

# 1. SPECIFICATIONS

Item		Model		SRK63ZR-W		
		Indoor unit	SRK63ZR-W	Outdoor unit	SR63ZR-W	
Power source		1 Phase, 220 - 240V, 50Hz / 220V, 60Hz				
Operation data	Nominal cooling capacity (range)	kW	6.3 ( 1.2 (Min.) - 7.4 (Max.))			
	Nominal heating capacity (range)	kW	7.1 ( 0.8 (Min.) - 9.3 (Max.))			
	Heating capacity (H2)	kW	—			
	Power consumption	Cooling	kW	1.63 ( 0.2 - 2.5 )		
		Heating		1.64 ( 0.16 - 2.8 )		
		Heating (H2)		—		
	Max power consumption		2.9			
	Running current	Cooling	A	7.6 / 7.2 / 6.9 (220/ 230/ 240 V)		
		Heating		7.5 / 7.2 / 6.9 (220/ 230/ 240 V)		
	Inrush current, max current			7.6 / 7.2 / 6.9 (220/ 230/ 240 V)	Max. 14.5	
	Power factor	Cooling	%	98		
		Heating		99		
	EER	Cooling		3.87		
	COP	Heating		4.33		
		Heating (H2)		—		
Sound power level	Cooling	dB(A)	56		64	
	Heating		58		65	
Sound pressure level	Cooling	dB(A)	Hi: 44 Me: 39 Lo: 35 ULo: 25	54		
	Heating		Hi: 44 Me: 38 Lo: 34 ULo: 28	54		
Silent mode sound pressure level			— Cooling:45 / Heating:45			
Exterior dimensions (Height x Width x Depth)	mm	339 x 1197 x 262		640 x 800(+71) x 290		
Exterior appearance ( Munsell color )		Fine snow ( 8.0Y 9.3/0.1 ) near equivalent		Stucco white ( 4.2Y 7.5/1.1 ) near equivalent		
Net weight	kg	15.5		45		
Compressor type & Q'ty		—		RMT5113SWE11( Twin rotary type ) x 1		
Compressor motor (Starting method)	kW	—		1.40 ( Inverter driven )		
Refrigerant oil (Amount, type)	ℓ	—		0.45 ( DIAMOND FREEZE MB75 )		
Refrigerant (Type, amount, pre-charge length)	kg	R32 1.25 in outdoor unit (incl. the amount for the piping of 15m )				
Heat exchanger		Louver fins & inner grooved tubing		M fins & inner grooved tubing		
Refrigerant control		Capillary tubes + Electronic expansion valve				
Fan type & Q'ty		Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W	56 x1 (Direct drive)		34 x1 (Direct drive)		
Air flow	Cooling	m <sup>3</sup> /min	Hi: 20.5 Me: 18.1 Lo: 15.7 ULo: 10.4	41.5		
	Heating		Hi: 22.5 Me: 19.0 Lo: 16.5 ULo: 13.1	41.5		
Available external static pressure	Pa	0		0		
Outside air intake		Not possible				
Air filter, Quality / Quantity		Polypropylene net ( washable ) x 2				
Shock & vibration absorber		Rubber sleeve (for fan motor)		Rubber sleeve (for fan motor & compressor)		
Electric heater		—				
Operation control	Remote control	Wireless remote control				
	Room temperature control	Microcomputer thermostat				
	Operation display	RUN: Green , TIMER: Yellow , HI POWER: Green ,3D AUTO: Green				
Safety equipments		Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Indoor fan motor error protection, Heating overload protection( High pressure control ), Cooling overload protection				
Installation data	Refrigerant piping size ( O.D )	mm	Liquid line: $\phi$ 6.35 ( 1/4" )		Gas line: $\phi$ 12.7 ( 1/2" )	
	Connecting method		Flare connection			
	Attached length of piping	m	Liquid line : 0.78 / Gas line : 0.71		—	
	Insulation for piping		Necessary ( Both sides ), independent			
	Refrigerant line (one way) length	m	Max.30			
	Vertical height diff. between O.U. and I.U.	m	Max.20 ( Outdoor unit is higher ) / Max.20 ( Outdoor unit is lower )			
Drain hose		Hose connectable ( VP 16 )		Holes $\phi$ 20 x 5 pcs		
Drain pump, max lift height	mm	—				
Recommended breaker size	A	16				
L.R.A. (Locked rotor ampere)	A	7.6 / 7.2 / 6.9 (220/ 230/ 240 V)				
Interconnecting wires	Size x Core number	1.5mm <sup>2</sup> x 4 cores ( Including earth cable ) / Terminal block ( Screw fixing type )				
IP number		IPX0		IPX4		
Standard accessories		Mounting kit, Clean filter ( Allergen clear filter x 1, Photocatalytic washable deodorizing filter x 1 )				
Option parts		Interface kit (SC-BIKN-E, SC-BIKN2-E)				
Notes	(1) The data are measured at the following conditions. The pipe length is 5m.					
	Item	Indoor air temperature		Outdoor air temperature		
	Operation	DB	WB	DB	WB	
	Cooling	27°C	19°C	35°C	24°C	
	Heating	20°C	—	7°C	6°C	
	Heating (H2)	20°C	—	2°C	1°C	
					Standards	
					ISO5151-T1	
					ISO5151-H1	
					ISO5151-H2	
	(2) This air-conditioner is manufactured and tested in conformity with the ISO.					
	(3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.					
	(4) Select the breaker size according to the own national standard.					

