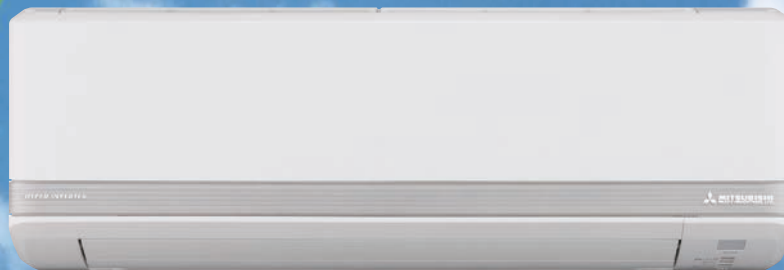




# High Performance Air-Conditioning 2015



50Hz  
15R03E

**SR** series  
Residential Air Conditioners

# INVERTER HEAT PUMP MODEL

**Diamond Series**

# SRK-ZMX



Wall Mounted type



**SRK20ZMX-S, SRK25ZMX-S, SRK35ZMX-S  
SRK50ZMX-S, SRK60ZMX-S**



All SRK-ZMX series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.



SRK50/60ZMX can be selected for use as indoor units in the combination with V Multi system outdoor unit. Refer to our Inverter Packaged Air-Conditioners brochure for details.



Standard equipment



SRC20ZMX-S, SRC25ZMX-S, SRC35ZMX-S



SRC50ZMX-S, SRC60ZMX-S

## FUNCTION



### Comfortable Functions



### Comfortable Air Flow Functions



### Convenient & Economy Functions



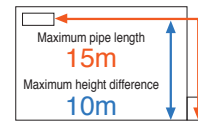
### Maintenance & Prevention Functions



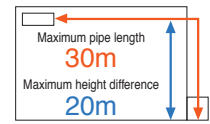
### Others



## Refrigerant pipe length



SRK20ZMX-S  
SRK25ZMX-S  
SRK35ZMX-S



SRK50ZMX-S  
SRK60ZMX-S

## SPECIFICATIONS

Indoor unit				SRK20ZMX-S	SRK25ZMX-S	SRK35ZMX-S	SRK50ZMX-S	SRK60ZMX-S
Outdoor unit				SRC20ZMX-S	SRC25ZMX-S	SRC35ZMX-S	SRC50ZMX-S	SRC60ZMX-S
Power source				1Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min~Max)	kW	2.0 (0.9~3.1)	2.55 (0.9~3.2)	3.5 (0.9~4.1)	5.0 (1.1~5.8)	6.1 (1.1~6.8)		
Nominal heating capacity (Min~Max)	kW	2.5 (0.9~4.3)	3.13 (0.9~4.7)	4.3 (0.9~5.1)	6.0 (0.6~7.7)	6.8 (0.6~8.2)		
Power consumption	Cooling/Heating	kW	0.35 / 0.45	0.49 / 0.595	0.845 / 0.96	1.30 / 1.36	1.87 / 1.67	
EER/COP	Cooling/Heating		5.71 / 5.56	5.20 / 5.26	4.14 / 4.48	3.85 / 4.41	3.26 / 4.07	
Inrush current	220/230/240 V	A	2.4 / 2.3 / 2.2	3.1 / 2.9 / 2.8	4.6 / 4.4 / 4.2	6.2 / 6.0 / 5.7	8.6 / 8.2 / 7.9	
Max. running current			8	8	8	15	15	
* Sound power level	Indoor	Cooling/Heating	53 / 54	55 / 58	58 / 59	60 / 64	64 / 64	
	Outdoor	Cooling/Heating	60 / 59	60 / 60	63 / 62	63 / 63	65 / 64	
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	39 / 30 / 24 / 21	41 / 31 / 25 / 22	43 / 33 / 25 / 22	47 / 40 / 27 / 25	51 / 41 / 29 / 25	
		Heating (Hi/Me/Lo/Ulo)	38 / 33 / 25 / 21	41 / 34 / 27 / 21	42 / 35 / 27 / 22	48 / 40 / 33 / 26	48 / 41 / 34 / 27	
	Outdoor	Cooling/Heating	47 / 47	47 / 47	50 / 50	54 / 50	54 / 54	
		Air flow						
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	11.5 / 8.0 / 6.3 / 5.0	12.5 / 9.0 / 6.3 / 5.0	13.5 / 9.5 / 6.5 / 5.0	13.5 / 11.0 / 8.0 / 7.0	14.5 / 12.5 / 8.5 / 7.0	
		Heating (Hi/Me/Lo/Ulo)	12.0 / 9.5 / 7.0 / 6.3	13.0 / 10.0 / 7.5 / 6.3	14.0 / 11.0 / 8.0 / 6.5	17.0 / 14.5 / 10.5 / 8.0	17.5 / 15.0 / 11.0 / 8.5	
	Outdoor	Cooling/Heating	29.5 / 27.0	29.5 / 27.0	32.5 / 29.5	39.0 / 33.0	41.5 / 39.0	
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	309 x 890 x 220				
	Outdoor			595 x 780(+62) x 290		640 x 800(+71) x 290		
Net weight	Indoor / Outdoor	kg	13.5 / 35			13.5 / 45		
Ref.piping size	Liquid/Gas	Ømm	6.35(1/4") / 9.52(3/8")			6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length		m	Max.15					
Vertical height differences	Outdoor is higher/lower	m	Max.10 / Max.10			Max.20 / Max.20		
Outdoor operating temperature range	Cooling	°C	-15~46					
	Heating		-15~24					
Clean filter			Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1					

