

1. SPECIFICATIONS

Model SRK25ZSP-W1

Item		Model	SRK25ZSP-W1				
			Indoor unit SRK25ZSP-W1		Outdoor unit SRC25ZSP-W1		
Power source			1 Phase, 220 - 240V, 50Hz				
Operation data	Nominal cooling capacity (range)	kW	2.5 (0.8 (Min.) - 3.2 (Max.))				
	Nominal heating capacity (range)	kW	2.8 (0.8 (Min.) - 4.1 (Max.))				
	Heating capacity (H2)	kW	-				
	Power consumption	Cooling	kW	0.710 (0.18 - 1.03)			
		Heating		0.690 (0.20 - 1.38)			
		Heating (H2)		-			
	Max power consumption		1.65				
	Running current	Cooling	A	3.6 / 3.4 / 3.3 (220/ 230/ 240 V)			
		Heating		3.5 / 3.4 / 3.2 (220/ 230/ 240 V)			
	Inrush current, max current			3.6 / 3.4 / 3.3 (220/ 230/ 240 V) Max. 9			
	Power factor	Cooling	%	90			
		Heating		89			
	EER	Cooling		3.52			
	COP	Heating		4.05			
		Heating (H2)		-			
Sound power level	Cooling	dB(A)	57		57		
	Heating		56		57		
Sound pressure level	Cooling	dB(A)	Hi: 44 Me: 33 Lo: 21		47		
	Heating		Hi: 42 Me: 33 Lo: 25		45		
Silent mode sound pressure level			-		-		
Exterior dimensions (Height x Width x Depth)	mm		267 x 783 x 210		540 x 645(+57) x 275		
Exterior appearance (Equivalent color)			Fine snow Munsell : (8.0Y 9.3/0.1), RAL : 9003		Stucco white Munsell : (4.2Y 7.5/1.1), RAL : 7044		
Net weight	kg		7.0		22.0		
Compressor type & Quantity			-		RM-D5077SWE1(Rotary type) x 1		
Compressor motor (Starting method)	kW		-		0.75 (Inverter driven)		
Refrigerant oil (Amount, type)	L		-		0.25 (DIAMOND FREEZE MB75)		
Refrigerant (Type, amount, pre-charge length)	kg		R32 0.480 in outdoor unit (Incl. the amount for the piping of 10m)				
Heat exchanger			Louver fins & inner grooved tubing		M fins & inner grooved tubing		
Refrigerant control			Electronic expansion valve				
Fan type & Quantity			Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W		23 x1 (Direct drive)		24 x1 (Direct drive)		
Air flow	Cooling	m ³ /min	Hi: 10.0 Me: 7.6 Lo: 4.3		21.9		
	Heating		Hi: 9.6 Me: 7.6 Lo: 5.3		21.9		
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: ϕ 6.35 (1/4")		Gas line: ϕ 9.52 (3/8")		
	Connecting method		Flare connection		Flare connection		
	Attached length of piping	m	Liquid line : 0.46 / Gas line : 0.39		-		
	Insulation for piping		Necessary (Both sides), independent				
	Refrigerant line (one way) length	m	3 - 15				
	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 (VP16)		Hole size ϕ 20 x 2 pcs.		
Drain pump, max lift height	mm		-		-		
Recommended breaker size	A		16				
L.R.A. (Locked rotor ampere)	A		3.6 / 3.4 / 3.3 (220/ 230/ 240 V)				
Interconnecting wires	Size x Core number		1.5mm ² × 4 cores (Including earth cable) / Terminal block (Screw fixing type)				
IP number			IPX0		IPX4		
Standard accessories			Mounting kit				
Option parts			-				
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.							

