

# 3. WALL MOUNTED TYPE ROOM AIR-CONDITIONER (Split system, Air cooled) cooling only type

SRK501CENF-L, SRK561CENF-L



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# 3.1 GENERAL INFORMATION

### 3.1.1 Specific features

The "Mitsubishi Daiya" room air conditioner: **SRK series** are of split and wall mounted type and the unit consists of indoor unit and outdoor unit with refrigerant precharged in factory. The indoor unit is composed of room air cooling or heating equipment with operation control switch and the outdoor unit is composed of condensing unit with compressor.

#### (1) Remote control flap

The flap can be automatically controlled by operating wireless remote control.

- AUTO (Natural flow) : Flap operation is automatically controlled.
- Swing : This will swing the flap up and down.
- Memory flap : Once the flap position is set, the unit memorizes the position and continues to operate at the same position from the next time.

#### (2) Automatic Operation

When the remote control switch is set on " auto ", it will either automatically decide operation mode such as cooling, heating and thermal dry, or operate in the operation mode before it has been turned to automatic control.

#### (3) Self diagnosis Function

We are constantly trying to do better service to our customers by installing such judges that show abnormality of operation as follows.



### 3.1.2. How to read the model name





# 3.2 SELECTION DATA

### 3.2.1 Specifications

Model SRK501CENF-L (Indoor unit)

SRC501CENF-L (Outdoor unit)

lte	em		Model	SRK501CENF-L	SRC501CENF-L	
Cooling capacity <sup>(1)</sup>		W	4500/4500			
Power source			1 Phase, 220/240V, 50 Hz			
Cooling input			kW	1.78/1.88		
5 Running current (Cooling)		Α	8.4/8.2			
rati ≘	Inrush curren	t c,	Α	39/42		
De	COP (In cooli	na)		2.53/2.39		
0.9	Noise level <sup>(5)</sup>	5/	dB (A)	44/44	50/51	
	Exterior dimensio Height × Width ×	ns : Depth	mm	275 × 790 × 189	615 × 850 × 290 + 30	
	Color			Ivory white	Polar white	
	Net weight		kg	9	52	
	Refrigerant equip Compressor typ	nent es & Q'ty		-	RM5523GNE4 (Rotary type) × 1	
	Motor		kW	-	1.7	
	Starting met	nod		-	Line starting	
	Heat exchanger			Louver fin	s & tubing	
	Refrigerant cont	rol		Capillar	ry tubes	
	Refrigerant <sup>(4)</sup>		kg	R22	1.28	
	Refrigerant oil		l	0.7 (BARREL FI	REEZE 32SAM)	
Air handling equipment			Tangential fan × 1	Propeller fan $\times 1$		
Motor		W/	22	40		
	Motor		~~	23	40	
	Motor Air flow (at High	)	CMM	11/11	34/34	
	Motor Air flow (at High Air filter, Q'ty	)	CMM	11/11 Polypropylene net (washable) × 2	34/34	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration	) absorber	СММ	11/11 Polypropylene net (washable) × 2	40 34/34 – Cushion rubber (for compressor)	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater	) absorber	СММ	23       11/11       Polypropylene net (washable) × 2       -     -       -     -	40 34/34 - Cushion rubber (for compressor) -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control	) absorber	CMM	23       11/11       Polypropylene net (washable) × 2       -     -       -     -       Wireless-Remote controller	40 34/34 - Cushion rubber (for compressor) -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl	) absorber n	CMM	23       11/11       Polypropylene net (washable) × 2       -     -       -     -       Wireless-Remote controller	40 34/34 - Cushion rubber (for compressor) - -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu	) absorber h ıre control		23       11/11       Polypropylene net (washable) × 2       -     -       -     -       Wireless-Remote controller       MC. Thermostat	40 34/34 - Cushion rubber (for compressor) - - - -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp	) absorber h ire control		23       11/11       Polypropylene net (washable) × 2       -     -       -     -       Wireless-Remote controller       MC. Thermostat       RUN (Green), TIMER (Yellow),	40 34/34 - Cushion rubber (for compressor) - - - - - -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp	) absorber h ire control		23         11/11         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)	40 34/34 - Cushion rubber (for compressor) - - - - - - - -	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment	) absorber h ire control		23         11//11         Polypropylene net (washable) × 2         -       -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)	40       34/34       -       Cushion rubber (for compressor)       -       -       -       -       Dome mounted protector (for compressor)       Internal thermostat (for fan motor)	
	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D	) absorber h Ire control	CMM	23         11/11         Polypropylene net (washable) × 2         -       -         Wireless-Remote controller       -         MC. Thermostat       RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)       -         -       -         Liquid line: \phi6.35 (1/4")	34/34	
srant	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m	) absorber h ire control	mm (in)	23         11/11         Polypropylene net (washable) × 2         -       -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -       -         Liquid line: \phi6.35 (1/4")         Flare con	34/34	
lefrigerant lefrigerant lefrigerant lefrigerant lefrigerant leftigerant leftig	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng	) absorber h ire control nethod th of piping	mm (in)	11/11 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \object{6.35} (1/4") Flare con Liquid line: 0.4m Gas line : 0.35m	40       34/34	
Refrigerant Refrigerant Piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation	) absorber h ire control iethod th of piping	mm (in)	11/11         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: \\$6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m	34/34	
Refrigerant piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose	) absorber h re control th of piping	mm (in)	11/11 Polypropylene net (washable) × 2 Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \phi6.35 (1/4") Flare con Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne	34/34	
Refrigerant piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source con	) absorber h re control th of piping d	mm (in)	11/11 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \object{6.35} (1/4") Flare con Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne 2.5 m (3 core	34/34	
Refrigerant piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection	) absorber h ure control th of piping d Size × Core number	mm (in)	11/11 Polypropylene net (washable) × 2 Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$6.35 (1/4") Flare cor Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne 2.5 m (3 core 1.5 mm <sup>2</sup> × 3 cores (In	34/34	
Refrigerant piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection wiring	absorber absorber h re control rethod th of piping d Size × Core number Connecting method	mm (in)	11/11 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$\operatorname{6.35}(1/4") Flare cor Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne 2.5 m (3 cores 1.5 mm <sup>2</sup> × 3 cores (In Terminal block (S	34/34	
Refrigerant Piping	Motor Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection wiring Accessories (inclu	absorber absorber h rre control ethod th of piping d Size × Core number Connecting method uded)	mm (in)	11/11 Polypropylene net (washable) × 2 Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$6.35 (1/4") Flare cor Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne 2.5 m (3 core 1.5 mm² × 3 cores (In Terminal block (S Mount	40         34/34         -         Cushion rubber (for compressor)         -         -         -         -         -         -         -         -         -         -         -         -         -         -         Dome mounted protector (for compressor)         Internal thermostat (for fan motor)         ) Gas line: \$12.7 (1/2")         nnecting         -         Both sides)         ctable         s with Earth)         iccluding earth cable)         icrew fixing type)         ing kit	