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.

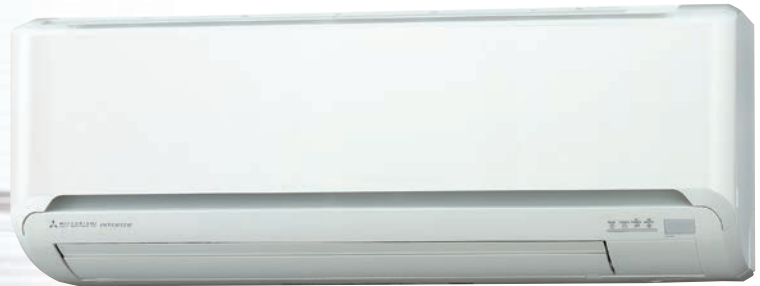
\* Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# INVERTER HEAT PUMP MODEL



# SRK-ZM

Wall Mounted type

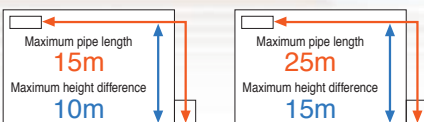


SRK20ZM-S, SRK25ZM-S  
SRK35ZM-S, SRK50ZM-S



All SRK-ZM series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

## Refrigerant pipe length



SRK20ZM-S, SRK25ZM-S  
SRK35ZM-S

SRK50ZM-S



Standard equipment



SRC20ZM-S, SRC25ZM-S  
SRC35ZM-S



SRC50ZM-S

## FUNCTION



## SPECIFICATIONS

Indoor unit			SRK20ZM-S	SRK25ZM-S	SRK35ZM-S	SRK50ZM-S
Outdoor unit			SRC20ZM-S	SRC25ZM-S	SRC35ZM-S	SRC50ZM-S
Power source			1 Phase, 220 - 240V, 50Hz			
Nominal cooling capacity (Min~Max)		kW	2.0(1.0~2.7)	2.5(1.0~2.9)	3.5(1.0~3.8)	5.0(1.6~5.5)
Nominal heating capacity (Min~Max)		kW	2.7(1.2~3.9)	3.2(1.2~4.2)	4.0(1.3~4.8)	5.8(1.6~6.6)
Power consumption		Cooling/Heating	0.44 / 0.62	0.62 / 0.80	1.01 / 1.00	1.55 / 1.59
EER/COP		Cooling/Heating	4.55 / 4.35	4.03 / 4.00	3.47 / 4.00	3.23 / 3.65
Inrush current		220/230/240 V	3.2 / 3.1 / 3.0	4.0 / 3.8 / 3.7	4.9 / 4.7 / 4.5	7.3 / 7.0 / 6.7
Max. running current			9	9	9	14
* Sound power level	Indoor	Cooling/Heating	49 / 52	50 / 55	58 / 59	60 / 61
	Outdoor	Cooling/Heating	59 / 58	60 / 61	62 / 63	61 / 63
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	33 / 27 / 24 / 21	34 / 28 / 24 / 21	42 / 32 / 26 / 22	46 / 37 / 28 / 25
		Heating (Hi/Me/Lo/Ulo)	36 / 31 / 24 / 21	39 / 31 / 24 / 21	43 / 37 / 25 / 22	45 / 37 / 31 / 27
	Outdoor	Cooling/Heating	47 / 46	48 / 49	50 / 51	51 / 53
		Cooling (Hi/Me/Lo/Ulo)	7.8 / 5.6 / 5.3 / 4.8	7.9 / 6.0 / 5.3 / 5.0	10.1 / 6.4 / 5.4 / 5.0	11.3 / 7.8 / 6.0 / 5.3
Air flow	Indoor	Heating (Hi/Me/Lo/Ulo)	9.8 / 6.3 / 5.0 / 4.5	10.6 / 6.5 / 5.1 / 4.6	12.8 / 9.4 / 6.1 / 4.8	13.5 / 10.2 / 7.5 / 6.2
	Outdoor	Cooling/Heating	29.5 / 25.6	32.1 / 25.6	31.5 / 27.8	36.0 / 36.0
Exterior dimensions	Indoor	HeightxWidthxDepth	294 x 798 x 229			
	Outdoor		540 x 780(+62) x 290		640 x 800(+71) x 290	
Net weight	Indoor / Outdoor	kg	9.5 / 31.5		9.5 / 34.5	9.5 / 40.5
Ref.piping size	Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")			6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length		m	Max. 15			
Vertical height differences		Outdoor is higher/lower	m		Max. 10 / Max. 10	Max. 15 / Max. 15
Outdoor operating temperature range	Cooling	°C	-15~46			
	Heating	°C	-15~24			
Clean filter			Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1			

