connectable indoor units				Max. 2 - Max. 3		
Total of indoor units			kW	Max. 11.0		
Notes (1) The data are measured at the following conditions.						
The pipe length for one indoor unit is 5m.						
Operation	Item	Indoor air temperature		Outdoor air temperature		Standards
		DB	WB	DB	WB	
	Cooling	27°C	19°C	35°C	24°C	ISO15042-T1
	Heating	20°C	—	7°C	6°C	ISO15042-H1
	Heating (H2)	20°C	—	2°C	1°C	ISO15042-H2
(2) This air-conditioner is manufactured and tested in conformity with the ISO.						
(3) The operation data are applied to the 220/230/240V districts respectively.						
(4) The refrigerant quantity to be charged includes the refrigerant in 20m connecting piping. (Purging is not required even for the short piping.)						