Model SRK35ZSP-W1

Item		Model	SRK35ZSP-W1				
			Indoor unit SRK35ZSP-W1		Outdoor unit SRC35ZSP-W1		
Power source			1 Phase, 220 - 240V, 50Hz				
Operation data	Nominal cooling capacity (range)	kW	3.2 (0.9 (Min.) - 3.7 (Max.))				
	Nominal heating capacity (range)	kW	3.6 (0.9 (Min.) - 4.6 (Max.))				
	Heating capacity (H2)	kW	-				
	Power consumption	Cooling	kW	0.910 (0.18 - 1.30)			
		Heating		0.930 (0.19 - 1.43)			
	Max power consumption	Heating (H2)	kW	-			
		Heating (H2)		1.65			
	Running current	Cooling	A	4.8 / 4.5 / 4.4 (220/ 230/ 240 V)			
		Heating		4.8 / 4.6 / 4.4 (220/ 230/ 240 V)			
	Inrush current, max current			4.8 / 4.6 / 4.4 (220/ 230/ 240 V) Max. 9			
	Power factor	Cooling	%	87			
		Heating		88			
	EER	Cooling		3.52			
	COP	Heating		3.87			
		Heating (H2)		-			
Sound power level	Cooling	dB(A)	57		59		
	Heating		57		60		
Sound pressure level	Cooling	dB(A)	Hi: 44 Me: 35 Lo: 22		47		
	Heating		Hi: 44 Me: 35 Lo: 27		47		
Silent mode sound pressure level			-		-		
Exterior dimensions (Height x Width x Depth)	mm		267 x 783 x 210		540 x 645(+57) x 275		
Exterior appearance (Equivalent color)			Fine snow Munsell : (8.0Y 9.3/0.1), RAL : 9003		Stucco white Munsell : (4.2Y 7.5/1.1), RAL : 7044		
Net weight	kg		7.0		24.0		
Compressor type & Quantity			-		RM-D5077SWE1(Rotary type) x 1		
Compressor motor (Starting method)	kW		-		0.75 (Inverter driven)		
Refrigerant oil (Amount, type)	L		-		0.25 (DIAMOND FREEZE MB75)		
Refrigerant (Type, amount, pre-charge length)	kg		R32 0.650 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			Electronic expansion valve				
Fan type & Quantity			Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W		23 x1 (Direct drive)		24 x1 (Direct drive)		
Air flow	Cooling	m ³ /min	Hi: 10.4 Me: 7.2 Lo: 4.3		22.8		
	Heating		Hi: 9.9 Me: 7.2 Lo: 5.5		22.0		
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: ϕ 6.35 (1/4")		Gas line: ϕ 9.52 (3/8")		
	Connecting method		Flare connection		Flare connection		
	Attached length of piping	m	Liquid line : 0.46 / Gas line : 0.39		-		
	Insulation for piping		Necessary (Both sides), independent				
	Refrigerant line (one way) length	m	3 - 15				
	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 (VP16)		Hole size ϕ 20 x 2 pcs.		
Drain pump, max lift height	mm		-		-		
Recommended breaker size	A		16				
L.R.A. (Locked rotor ampere)	A		4.8 / 4.6 / 4.4 (220/ 230/ 240 V)				
Interconnecting wires	Size x Core number		1.5mm ² × 4 cores (Including earth cable) / Terminal block (Screw fixing type)				
IP number			IPX0		IPX4		
Standard accessories			Mounting kit				
Option parts			-				
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.							

Model SRK45ZSP-W1

Item		Model	SRK45ZSP-W1				
			Indoor unit SRK45ZSP-W1		Outdoor unit SRC45ZSP-W1		
Power source			1 Phase, 220 - 240V, 50Hz				
Operation data	Nominal cooling capacity (range)	kW	4.5 (1.3 (Min.) - 4.8 (Max.))				
	Nominal heating capacity (range)	kW	5.0 (1.2 (Min.) - 5.8 (Max.))				
	Heating capacity (H2)	kW	-				
	Power consumption	Cooling	kW	1.390 (0.29 - 1.67)			
				1.360 (0.27 - 1.84)			
		Heating (H2)	-				
	Max power consumption		2.68				
	Running current	Cooling	A	6.4 / 6.2 / 5.9 (220/ 230/ 240 V)			
		Heating		6.3 / 6.0 / 5.8 (220/ 230/ 240 V)			
	Inrush current, max current			5.0 / 5.0 / 5.0 (220/ 230/ 240 V) Max. 14.5			
	Power factor	Cooling	%	98			
		Heating		98			
	EER	Cooling		3.23			
	COP	Heating		3.68			
		Heating (H2)		-			
Sound power level	Cooling	dB(A)	57		64		
	Heating		62		62		
Sound pressure level	Cooling	dB(A)	Hi: 44 Me: 37 Lo: 22		51		
	Heating		Hi: 48 Me: 40 Lo: 28		51		
Silent mode sound pressure level			-		-		
Exterior dimensions (Height x Width x Depth)	mm		267 x 783 x 210		595 x 780(+62) x 290		
Exterior appearance (Equivalent color)			Fine snow Munsell : (8.0Y 9.3/0.1), RAL : 9003		Stucco white Munsell : (4.2Y 7.5/1.1), RAL : 7044		
Net weight	kg		7.5		33.0		
Compressor type & Quantity			-		9RS102ZBE21(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 0.950 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			Electronic expansion valve				
Fan type & Quantity			Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W		23 x1 (Direct drive)		24 x1 (Direct drive)		
Air flow	Cooling	m ³ /min	Hi: 9.7 Me: 7.8 Lo: 3.7		35.6		
	Heating		Hi: 12.0 Me: 8.8 Lo: 5.4		33.4		
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: ϕ 6.35 (1/4")		Gas line: ϕ 12.7 (1/2")		
	Connecting method		Flare connection		Flare connection		
	Attached length of piping	m	Liquid line : 0.46 / Gas line : 0.39		-		
	Insulation for piping		Necessary (Both sides), independent				
	Refrigerant line (one way) length	m	3 - 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 (VP16)		Hole size ϕ 20 x 2 pcs.		
Drain pump, max lift height	mm		-		-		
Recommended breaker size	A		20				
L.R.A. (Locked rotor ampere)	A		5.0 / 5.0 / 5.0 (220/ 230/ 240 V)				
Interconnecting wires	Size x Core number		1.5mm ² × 4 cores (Including earth cable) / Terminal block (Screw fixing type)				
IP number			IPX0		IPX4		
Standard accessories			Mounting kit				
Option parts			-				
Notes (1) The data are measured at the following conditions.			The pipe length is 5m.				
Operation	Cooling	Indoor air temperature	Outdoor air temperature		Standards		
		DB	WB	DB			WB
	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.

