

2 SELECTION DATA

2.1 Specifications

Model SRK52HE (Indoor unit)
SRC52HE (Outdoor unit)

(220/230/240V)

Item		Model	SRK52HE	SRC52HE
Cooling capacity ⁽¹⁾		W	5400	
Heating capacity ⁽¹⁾		W	5600	
Power source			1 Phase, 220-240V, 50Hz	
Operation data ⁽¹⁾⁽²⁾	Cooling input	kW	1.73	
	Running current (Cooling)	A	8.6/8.3/7.9	
	Heating input	kW	1.49	
	Running current (Heating)	A	7.4/7.1/6.8	
	Inrush current	A	42	
	COP		Cooling: 3.12 Heating: 3.76	
	Noise level	Cooling	Sound level	Hi 43, Me 39, Lo 36
Power level			59	65
Heating		Sound level	Hi 41, Me 39, Lo 37	49
		Power level	59	65
Exterior dimensions		mm	318 × 1098 × 248	640 × 850 × 290
Height × Width × Depth				
Color			Yellowish white	Stucco white
Net weight		kg	16	47
Refrigerant equipment				RM5522GNE4 (Rotary type) × 1
Compressor type & Q'ty			-	
Motor		kW	-	1.7
Starting method			-	Line starting
Heat exchanger			Slit fins & inner grooved tubing	Straight fin & inner grooved tubing
Refrigerant control			Capillary tubes + Electric expansion valve	
Refrigerant ⁽³⁾		kg	R22 1.6 (Pre-Charged up to the piping length of 7m)	
Refrigerant oil		ℓ	0.7 (B-32SAM)	
Deice control			Microcomputer control	
Air handling equipment				
Fan type & Q'ty			Tangential fan × 1	Propeller fan × 1
Motor		W	46	43
Air flow (at High)	(Cooling)	CMM	17	42
	(Heating)		18	42
Air filter, Q'ty			Polypropylene net (washable) × 2	-
Shock & vibration absorber			-	Cushion rubber (for compressor)
Electric heater			-	-
Operation control			Wireless-Remote controller	-
Operation switch			-	-
Room temperature control			Microcomputer thermostat	-
Pilot lamp			RUN (Green), TIMER (Yellow), HI POWER (Green), ECONO (Orange)	
Safety equipment			Compressor: overheat protection, Heating overload protection (High pressure control), Frost protection, Serial signal error protection, Indoor fan motor error protection	
Refrigerant piping	O.D	mm (in)	Liquid line: φ6.35 (1/4") Gas line: φ15.88 (5/8")	
	Connecting method		Flare connecting	
	Attached length of piping		Liquid line: 0.70m Gas line: 0.63m	-
	Insulation		Necessary (Both sides)	
Drain hose			Connectable	
Power source supply			Terminal block (Screw fixing type)	
Connection wiring	Size × Core number		1.5 mm ² × 4 cores (Including earth cable)	
	Connecting method		Terminal block (Screw fixing type)	
Accessories (included)			Mounting kit, Clean filter (Natural enzyme filter × 1, Photocatalytic washable deodorizing filter × 1)	
Optional parts			-	

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

Operation	Item	Indoor air temperature		Outdoor air temperature		Standards
		DB	WB	DB	WB	
Cooling		27°C	19°C	35°C	24°C	ISO-T1, JIS C9612
Heating		20°C	-	7°C	6°C	ISO-T1, JIS C9612

The piping length is 7.5m.

- (2) The operation data are applied to the 220/230/240V districts respectively.
- (3) The refrigerant quantity to be charged includes the refrigerant in 7 m connecting piping.
(Purging is not required even in the short piping.)
If the piping length is longer, when it is 7 to 15m, add 25g refrigerant per meter.

Model SRK63HE (Indoor unit)
SRC63HE (Outdoor unit)

(220/230/240V)

