

# Inverter Multi-split System



The multi-split system allows a single outdoor unit to service a range of configurations of up to four indoor unit ---- from a lineup of 6 units ranging from 6.0kW to 13.5kW.



ZJX, ZJR, ZJ  
Wall mounted type **SRK**



Ceiling Concealed type **SRR**



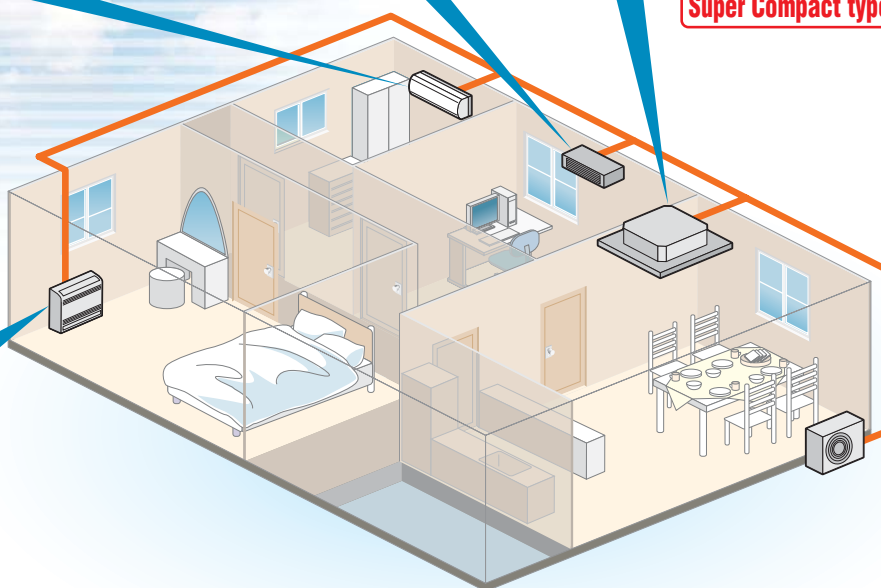
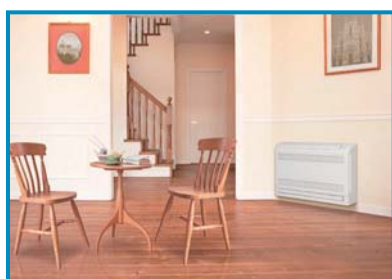
4way ceiling cassette type **FDTC**



600 x 600  
Super Compact type



Floor type **SRF**



## OUTDOOR UNIT



SCM40ZJ-S, SCM45ZJ-S  
SCM50ZJ-S, SCM60ZJ-S



SCM71ZJ-S, SCM80ZJ-S

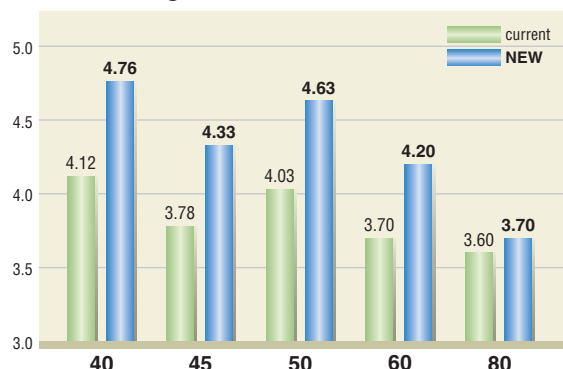
# The industry's highest COP levels

Our new models, SCM40~80ZJ-S have realized the highest level of COP (coefficient of performance) in the industry with full model change to both of outdoor and indoor (SRK series) units.

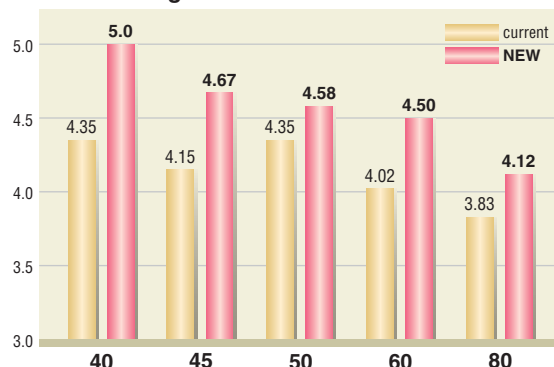
Outdoor unit uses new advanced compressors with new inverter control (Vector control) and new M shape fin.

Indoor units SRK series are the latest series, which are common to both of single and multi system, using the new heat exchanger and improved air flow system.