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.

# INVERTER HEAT PUMP MODEL



# SRK-ZMP

Wall Mounted type



SRK25ZMP-S, SRK35ZMP-S  
SRK45ZMP-S



Standard equipment

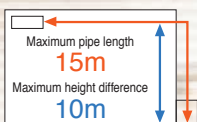


SRK25ZMP-S  
SRK35ZMP-S

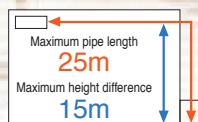


SRK45ZMP-S

## Refrigerant pipe length



SRK25ZMP-S  
SRK35ZMP-S



SRK45ZMP-S

## FUNCTION



### Comfortable Functions



### Comfortable Air Flow Functions



### Convenient & Economy Functions



### Maintenance & Prevention Functions



### Others



## SPECIFICATIONS

Indoor unit			SRK25ZMP-S	SRK35ZMP-S	SRK45ZMP-S
Outdoor unit			SRC25ZMP-S		SRC45ZMP-S
Power source			1 Phase, 220 - 240V, 50Hz		
Nominal cooling capacity (Min~Max)		kW	2.5(0.9~2.8)	3.2(0.9~3.5)	4.5(0.9~4.8)
Nominal heating capacity (Min~Max)		kW	2.8(0.8~3.9)	3.6(0.9~4.3)	5.0(0.8~5.8)
Power consumption		kW	Cooling/Heating 0.78 / 0.755		0.995 / 0.995 1.495 / 1.385
EER/COP		Cooling/Heating	3.21/3.71		3.22 / 3.62 3.01 / 3.61
Inrush current		220/230/240 V	A		3.9 / 3.8 / 3.6 4.9 / 4.7 / 4.5 7.0 / 6.7 / 6.4
Max. running current			9		14
* Sound power level	Indoor	Cooling/Heating	59 / 58		60 / 64
	Outdoor	Cooling/Heating	60 / 59		65 / 65
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	45 / 34 / 23		47 / 36 / 23
		Heating (Hi/Me/Lo)	43 / 34 / 26		44 / 36 / 28
	Outdoor	Cooling/Heating	47 / 45		49 / 48 52 / 53
Air flow	Indoor	Cooling (Hi/Me/Lo)	10.1 / 7.3 / 4.2		9.5 / 6.8 / 4.2
		Heating (Hi/Me/Lo)	9.5 / 7.3 / 5.2		9.6 / 7.4 / 5.5
	Outdoor	Cooling/Heating	26.0 / 19.7		25.4 / 20.5 35.5 / 33.5
Exterior dimensions	Indoor	HeightxWidthxDPTH	mm		
	Outdoor		262 x 769 x 210		
Net weight	Indoor / Outdoor	kg	540 x 645(+57) x 275		595 x 780(+62) x 290
Ref.piping size	Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length		m	Max. 15		
Vertical height differences		Outdoor is higher/lower	m		Max. 10 / Max. 10 Max. 15 / Max. 15
Outdoor operating temperature range	Cooling	°C	-15~46		
	Heating	°C	-15~24		
Clean filter			-		

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.

# INVERTER HEAT PUMP MODEL

# FDTC-VF

4way Ceiling Cassette type



Fits into standard  
600 x 600 ceiling

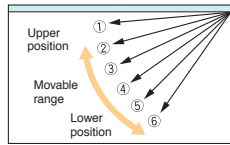
## Individual flap control system

According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation.



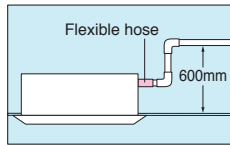
## Flap control system

Selection of flap position is possible. Individual flaps can be set at different angles.



## 600mm Drain Pump is mounted

Drain can be discharged upward by 600mm from the ceiling surface close to the indoor unit. It allows a piping layout with a high degree of freedom depending on the installation location.