Model SRK50ZSP-W1

Item		Model	SRK50ZSP-W1				
			Indoor unit SRK50ZSP-W1		Outdoor unit SRC50ZSP-W1		
Power source			1 Phase, 220 - 240V, 50Hz				
Operation data	Nominal cooling capacity (range)	kW	5.0 (1.3 (Min.) - 5.2 (Max.))				
	Nominal heating capacity (range)	kW	5.6 (1.2 (Min.) - 5.8 (Max.))				
	Heating capacity (H2)	kW	-				
	Power consumption	Cooling	kW	1.740 (0.29 - 1.74)			
		Heating		1.660 (0.27 - 1.84)			
		Heating (H2)		-			
	Max power consumption		2.68				
	Running current	Cooling	A	8.0 / 7.6 / 7.3 (220/ 230/ 240 V)			
		Heating		7.6 / 7.3 / 7.0 (220/ 230/ 240 V)			
	Inrush current, max current			5.0 / 5.0 / 5.0 (220/ 230/ 240 V) Max. 14.5			
	Power factor	Cooling	%	99			
		Heating		99			
	EER	Cooling		2.87			
	COP	Heating		3.37			
		Heating (H2)		-			
Sound power level	Cooling	dB(A)	59		65		
	Heating		62		65		
Sound pressure level	Cooling	dB(A)	Hi: 46 Me: 37 Lo: 22		52		
	Heating		Hi: 48 Me: 40 Lo: 28		52		
Silent mode sound pressure level			-		-		
Exterior dimensions (Height x Width x Depth)	mm		267 x 783 x 210		595 x 780(+62) x 290		
Exterior appearance (Equivalent color)			Fine snow Munsell : (8.0Y 9.3/0.1), RAL : 9003		Stucco white Munsell : (4.2Y 7.5/1.1), RAL : 7044		
Net weight	kg		7.5		33.0		
Compressor type & Quantity			-		9RS102ZBE21(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 0.950 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			Electronic expansion valve				
Fan type & Quantity			Tangential fan x 1		Propeller fan x 1		
Fan motor (Starting method)	W		23 x1 (Direct drive)		24 x1 (Direct drive)		
Air flow	Cooling	m ³ /min	Hi: 10.5 Me: 7.8 Lo: 3.7		37.7		
	Heating		Hi: 12.0 Me: 8.8 Lo: 5.4		35.6		
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: ϕ 6.35 (1/4")		Gas line: ϕ 12.7 (1/2")		
	Connecting method		Flare connection		Flare connection		
	Attached length of piping	m	Liquid line : 0.46 / Gas line : 0.39		-		
	Insulation for piping		Necessary (Both sides), independent				
	Refrigerant line (one way) length	m	3 - 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 (VP16)		Hole size ϕ 20 x 2 pcs.		
Drain pump, max lift height	mm		-		-		
Recommended breaker size	A		20				
L.R.A. (Locked rotor ampere)	A		5.0 / 5.0 / 5.0 (220/ 230/ 240 V)				
Interconnecting wires	Size x Core number		1.5mm ² × 4 cores (Including earth cable) / Terminal block (Screw fixing type)				
IP number			IPX0		IPX4		
Standard accessories			Mounting kit				
Option parts			-				
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		
	Heating	20°C	-	7°C	6°C		
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.							