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

Item	Item Indoor air temperature		Outdoor air	Stondordo	
Operation	DB	WB	DB	WB	Stalidarus
Cooling	27°C	19°C	35°C	24°C	JIS C9612, ISO-T1

(2) The operation data are applied to the 220 V or 240 V districts respectively.

(3) Limitation of Voltage application

Minimum: 198 V Maximum: 264 V

(4) The refrigerant quantity to be charged includes the refrigerant in 7.5 m connecting piping.

(Purging is not required even in the short piping.)

If the piping length is longer, (when it is less than 10 m, add 10 g refrigerant per meter and when it is 10 to 15 m, add 30 g refrigerant per meter.) (5) Expressed in sound pressure level.



#### Model SRK561CENF-L (Indoor unit) SRC561CENF-L (Outdoor unit)

Item		Model	SRK561CENF-L	SRC561CENF-L		
Cooling capacity <sup>(1)</sup>		W	5000/5000			
Power source			1 Phase, 220/240V, 50 Hz			
			kW	2.08/2.18		
u S	Running curre	ent (Cooling)	Δ	10 2/9 53		
∃atio	Inrush curren	t	Δ	44/48		
pel ata	COP (In cooli		~	2 40/2 29		
00	Noise level <sup>(5)</sup>	.9/	dB (A)	45/45	53/54	
	Exterior dimensio	ns	mm			
	Height × Width ×	Depth		275 × 790 × 189	615 × 850 × 290 + 30	
	Color			Ivory white	Polar white	
	Net weight		ka	9	52	
	Refrigerant equip	nent	5	-		
	Compressor typ	es & Q'ty		-	RM5526GNE4 (Rotary type) × 1	
	Motor		kW	_	1.9	
	Starting met	nod		_	Line starting	
	Heat exchanger			Louver fin	s & tubing	
	Refrigerant cont	rol		Capillar	ry tubes	
	Refrigerant <sup>(4)</sup>		kg	R22	1.35	
	Refrigerant oil		l	0.7 (BARREL FI	REEZE 32SAM)	
	Air handling equip	oment				
	Fan type & Q'ty			Tangential fan × 1	Propeller fan $\times 1$	
Motor		w	23	40		
	WOLDI					
	Air flow (at High	)	СММ	12/12	34/34	
	Air flow (at High Air filter, Q'ty	)	СММ	<b>12/12</b> Polypropylene net (washable) × 2	34/34	
	Air flow (at High Air filter, Q'ty Shock & vibration	) absorber	СММ	<b>12/12</b> Polypropylene net (washable) × 2 –	34/34 - Cushion rubber (for compressor)	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater	) absorber	СММ	12/12 Polypropylene net (washable) × 2 –	34/34 – Cushion rubber (for compressor) –	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control	) absorber	СММ	12/12 Polypropylene net (washable) × 2	34/34 - Cushion rubber (for compressor) -	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl	) absorber h	СММ	12/12 Polypropylene net (washable) × 2 – – Wireless-Remote controller	34/34 - Cushion rubber (for compressor) - -	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu	) absorber h ire control	СММ	12/12 Polypropylene net (washable) × 2 – – Wireless-Remote controller MC. Thermostat	34/34 - Cushion rubber (for compressor) - - -	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp	) absorber n ure control	CMM	12/12 Polypropylene net (washable) × 2 – – Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow),	34/34 - Cushion rubber (for compressor) - - -	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp	) absorber h ıre control	СММ	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green)	34/34 - Cushion rubber (for compressor) - - - - - - -	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment	) absorber h ire control	CMM	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) -	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor)	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment	) absorber h ıre control	СММ	12/12         Polypropylene net (washable) × 2         -       -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -       -	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor)	
	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment	) absorber h ire control	CMM	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$6.35 (1/4")	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) ) Gas line: \phi12.7 (1/2")	
erant erant	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m	) absorber h ire control	CMM mm (in)	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$6.35 (1/4") Flare con	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) Gas line: \phi12.7 (1/2") mnecting	