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Item		Model	SRK80ZR-W			
			Indoor unit SRK80ZR-W	Outdoor unit SRC80ZR-W		
Power source			1 Phase, 220 - 240V, 50Hz / 220V, 60Hz			
Operation data	Nominal cooling capacity (range)	kW	8.0 ( 2.3 (Min.) - 9.7 (Max.))			
	Nominal heating capacity (range)	kW	9.0 ( 2.1 (Min.) - 11.2 (Max.))			
	Heating capacity (H2)	kW	—			
	Power consumption	Cooling	kW	2.09 ( 0.48 - 3.2 )		
		Heating		2.27 ( 0.4 - 3.5 )		
		Heating (H2)		—		
	Max power consumption		3.65			
	Running current	Cooling	A	9.7 / 9.3 / 8.9 (220/ 230/ 240 V)		
		Heating		10.5 / 10.1 / 9.7 (220/ 230/ 240 V)		
	Inrush current, max current		10.5 / 10.1 / 9.7 (220/ 230/ 240 V) Max. 17			
	Power factor	Cooling	%	98		
		Heating		98		
	EER	Cooling		3.83		
	COP	Heating		3.96		
		Heating (H2)		—		
Sound power level	Cooling	dB(A)	60			
	Heating		62			
Sound pressure level	Cooling	dB(A)	Hi: 47 Me: 44 Lo: 39 ULo: 26			
	Heating		Hi: 47 Me: 41 Lo: 36 ULo: 29			
Silent mode sound pressure level			Cooling:47 / Heating:42			
Exterior dimensions (Height x Width x Depth)	mm		339 x 1197 x 262	750 x 880(+88) x 340		
Exterior appearance ( Munsell color )			Fine snow ( 8.0Y 9.3/0.1 ) near equivalent	Stucco white ( 4.2Y 7.5/1.1 ) near equivalent		
Net weight	kg		16.5	57		
Compressor type & Q'ty			—	RMT5118SBP2 ( Twin rotary type ) x 1		
Compressor motor (Starting method)	kW		—	1.40 ( Inverter driven )		
Refrigerant oil (Amount, type)	ℓ		—	0.675 ( DIAMOND FREEZE MB75 )		
Refrigerant (Type, amount, pre-charge length)	kg		R32 1.6 in outdoor unit (incl. the amount for the piping of 15m )			
Heat exchanger			Louver fins & inner grooved tubing	M fins & inner grooved tubing		
Refrigerant control			Capillary tubes + Electronic expansion valve			
Fan type & Q'ty			Tangential fan x 1	Propeller fan x 1		
Fan motor (Starting method)	W		56 x1 (Direct drive)	86 x1 (Direct drive)		
Air flow	Cooling	m <sup>3</sup> /min	Hi: 23.5 Me: 20.2 Lo: 17.5 ULo: 10.4			
	Heating		Hi: 26.5 Me: 21.3 Lo: 18.4 ULo: 13.5			
Available external static pressure	Pa		0	0		
Outside air intake			Not possible			
Air filter, Quality / Quantity			Polypropylene net ( washable ) x 2			
Shock & vibration absorber			Rubber sleeve (for fan motor)	Rubber sleeve (for fan motor & compressor)		
Electric heater			—	—		
Operation control	Remote control		Wireless remote control			
	Room temperature control		Microcomputer thermostat			
	Operation display		RUN: Green , TIMER: Yellow , HI POWER: Green ,3D AUTO: Green			
Safety equipments			Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Indoor fan motor error protection, Heating overload protection( High pressure control ), Cooling overload protection			
Installation data	Refrigerant piping size ( O.D )	mm	Liquid line: φ6.35 ( 1/4" ) Gas line: φ15.88 ( 5/8" )			
	Connecting method		Flare connection			
	Attached length of piping	m	Liquid line : 0.78 / Gas line : 0.72			
	Insulation for piping		Necessary ( Both sides ), independent			
	Refrigerant line (one way) length	m	Max.30			
	Vertical height diff. between O.U. and I.U.	m	Max.20 ( Outdoor unit is higher ) / Max.20 ( Outdoor unit is lower )			
Drain hose			Hose connectable ( VP 16 )	Holes φ20 x 3 pcs		
Drain pump, max lift height	mm		—	—		
Recommended breaker size	A		20			
L.R.A. (Locked rotor ampere)	A		10.5 / 10.1 / 9.7 (220/ 230/ 240 V)			
Interconnecting wires	Size x Core number		1.5mm <sup>2</sup> x 4 cores ( Including earth cable ) / Terminal block ( Screw fixing type )			
IP number			IPX0	IPX4		
Standard accessories			Mounting kit, Clean filter ( Allergen clear filter x 1, Photocatalytic washable deodorizing filter x 1 ) Interface kit (SC-BIKN-E, SC-BIKN2-E)			
Notes	(1) The data are measured at the following conditions. The pipe length is 5m.					
	Item	Indoor air temperature		Outdoor air temperature	Standards	
Operation	DB	WB	DB	WB		
	Cooling	27°C	19°C	35°C	24°C	ISO5151-T1
	Heating	20°C	—	7°C	6°C	ISO5151-H1
	Heating (H2)	20°C	—	2°C	1°C	ISO5151-H2
	(2) This air-conditioner is manufactured and tested in conformity with the ISO.					
	(3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.					
	(4) Select the breaker size according to the own national standard.					