

1. SPECIFICATIONS

Item		Model	SRK20ZS-W		
			Indoor unit SRK20ZS-W	Outdoor unit SRC20ZS-W	
Power source			1 Phase, 220 - 240V, 50Hz / 220V, 60Hz		
Operation data	Nominal cooling capacity (range)	kW	2.0 (0.9 (Min.) - 2.9 (Max.))		
	Nominal heating capacity (range)	kW	2.7 (0.9 (Min.) - 4.3 (Max.))		
	Heating capacity (H2)	kW	-		
	Power consumption	Cooling	kW	0.44 (0.19 - 0.80)	
		Heating		0.59 (0.20 - 1.40)	
		Heating (H2)		-	
	Max power consumption			1.65	
	Running current	Cooling	A	2.6 / 2.5 / 2.4 (220/ 230/ 240V)	
		Heating		3.2 / 3.0 / 2.9 (220/ 230/ 240V)	
	Inrush current, max current			3.2 / 3.0 / 2.9 (220/ 230/ 240V) Max. 9	
	Power factor	Cooling	%	79	
		Heating		85	
	EER	Cooling		4.55	
	COP	Heating		4.58	
		Heating (H2)		-	
Sound power level	Cooling	dB(A)	48	56	
	Heating		50	56	
Sound pressure level	Cooling	dB(A)	Hi: 34 Me: 25 Lo: 22 ULo: 19	45	
	Heating		Hi: 36 Me: 29 Lo: 23 ULo: 19	45	
Silent mode sound pressure level			-	Cooling:42 / Heating:43	
Exterior dimensions (Height x Width x Depth)	mm		290 x 870 x 230	540 x 780(+62) x 290	
Exterior appearance (Equivalent color : Munsell, RAL)			Fine snow (Pure white) (8.0Y 9.3/0.1) , (9003)	Stucco white (4.2Y 7.5/1.1) , (7044)	
Net weight	kg		9.5	31.5	
Compressor type & Quantity			-	RM-C5077SBE71(Rotary type) x 1	
Compressor motor (Starting method)	kW		-	0.75 (Inverter driven)	
Refrigerant oil (Amount, type)	ℓ		-	0.30 (DIAMOND FREEZE MB75)	
Refrigerant (Type, amount, pre-charge length)	kg		R32 0.62 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 & Quantity			Tangential fan x 1	Propeller fan x 1	
Fan motor (Starting method)	W		42 x1 (Direct drive)	24 x1 (Direct drive)	
Air flow	Cooling	m³/min	Hi: 9.3 Me: 7.0 Lo: 5.9 ULo: 5.0	27.4	
	Heating		Hi: 10.0 Me: 8.5 Lo: 6.5 ULo: 5.9	23.6	
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		
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: φ 9.52 (3/8")		
	Connecting method		Flare connection	Flare connection	
	Attached length of piping	m	Liquid line : 0.54 / Gas line : 0.47	-	
	Insulation for piping		Necessary (Both sides), independent		
	Refrigerant line (one way) length	m	Max.20		
	Vertical height diff. between O.U. and I.U.	m	Max.10 (Outdoor unit is higher) / Max.10 (Outdoor unit is lower)		
Drain hose			Hose connectable (VP 16)	Hole φ20 x 2 pcs	
Drain pump, max lift height	mm		-	-	
Recommended breaker size	A		16		
L.R.A. (Locked rotor ampere)	A		3.2 / 3.0 / 2.9 (220/ 230/ 240V)		
Interconnecting wires	Size x Core number		1.5mm ² 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-BIKN2-E)		

Notes (1) The data are measured at the following conditions.

The pipe length is 5m.

Operation	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.