**EER in Cooling**



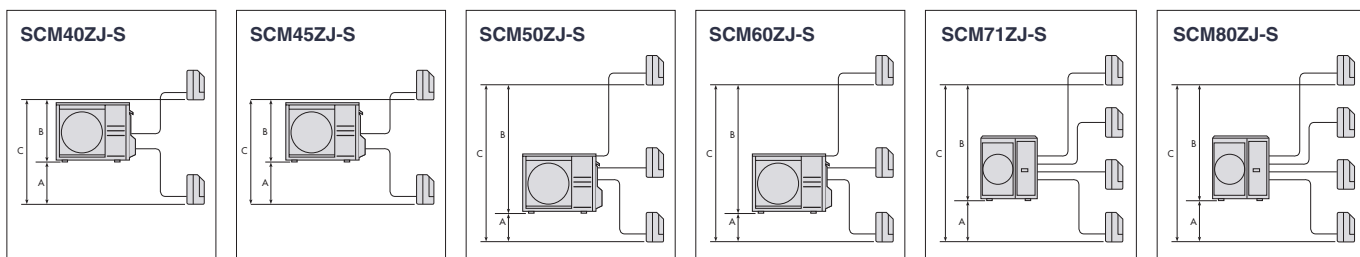
**COP in Heating**



## PIPING LENGTH

**Limit** The maximum piping length of the refrigerant pipes for the outdoor units, and the maximum height difference for the outdoor units are as shown below.

		SCM40ZJ-S	SCM45ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
length for one indoor unit		under 25m	under 25m	under 25m	under 25m	under 25m	under 25m
total length for all rooms		under 30m	under 30m	under 40m	under 40m	under 70m	under 70m
height difference	lower installation spot of the indoor unit (A)	under 15m	under 15m	under 15m	under 15m	under 20m	under 20m
	upper installation spot of the indoor unit (B)	under 15m	under 15m	under 15m	under 15m	under 20m	under 20m
	maximum height difference of the indoor units (C)	under 25m	under 25m	under 25m	under 25m	under 25m	under 25m
length of precharged refrigerant pipe		30m	30m	40m	40m	40m	40m



## OUTDOOR UNIT SPECIFICATIONS

Model Item			For two rooms		For three rooms		For four rooms	
			SCM40ZJ-S	SCM45ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
Power supply			1Phase, 220/230/240V, 50Hz					
Cooling capacity	ISO-T1	kW	4.0(1.8~5.9)	4.5(1.8~6.4)	5.0(1.8~7.1)	6.0(1.8~7.5)	7.1( ~ )	8.0(1.8~9.2)
Heating capacity	ISO-T1	kW	4.5(1.4~6.9)	5.6(1.4~7.4)	6.0(1.4~7.5)	6.8(1.5~7.8)	8.6( ~ )	9.3(1.5~9.8)
COP (In cooling)			4.76	4.33	4.63	4.2		3.70
COP (In heating)			5.00	4.67	4.58	4.5		4.12
Energy label (In cooling)			A	A	A	A		A
Energy label (In heating)			A	A	A	A		A
Sound power level *	Cooling	dB(A)	60	60	62	63		66
	Heating	dB(A)	62	62	65	65		66
Sound pressure level *	Cooling	dB(A)	47	47	49	50		54
	Heating	dB(A)	48	49	52	52		54
Air flow	Cooling	CMM	40.0	40.0	41.0	42.0	56.0	56.0
	Heating		40.0	40.0	41.0	42.0	56.0	56.0
Exterior dimensions (H×W×D)		mm	640×850(+65)×290				750×880(+73)×340	
Net weight		kg	47	47	48	49	62	
Compressor type			Twin rotary type×1					
Refrigerant			R410A					
Indoor units to be combined			20, 25, 35		20, 25, 35, 50		20, 25, 35, 50, 60	
Total of indoor units		class kW	6.0	7.0	8.5	11.0	12.5	13.5

