

# 1. SPECIFICATIONS

Model			SRK63ZR-W							
Item			Indoor unit		SRK63ZR-W		Outdoor unit		SRC63ZR-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	m³/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: φ6.35 ( 1/4" )				Gas line: φ12.7 ( 1/2" )	
	Connecting method				Flare connection				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 φ20 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		1.5mm² 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.							
Operation	Item	Indoor air temperature		Outdoor air temperature		Standards				
		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.										

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