FDTC25VF, FDTC35VF,  
FDTC40VF, FDTC50VF,  
FDTC60VF



All FDTC-VF series (except FDTC40VF) can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

Wired remote control (option)



Wireless remote control (option)

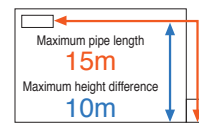


SRC25ZMX-S, SRC35ZMX-S

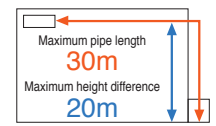


SRC40ZMX-S, SRC50ZMX-S,  
SRC60ZMX-S

### Refrigerant pipe length



FDTC25VF, FDTC35VF



FDTC40VF, FDTC50VF  
FDTC60VF

## FUNCTION

Comfortable Functions



Comfortable Air Flow Functions



Convenient & Economy Functions



Maintenance & Prevention Functions



Others



## SPECIFICATIONS

Indoor unit			FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF	FDTC60VF		
Outdoor unit			SRC25ZMX-S	SRC35ZMX-S	SRC40ZMX-S	SRC50ZMX-S	SRC60ZMX-S		
Power source			1 Phase, 220 - 240V, 50Hz						
Nominal cooling capacity (Min~Max)		kW	2.55 (0.9 ~ 3.2)	3.6 (0.9 ~ 4.1)	4.0 (1.1 ~ 4.7)	5.0 (1.1 ~ 5.6)	5.6 (1.1 ~ 6.3)		
Nominal heating capacity (Min~Max)		kW	3.45 (0.9 ~ 4.7)	4.25 (0.9 ~ 5.1)	4.5 (0.6 ~ 5.4)	5.4 (0.6 ~ 6.3)	6.7 (0.6 ~ 6.7)		
Power consumption		Cooling/Heating	kW		0.6 / 0.84	1.07 / 1.16	1.04 / 1.10	1.56 / 1.45	1.99 / 2.07
EER/COP		Cooling/Heating	4.25 / 4.11		3.36 / 3.66	3.85 / 4.09	3.21 / 3.72	2.81 / 3.24	
Inrush current		220/230/240 V	A		4.1 / 4.0 / 3.8	5.3 / 5.1 / 4.9	5.0	5.0	5.0
Max. running current			9		9	12	14	14	
* Sound power level	Indoor	Cooling/Heating	56		58	60	60	60	
	Outdoor	Cooling/Heating	56		58	63	63	64	
* Sound pressure level	Indoor	Cooling (Hi/Me/Lo)	36 / 32 / 29		40 / 36 / 30	42 / 36 / 30	42 / 36 / 30	46 / 39 / 30	
		Heating (Hi/Me/Lo)	38 / 33 / 29.5		42 / 35 / 32	42 / 36 / 32	42 / 36 / 32	46 / 39 / 32	
	Outdoor	Cooling/Heating	47 / 47		50 / 50	50 / 50	54 / 50	54 / 54	
		Cooling (Hi/Me/Lo)	9 / 8 / 6.5		9.5 / 9 / 7	11.5 / 9 / 7	11.5 / 9 / 7	13.5 / 10 / 7	
Air flow	Indoor	Heating (Hi/Me/Lo)	m <sup>3</sup> /min		9.5 / 8.5 / 7	10 / 9 / 8	11.5 / 9 / 8	11.5 / 9 / 8	13.5 / 10 / 8
		Cooling/Heating	29.5 / 27.0		32.5 / 29.5	36 / 33	40 / 33	41.5 / 39	
	Outdoor	Cooling/Heating	Unit : 248 x 570 x 570 Panel : 35 x 700 x 700						
Exterior dimensions	Indoor / Outdoor	HeightxWidthxDepth	mm		595 x 780(+62) x 290	640 x 800(+71) x 290			
Net weight	Indoor / Outdoor	kg	18.5 (Unit : 15 Panel : 3.5) / 35		18.5 (Unit : 15 Panel : 3.5) / 45				
Ref.piping size	Liquid/Gas	Ømm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")				
Refrigerant line (one way) length		m	Max. 15		Max. 30				
Vertical height differences	Outdoor is higher/lower	m	Max. 10 / Max.10		Max. 20 / Max.20				
Outdoor operating temperature range	Cooling	°C	-15~46						
	Heating	-15~21							
Clean filter			TC-PSA-25W-E						

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.

※ Powerful-HI can be selected. Sound level dB(A):25VF(Cooling:38 Heating:39), 35VF(Cooling:41 Heating:43), 40/50/60VF(Cooling:47 Heating:47), Airflow m<sup>3</sup>/min:25VF(Cooling:10 Heating:10.5), 35VF(Cooling:11 Heating:11.5), 40/50/60VF(Cooling:13.5 Heating:13.5)