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

## Multi System INDOOR UNIT



### SRK-ZJX

Wall mounted type



#### FUNCTION



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



#### SPECIFICATIONS

Item	Model	SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S	SRK60ZJX-S
Cooling capacity	ISO-T1(JIS) kW	2.0	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS) kW	3.0	3.4	4.5	5.8	6.8
Sound power level *	Cooling dB(A)	53	55	58	60	62
	Heating dB(A)	54	58	59	62	62
Sound pressure level *	Cooling dB(A)	Hi:39 Me:30 Lo:21	Hi:41 Me:31 Lo:22	Hi:43 Me:33 Lo:22	Hi:45 Me:38 Lo:26	Hi:47 Me:38 Lo:26
	Heating dB(A)	Hi:38 Me:33 Lo:25	Hi:41 Me:34 Lo:27	Hi:42 Me:35 Lo:27	Hi:45 Me:38 Lo:32	Hi:45 Me:39 Lo:33
Air flow	Cooling	Hi:11.5 Me:8.0 Lo:5.0	Hi:12.5 Me:9.0 Lo:5.0	Hi:13.5 Me:9.5 Lo:5.0	Hi:13.5 Me:11.0 Lo:8.0	Hi:14.5 Me:12.5 Lo:8.5
	Heating	Hi:12.0 Me:9.5 Lo:7.5	Hi:13.0 Me:10.0 Lo:7.5	Hi:14.0 Me:11.0 Lo:8.0	Hi:16.5 Me:14.5 Lo:10.5	Hi:17.0 Me:15.0 Lo:11.0
Exterior dimensions (H×W×D)	mm	309×890×220				
Net weight	kg	15				
Clean filter		Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1				
Piping	Liquid line	mm(in)	φ 6.35(1/4")			φ 12.7(1/2")
	Gas line	mm(in)	φ 9.52(3/8")			φ 12.7(1/2")
OUTDOOR UNITS TO BE COMBINED		SCM40,45,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

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### SRK-ZJR

Wall mounted type



#### FUNCTION



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



#### SPECIFICATIONS

Item	Model	SRK25ZJR-S	SRK35ZJR-S
Cooling capacity	ISO-T1(JIS) kW	2.5	3.5
Heating capacity	ISO-T1(JIS) kW	3.4	4.5
Sound power level *	Cooling dB(A)	49	57
	Heating dB(A)	55	58
Sound pressure level *	Cooling dB(A)	Hi:34 Me:28 Lo:21	Hi:41 Me:32 Lo:22
	Heating dB(A)	Hi:39 Me:31 Lo:24	Hi:42 Me:37 Lo:25
Air flow	Cooling	Hi:7.9 Me:6.0 Lo:5.0	Hi:10.1 Me:6.4 Lo:5.0
	Heating	Hi:11.0 Me:6.5 Lo:5.1	Hi:12.8 Me:9.4 Lo:6.1
Exterior dimensions (H×W×D)	mm	294×798×229	
Net weight	kg	9.5	
Clean filter		Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1	
Piping	Liquid line	mm(in)	φ 6.35(1/4")
	Gas line	mm(in)	φ 9.52(3/8")
OUTDOOR UNITS TO BE COMBINED		SCM40, 45, 50, 60, 71, 80ZJ-S	

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

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# Premium Series SRK-ZJ

## Wall mounted type



### FUNCTION



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



### SPECIFICATIONS

Item	Model	SRK20ZJ-S	SRK25ZJ-S	SRK35ZJ-S	SRK50ZJ-S
Cooling capacity	ISO-T1(JIS) kW	2.0	2.5	3.5	5.0
Heating capacity	ISO-T1(JIS) kW	3.0	3.4	4.5	5.8
Sound power level *	Cooling dB(A)	49	50	58	61
	Heating dB(A)	52	55	59	61
Sound pressure level *	Cooling dB(A)	Hi:33 Me:27 Lo:21	Hi:34 Me:28 Lo:21	Hi:42 Me:32 Lo:22	Hi:46 Me:37 Lo:26
	Heating dB(A)	Hi:36 Me:31 Lo:24	Hi:39 Me:31 Lo:24	Hi:43 Me:37 Lo:25	Hi:45 Me:37 Lo:31
Air flow	Cooling	Hi:7.8 Me:5.6 Lo:4.8	Hi:7.9 Me:6.0 Lo:5.0	Hi:10.1 Me:6.4 Lo:5.0	Hi:11.3 Me:7.8 Lo:5.3
	Heating	Hi:9.8 Me:6.3 Lo:5.0	Hi:10.6 Me:6.5 Lo:5.1	Hi:12.8 Me:9.4 Lo:6.1	Hi:13.5 Me:10.2 Lo:7.5
Exterior dimensions (H×W×D)	mm	294×798×229			
Net weight	kg	9.5			
Clean filter		Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1			
Piping	Liquid line	φ 6.35(1/4")			
	Gas line	φ 9.52(3/8")			
OUTDOOR UNITS TO BE COMBINED		SCM40,45,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
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# SRF-ZJX