Irigerant IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng	) absorber h ire control nethod th of piping	CMM mm (in)	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$\operatorname{4}\$ flare con Liquid line: 0.4m One line: 0.45m	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) Gas line: \phi12.7 (1/2") mnecting -	
Refrigerant	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng	) absorber h ire control nethod th of piping	CMM mm (in)	12/12 Polypropylene net (washable) × 2 - - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: \$\operatorname{6.35} (1/4") Flare con Liquid line: 0.4m Gas line : 0.35m	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) Gas line: \phi12.7 (1/2") mnecting - Both cideo)	
Refrigerant	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng	) absorber h ire control nethod th of piping	CMM mm (in)	12/12         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: φ6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) ) Gas line: \phi12.7 (1/2") mnecting - Both sides)	
Refrigerant piping	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose	) absorber h ire control nethod th of piping	CMM mm (in)	12/12 Polypropylene net (washable) × 2 - Wireless-Remote controller MC. Thermostat RUN (Green), TIMER (Yellow), ECONO (Orange), HI POWER (Green) - Liquid line: φ6.35 (1/4") Flare con Liquid line: 0.4m Gas line : 0.35m Necessary ( Conne	34/34 - Cushion rubber (for compressor) - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) ) Gas line: $\phi$ 12.7 (1/2") meeting - Both sides) ctable o with Earth)	
Refrigerant piping	Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source core	) absorber h ire control nethod th of piping	CMM mm (in)	12/12         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: φ6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m         Necessary (         Conne         2.5 m (3 core	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) ) Gas line: $\phi$ 12.7 (1/2") meeting - Both sides) ctable s with Earth) churding conth cohle)	
Refrigerant piping	Air flow (at High Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection	) absorber h ure control method th of piping d Size × Core number	CMM mm (in)	12/12         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: φ6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m         Necessary (         Conne         2.5 m (3 cores (In	34/34 - Cushion rubber (for compressor) - - - Dome mounted protector (for compressor) Internal thermostat (for fan motor) ) Gas line: $\phi$ 12.7 (1/2") meeting - Both sides) ctable s with Earth) necluding earth cable)	
Refrigerant piping	Air flow (at High Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection wiring	) absorber h ure control the of piping d Size × Core number Connecting method	CMM	12/12         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: φ6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m         Necessary (         Conne         2.5 m (3 core         1.5 mm² × 3 cores (In         Terminal block (S	34/34 Cushion rubber (for compressor) Dome mounted protector (for compressor) Internal thermostat (for fan motor) Gas line:  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Refrigerant         Image: Construction of the image of the imag	Air flow (at High Air flow (at High Air filter, Q'ty Shock & vibration Electric heater Operation control Operation switcl Room temperatu Pilot lamp Safety equipment O.D Connecting m Attached leng Insulation Drain hose Power source corr Connection wiring Accessories (inclu	) absorber h ure control the of piping d Size × Core number Connecting method uded)	CMM	12/12         Polypropylene net (washable) × 2         -         -         Wireless-Remote controller         MC. Thermostat         RUN (Green), TIMER (Yellow),         ECONO (Orange), HI POWER (Green)         -         Liquid line: φ6.35 (1/4")         Flare con         Liquid line: 0.4m         Gas line : 0.35m         Necessary (         Conne         2.5 m (3 core         1.5 mm² × 3 cores (In         Terminal block (S	34/34 Cushion rubber (for compressor) Dome mounted protector (for compressor) Internal thermostat (for fan motor) Gas line:  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	