Item		Model	SRK63HE	SRC63HE	
Cooling capacity ⁽¹⁾		W	6100		
Heating capacity ⁽¹⁾		W	6300		
Power source			1 Phase, 220-240V, 50Hz		
Operation data ⁽¹⁾⁽²⁾	Cooling input	kW	2.17		
	Running current (Cooling)	A	10.8/10.4/9.9		
	Heating input	kW	1.83		
	Running current (Heating)	A	9.1/8.7/8.4		
	Inrush current	A	48.2		
	COP			Cooling: 2.81 Heating: 3.44	
	Noise level	Cooling	Sound level	Hi 44, Me 40, Lo 37	49
			Power level	59	65
Heating		Sound level	Hi 42, Me 40, Lo 38	49	
		Power level	59	65	
Exterior dimensions Height × Width × Depth		mm	318 × 1098 × 248	640 × 850 × 290	
Color			Yellowish white	Stucco white	
Net weight		kg	16	48	
Refrigerant equipment Compressor type & Q'ty			-	RM5526GNE4 (Rotary type) × 1	
Motor		kW	-	1.9	
Starting method			-	Line starting	
Heat exchanger			Slit fins & inner grooved tubing	Straight fin & inner grooved tubing	
Refrigerant control			Capillary tubes + Electric expansion valve		
Refrigerant ⁽³⁾		kg	R22 1.6 (Pre-charged up to the piping length of 7m)		
Refrigerant oil		ℓ	0.7 (B-32SAM)		
Deice control			Microcomputer control		
Air handling equipment Fan type & Q'ty			Tangential fan × 1	Propeller fan × 1	
Motor		W	46	43	
Air flow (at High)	(Cooling)	CMM	18	42	
	(Heating)		19	42	
Air filter, Q'ty			Polypropylene net (washable) × 2	-	
Shock & vibration absorber			-	Cushion rubber (for compressor)	
Electric heater			-	-	
Operation control Operation switch			Wireless-Remote controller	-	
Room temperature control			Microcomputer thermostat	-	
Pilot lamp			RUN (Green), TIMER (Yellow), HI POWER (Green), ECONO (Orange)		
Safety equipment			Compressor: overheat protection, Heating overload protection (High pressure control), Frost protection, Serial signal error protection, Indoor fan motor error protection		
Refrigerant piping	O.D	mm (in)	Liquid line: φ6.35 (1/4") Gas line: φ15.88 (5/8")		
	Connecting method		Flare connecting		
	Attached length of piping		Liquid line: 0.70m Gas line : 0.63m	-	
	Insulation		Necessary (Both sides)		
Drain hose			Connectable		
Power source supply			Terminal block (Screw fixing type)		
Connection wiring	Size × Core number		1.5 mm ² × 4 cores (Including earth cable)		
	Connecting method		Terminal block (Screw fixing type)		
Accessories (included)			Mounting kit, Clean filter (Natural enzyme filter × 1, Photocatalytic washable deodorizing filter × 1)		
Optional parts			-		

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

Operation	Item	Indoor air temperature		Outdoor air temperature		Standards
		DB	WB	DB	WB	
Cooling		27°C	19°C	35°C	24°C	ISO-T1, JIS C9612
Heating		20°C	-	7°C	6°C	ISO-T1, JIS C9612

The piping length is 7.5m.

- (2) The operation data are applied to the 220/230/240V districts respectively.
(3) The refrigerant quantity to be charged includes the refrigerant in 7 m connecting piping.
(Purging is not required even in the short piping.)
If the piping length is longer, when it is 7 to 15m, add 25g refrigerant per meter.

Model SRK71HE (Indoor unit)
SRC71HE (Outdoor unit)

(220/230/240V)

Item		Model	SRK71HE	SRC71HE	
Cooling capacity ⁽¹⁾		W	6800		
Heating capacity ⁽¹⁾		W	7200		
Power source			1 Phase, 220-240V, 50Hz		
Operation data ⁽¹⁾⁽²⁾	Cooling input	kW	2.05		
	Running current (Cooling)	A	10.2/9.8/9.4		
	Heating input	kW	1.88		
	Running current (Heating)	A	9.4/9.0/8.6		
	Inrush current	A	48		
	COP		Cooling: 3.32 Heating: 3.83		
	Noise level	Cooling	Sound level	Hi 45, Me 41, Lo 38	54
Power level			59	69	
Heating		Sound level	Hi 44, Me 42, Lo 39	55	
		Power level	59	70	
Exterior dimensions Height × Width × Depth		mm	318 × 1098 × 248	750 × 880 × 340	
Color			Yellowish white	Stucco white	
Net weight		kg	16	63	
Refrigerant equipment Compressor type & Q'ty			-	2JS386D5AB02 (Rotary type) × 1	
Motor		kW	-	1.8	
Starting method			-	Line starting	
Heat exchanger			Slit fins & inner grooved tubing	Straight fin & inner grooved tubing	
Refrigerant control			Capillary tubes + Electric expansion valve		
Refrigerant ⁽³⁾		kg	R22 1.85 (Pre-charged up to the piping length of 7m)		
Refrigerant oil		ℓ	0.7 (ATMOS M60 or SUNISO 4GDID)		
Deice control			Microcomputer control		
Air handling equipment Fan type & Q'ty			Tangential fan × 1	Propeller fan × 1	
Motor		W	46	85	
Air flow (at High)	(Cooling)	CMM	20.5	60	
	(Heating)		20.5	60	
Air filter, Q'ty			Polypropylene net (washable) × 2	-	
Shock & vibration absorber			-	Cushion rubber (for compressor)	
Electric heater			-	-	
Operation control Operation switch			Wireless-Remote controller	-	
Room temperature control			Microcomputer thermostat	-	
Pilot lamp			RUN (Green), TIMER (Yellow), HI POWER (Green), ECONO (Orange)		
Safety equipment			Compressor: overheat protection, Heating overload protection (High pressure control), Frost protection, Serial signal error protection, Indoor fan motor error protection		
Refrigerant piping	O.D	mm (in)	Liquid line: φ6.35 (1/4") Gas line: φ15.88 (5/8")		
	Connecting method		Flare connecting		
	Attached length of piping		Liquid line: 0.70m Gas line : 0.63m	-	
	Insulation		Necessary (Both sides)		
Drain hose			Connectable		
Power source supply			Terminal block (Screw fixing type)		
Connection wiring	Size × Core number		1.5 mm ² × 4 cores (Including earth cable)		
	Connecting method		Terminal block (Screw fixing type)		
Accessories (included)			Mounting kit, Clean filter (Natural enzyme filter × 1, Photocatalytic washable deodorizing filter × 1)		
Optional parts			-		