RWA000Z274

Item			Model	SRK25ZS-W	
				Indoor unit SRK25ZS-W	Outdoor unit SRC25ZS-W
Power source				1 Phase, 220 - 240V, 50Hz / 220V, 60Hz	
Operation data	Nominal cooling capacity (range)		kW	2.5 (0.9 (Min.) - 3.1 (Max.))	
	Nominal heating capacity (range)		kW	3.2 (0.9 (Min.) - 4.5 (Max.))	
	Heating capacity (H2)		kW	-	
	Power consumption	Cooling	kW	0.62 (0.19 - 0.90)	
		Heating		0.74 (0.20 - 1.42)	
	Max power consumption			1.65	
	Running current	Cooling	A	3.3 / 3.1 / 3.0 (220/ 230/ 240V)	
		Heating		3.7 / 3.6 / 3.4 (220/ 230/ 240V)	
	Inrush current, max current			3.7 / 3.6 / 3.4 (220/ 230/ 240V) Max. 9	
	Power factor	Cooling	%	86	
		Heating		90	
	EER	Cooling		4.03	
	COP	Heating		4.32	
		Heating (H2)		-	
	Sound power level	Cooling	dB(A)	50	56
Heating		53		58	
Sound pressure level	Cooling	dB(A)	Hi: 34 Me: 25 Lo: 22 ULo: 19	46	
	Heating		Hi: 36 Me: 29 Lo: 23 ULo: 19	46	
Silent mode sound pressure level			-		
Exterior dimensions (Height x Width x Depth)		mm	290 x 870 x 230		
Exterior appearance (Equivalent color : Munsell, RAL)			Fine snow (Pure white) (8.0Y 9.3/0.1) , (9003)		
Net weight		kg	9.5		
Compressor type & Quantity			-		
Compressor motor (Starting method)		kW	-		
Refrigerant oil (Amount, type)		ℓ	-		
Refrigerant (Type, amount, pre-charge length)		kg	R32 0.62 in outdoor unit (Incl. the amount for the piping of 15m)		
Heat exchanger			Louver fins & inner grooved tubing		
Refrigerant control			Capillary tubes + Electronic expansion valve		
Fan type & Quantity			Tangential fan x 1		
Fan motor (Starting method)		W	42 x1 (Direct drive)		
Air flow	Cooling	m³/min	Hi: 9.9 Me: 8.0 Lo: 5.9 ULo: 5.0		
	Heating		Hi: 11.3 Me: 8.7 Lo: 6.7 ULo: 5.9		
Available external static pressure		Pa	0		
Outside air intake			Not possible		
Air filter, Quality / Quantity			Polypropylene net (Washable) x 2		
Shock & vibration absorber			Rubber sleeve (for fan motor)		
Electric heater			-		
Operation control	Remote control		Wireless-remote control		
	Room temperature control		Microcomputer thermostat		
	Operation display		RUN: Green , TIMER: Yellow		
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: φ 9.52 (3/8")	
	Connecting method			Flare connection	
	Attached length of piping		m	Liquid line : 0.54 / Gas line : 0.47	
	Insulation for piping			Necessary (Both sides), independent	
	Refrigerant line (one way) length		m	Max.20	
	Vertical height diff. between O.U. and I.U.		m	Max.10 (Outdoor unit is higher) / Max.10 (Outdoor unit is lower)	
Drain hose			Hose connectable (VP 16)		
Drain pump, max lift height		mm	-		
Recommended breaker size		A	16		
L.R.A. (Locked rotor ampere)		A	3.7 / 3.6 / 3.4 (220/ 230/ 240V)		
Interconnecting wires		Size x Core number	1.5mm ² x 4 cores (Including earth cable) / Terminal block (Screw fixing type)		
IP number			IPX0		
Standard accessories			Mounting kit, Clean filter (Allergen clear filter x 1, Photocatalytic washable deodorizing filter x 1)		
Option parts			Interface kit (SC-BIKN2-E)		

Notes (1) The data are measured at the following conditions.

The pipe length is 5m.

Operation	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.

Item			Model		SRK35ZS-W	
					Indoor unit SRK35ZS-W	Outdoor unit SRC35ZS-W
Power source			1 Phase, 220 - 240V, 50Hz / 220V, 60Hz			
Operation data	Nominal cooling capacity (range)		kW		3.5 (0.9 (Min.) - 4.0 (Max.))	
	Nominal heating capacity (range)		kW		4.0 (0.9 (Min.) - 5.0 (Max.))	
	Heating capacity (H2)		kW		-	
	Power consumption	Cooling	kW		0.89 (0.17 - 1.24)	
		Heating	kW		0.94 (0.19 - 1.45)	
	Max power consumption				1.65	
	Running current	Cooling	A		4.4 / 4.2 / 4.0 (220/ 230/ 240V)	
		Heating	A		4.6 / 4.4 / 4.2 (220/ 230/ 240V)	
	Inrush current, max current				4.6 / 4.4 / 4.2 (220/ 230/ 240V) Max. 9	
	Power factor	Cooling	%		92	
		Heating	%		93	
	EER	Cooling			3.93	
	COP	Heating			4.26	
		Heating (H2)			-	
	Sound power level	Cooling	dB(A)		54	
Heating		dB(A)		56		
Sound pressure level	Cooling	dB(A)		Hi: 40 Me: 30 Lo: 26 ULo: 19		
	Heating	dB(A)		Hi: 41 Me: 36 Lo: 25 ULo:19		
Silent mode sound pressure level				-		
Exterior dimensions (Height x Width x Depth)		mm		290 x 870 x 230		
Exterior appearance (Equivalent color : Munsell, RAL)				Fine snow (Pure white) (8.0Y 9.3/0.1) , (9003)		
Net weight		kg		9.5		
Compressor type & Quantity				-		
Compressor motor (Starting method)		kW		-		
Refrigerant oil (Amount, type)		ℓ		-		
Refrigerant (Type, amount, pre-charge length)		kg		R32 0.78 in outdoor unit (Incl. the amount for the piping of 15m)		
Heat exchanger				Louver fins & inner grooved tubing		
Refrigerant control				Capillary tubes + Electronic expansion valve		
Fan type & Quantity				Tangential fan x 1		
Fan motor (Starting method)		W		42 x1 (Direct drive)		
Air flow	Cooling	m³/min		Hi: 11.3 Me: 8.7 Lo: 7.0 ULo: 5.0		
	Heating	m³/min		Hi: 12.3 Me: 11.0 Lo: 7.0 ULo: 5.6		
Available external static pressure		Pa		0		
Outside air intake				Not possible		
Air filter, Quality / Quantity				Polypropylene net (Washable) x 2		
Shock & vibration absorber				Rubber sleeve (for fan motor)		
Electric heater				-		
Operation control	Remote control				Wireless-remote control	
	Room temperature control				Microcomputer thermostat	
	Operation display				RUN: Green , TIMER: Yellow	
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: φ 9.52 (3/8")	
	Connecting method				Flare connection	
	Attached length of piping		m		Liquid line : 0.54 / Gas line : 0.47	
	Insulation for piping				Necessary (Both sides), independent	
	Refrigerant line (one way) length		m		Max.20	
	Vertical height diff. between O.U. and I.U.		m		Max.10 (Outdoor unit is higher) / Max.10 (Outdoor unit is lower)	
Drain hose				Hose connectable (VP 16)		
Drain pump, max lift height		mm		-		
Recommended breaker size		A		16		
L.R.A. (Locked rotor ampere)		A		4.6 / 4.4 / 4.2 (220/ 230/ 240V)		
Interconnecting wires		Size x Core number		1.5mm ² x 4 cores (Including earth cable) / Terminal block (Screw fixing type)		
IP number				IPX0		
Standard accessories				Mounting kit, Clean filter (Allergen clear filter x 1, Photocatalytic washable deodorizing filter x 1)		
Option parts				Interface kit (SC-BIKN2-E)		