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

Item	Indoor air temperature		Outdoor air	Standarda	
Operation	DB	WB	DB	WB	Stanuarus
Cooling	27°C	19°C	35°C	24°C	JIS C9612, ISO-T1

(2) The operation data are applied to the 220 V or 240 V districts respectively.

(3) Limitation of Voltage application

Minimum: 198 V Maximum: 264 V

(4) The refrigerant quantity to be charged includes the refrigerant in 7.5 m connecting piping.

(Purging is not required even in the short piping.)

If the piping length is longer, (when it is less than 10 m, add 10 g refrigerant per meter and when it is 10 to 15 m, add 30 g refrigerant per meter.)

(5) Expressed in sound pressure level.

SRK-C

### 3.2.2 Range of usage & limitations

#### (1) Inlet air temperature range





#### (2) Total one way piping length and vertical height difference.

Item	Models	All models
Total one way piping length (m)		15
Vertical height	Outdoor unit is higher	5
difference (m)	Outdoor unit is lower	5

#### (3) Voltage application

Item	All models
Minimum (V)	198
Maximum (V)	264

# SRK-C

### 3.2.3 Exterior dimensions

#### (1) Indoor unit

Models SRK501CENF-L. 561CENF-L



(2) Outdoor unit Models SRC501CENF-L, 561CENF-L





### 3.2.4 Piping system

Models SRK501CENF-L, 561CENF-L



SRK-C

### 3.3 ELECTRICAL DATA

### 3.3.1 Electrical wiring

Models SRK501CENF-L, 561CENF-L



Color symbol				
BK	Black			
BL	Blue			
BR	Brown			
RD	Red			
OR	Orange			
WH	White			
Y	Yellow			
LB	Light blue			
V/GN	Vellow/Green			

#### Meaning of marks

Symbol	Parts name	Symbol	Parts name
Cc	Capacitor for CM	LM	Louver motor
CFo	Capacitor for FMo	Th <sub>1</sub> , <sub>2</sub>	Thermistor
СМ	Compressor motor	ZNR	Varistor
F	Fuse	51C	Motor protector for CM
FM	Fan motor (Indoor unit)	52C	Magnetic contactor for CM
FMo	Fan motor (Outdoor unit)		

#### Table of relay operations

$\swarrow$	Operation	
Belay symbol	Control part	Cooling
52C	CM	0
520	CIVI	0

Notes (1)  $\bigcirc$ : denotes magentized relay  $\times$ : denotes demagnetized relay

(2)  $Th_1$  is room temperature thermistor.  $Th_2$  (the heat exchanger thermistor) is frost prevention thermistor.

(for details, refer to pages 74)

# 3.4 FUNCTIONS

Except for function relating to heating, same at the for SRK heat pump models, See Page 65.

# 3.5 APPLICATION DATA

The application data for the cooling only models are similar to those for the heat pump models. See Page 77.

# 3.6 MAINTENANCE DATA

Some at the cooling/heating equipment SRK heat pump models. See Page 85.