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

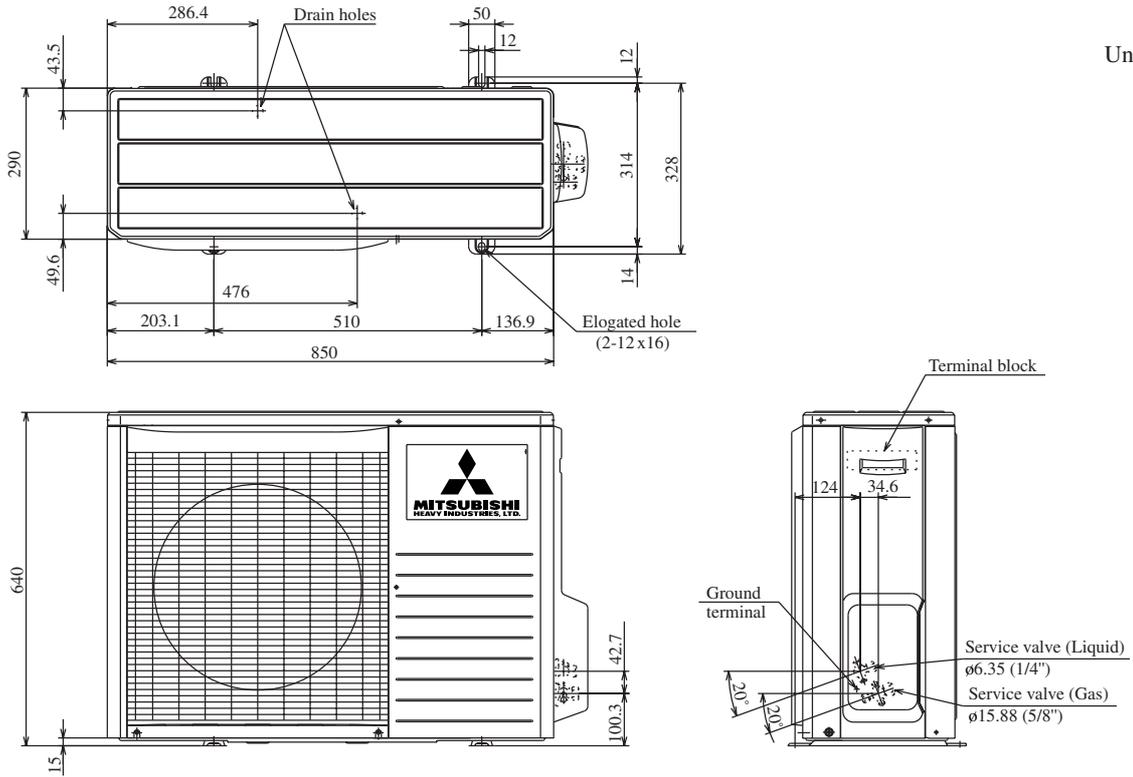
Operation	Item	Indoor air temperature		Outdoor air temperature		Standards
		DB	WB	DB	WB	
Cooling		27°C	19°C	35°C	24°C	ISO-T1, JIS C9612
		20°C	-	7°C	6°C	

The piping length is 7.5m.

- (2) The operation data are applied to the 220/230/240V districts respectively.
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(Purging is not required even in the short piping.)
If the piping length is longer, when it is 7 to 15m, add 25g refrigerant per meter.

(2) Outdoor unit
 Models SRC52HE, 63HE

Unit: mm



Models SRC71HE

Unit: mm