Notes (1) The data are measured at the following conditions.

The pipe length is 5m.

Operation	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

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(4) Select the breaker size according to the own national standard.

Item		Model		SRK50ZS-W		
				Indoor unit SRK50ZS-W	Outdoor unit SRC50ZS-W	
Power source		1 Phase, 220 - 240V, 50Hz / 220V, 60Hz				
Operation data	Nominal cooling capacity (range)	kW	5.0 (1.3 (Min.) - 5.5 (Max.))			
	Nominal heating capacity (range)	kW	5.8 (1.3 (Min.) - 6.6 (Max.))			
	Heating capacity (H2)	kW	-			
	Power consumption	Cooling	kW	1.35 (0.29 - 1.80)		
		Heating		1.56 (0.25 - 1.98)		
	Max power consumption		2.68			
	Running current	Cooling	A	6.2 / 5.9 / 5.7 (220/ 230/ 240V)		
		Heating		7.2 / 6.9 / 6.6 (220/ 230/ 240V)		
	Inrush current, max current		7.2 / 6.9 / 6.6 (220/ 230/ 240V) Max. 14.5			
	Power factor	Cooling	%	99		
		Heating		99		
	EER	Cooling		3.70		
	COP	Heating		3.72		
		Heating (H2)		-		
	Sound power level	Cooling	dB(A)	59	61	
Heating		60		63		
Sound pressure level	Cooling		Hi: 46 Me: 36 Lo: 29 ULo: 22	51		
	Heating		Hi: 46 Me: 37 Lo: 31 ULo: 24	52		
Silent mode sound pressure level			-	Cooling:43 / Heating:45		
Exterior dimensions (Height x Width x Depth)	mm	290 x 870 x 230		595 x 780(+62) x 290		
Exterior appearance (Equivalent color : Munsell, RAL)		Fine snow (Pure white) (8.0Y 9.3/0.1) , (9003)		Stucco white (4.2Y 7.5/1.1) , (7044)		
Net weight	kg	10.0		36.0		
Compressor type & Quantity		-		9RS102XDA21(Rotary type) x 1		
Compressor motor (Starting method)	kW	-		1.50 (Inverter driven)		
Refrigerant oil (Amount, type)	ℓ	-		0.32 (FW50S)		
Refrigerant (Type, amount, pre-charge length)	kg	R32 1.05 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 & Quantity		Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W	42 x1 (Direct drive)		24 x1 (Direct drive)		
Air flow	Cooling	m³/min	Hi: 12.1 Me: 9.9 Lo: 7.4 ULo: 5.9	32.8		
	Heating		Hi: 13.9 Me: 11.2 Lo: 9.1 ULo: 7.4	32.8		
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				
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: φ 12.7 (1/2")			
	Connecting method		Flare connection		Flare connection	
	Attached length of piping	m	Liquid line : 0.54 / Gas line : 0.47		-	
	Insulation for piping		Necessary (Both sides), independent			
	Refrigerant line (one way) length	m	Max.25			
	Vertical height diff. between O.U. and I.U.	m	Max.15 (Outdoor unit is higher) / Max.15 (Outdoor unit is lower)			
Drain hose		Hose connectable (VP 16)		Hole φ20 x 2 pcs		
Drain pump, max lift height	mm	-				
Recommended breaker size	A	20				
L.R.A. (Locked rotor ampere)	A	7.2 / 6.9 / 6.6 (220/ 230/ 240V)				
Interconnecting wires	Size x Core number	1.5mm ² 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-BIKN2-E)				

Notes (1) The data are measured at the following conditions.

The pipe length is 5m.

Operation	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

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