## Floor type



### FUNCTION



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



### SPECIFICATIONS

Model			SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-S
Cooling capacity		ISO-T1(JIS) kW	2.5	3.5	5.0
Heating capacity		ISO-T1(JIS) kW	3.4	4.5	5.8
Sound power level *		Cooling dB(A)	51	52	58
		Heating dB(A)	51	52	58
Sound pressure level *		Cooling dB(A)	Hi:40 Me:32 Lo:26	Hi:41 Me:34 Lo:28	Hi:47 Me:39 Lo:30
		Heating dB(A)	Hi:40 Me:35 Lo:28	Hi:41 Me:36 Lo:31	Hi:47 Me:39 Lo:32
Air flow	Indoor	Cooling	Hi:9.0 Me:7.6 Lo:5.8	Hi:9.2 Me:7.8 Lo:6.4	Hi:11.5 Me:9.6 Lo:6.6
		Heating	Hi:10.5 Me:8.2 Lo:6.6	Hi:10.7 Me:8.3 Lo:7.4	Hi:12.0 Me:10.0 Lo:7.6
Exterior dimensions (H×W×D)		mm	600×860×238		
Net weight		kg	18	19	
Clean filter			Natural Enzyme FilterX1 Photocatalytic Washable Deodorizing FilterX1		
Piping	Liquid line	mm(in)	φ 6.35(1/4")		
	Gas line	mm(in)	φ 9.52(3/8")		
OUTDOOR UNITS TO BE COMBINED			SCM40.45.50.60.71.80ZJ-S		SCM50.60.71.80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
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# INVERTER MULTI-SPLIT SYSTEM

## SRR-ZJ

Ceiling Concealed type



### FUNCTION



#### Comfortable Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



### OPTIONAL PARTS FOR DUCTED TYPE



### SPECIFICATIONS

Item	Model	SRR25ZJ-S	SRR35ZJ-S	SRR50ZJ-S	SRR60ZJ-S
Cooling capacity	ISO-T1(JIS) kW	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS) kW	3.4	4.5	5.8	6.8
Sound power level *	Cooling dB(A)	54	56	60	63
	Heating dB(A)	55	57	60	63
Sound pressure level *	Cooling dB(A)	Hi:40 Me:35 Lo:29	Hi:42 Me:37 Lo:30	Hi:48 Me:42 Lo:33	Hi:51 Me:44 Lo:35
	Heating dB(A)	Hi:41 Me:38 Lo:31	Hi:43 Me:40 Lo:32	Hi:48 Me:45 Lo:36	Hi:51 Me:47 Lo:38
Air flow Q'ty (Hi)	Cooling CMM	8.5	9.0	10.5	12.5
	Heating CMM	10.0	11.0	13.0	15.0
Exterior dimensions(H×W×D)	mm	230×740×455			
Net weight	kg	22		23	
Piping	Liquid line mm(in)	φ 6.35(1/4")		φ 6.35(1/4")	
	Gas line mm(in)	φ 9.52(3/8")		φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED		SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

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## FDTC-VD

4way ceiling cassette type

600×600  
Super Compact type

Wired remote control



RC-E4  
(option)

Wireless remote control



RCH-E3  
(option)

RCN-TC-24W-ER  
(option)



### FUNCTION

#### Comfortable Functions



#### Comfortable Air Flow Functions



#### Convenient & Economy Functions



#### Maintenance & Prevention Functions



#### Others



### SPECIFICATIONS

Item	Model	FDTC25VD	FDTC35VD	FDTC50VD	FDTC60VD
Cooling capacity	ISO-T1(JIS) kW	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS) kW	3.4	4.5	5.8	6.8
Sound pressure level *	Cooling dB(A)	Hi:36 Me:32 Lo:29	Hi:40 Me:36 Lo:30	Hi:42 Me:36 Lo:30	Hi:46 Me:39 Lo:30
	Heating dB(A)	Hi:38 Me:33 Lo:29.5	Hi:42 Me:35 Lo:32	Hi:42 Me:36 Lo:32	Hi:46 Me:39 Lo:32
Air flow Q'ty (Hi)	Cooling CMM	9	9.5	11.5	13.5
	Heating CMM	9.5	10.0	11.5	13.5
Exterior dimensions (H×W×D)	Main unit mm	248×570×570			
	Panel mm	35×700×700			
Net weight	Main unit kg	15			
	Panel kg	3.5			
Piping	Liquid line mm(in)	φ 6.35(1/4")		φ 6.35(1/4")	
	Gas line mm(in)	φ 9.52(3/8")		φ 12.7(1/2")	
OUTDOOR UNITS TO BE COMBINED		SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

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※ Powerful-Hi can be selected. Sound level:25VD(Cooling:38 Heating:39), 35VD(Cooling:41 Heating:43), 40/50/60VD(Cooling:47 Heating:47)