

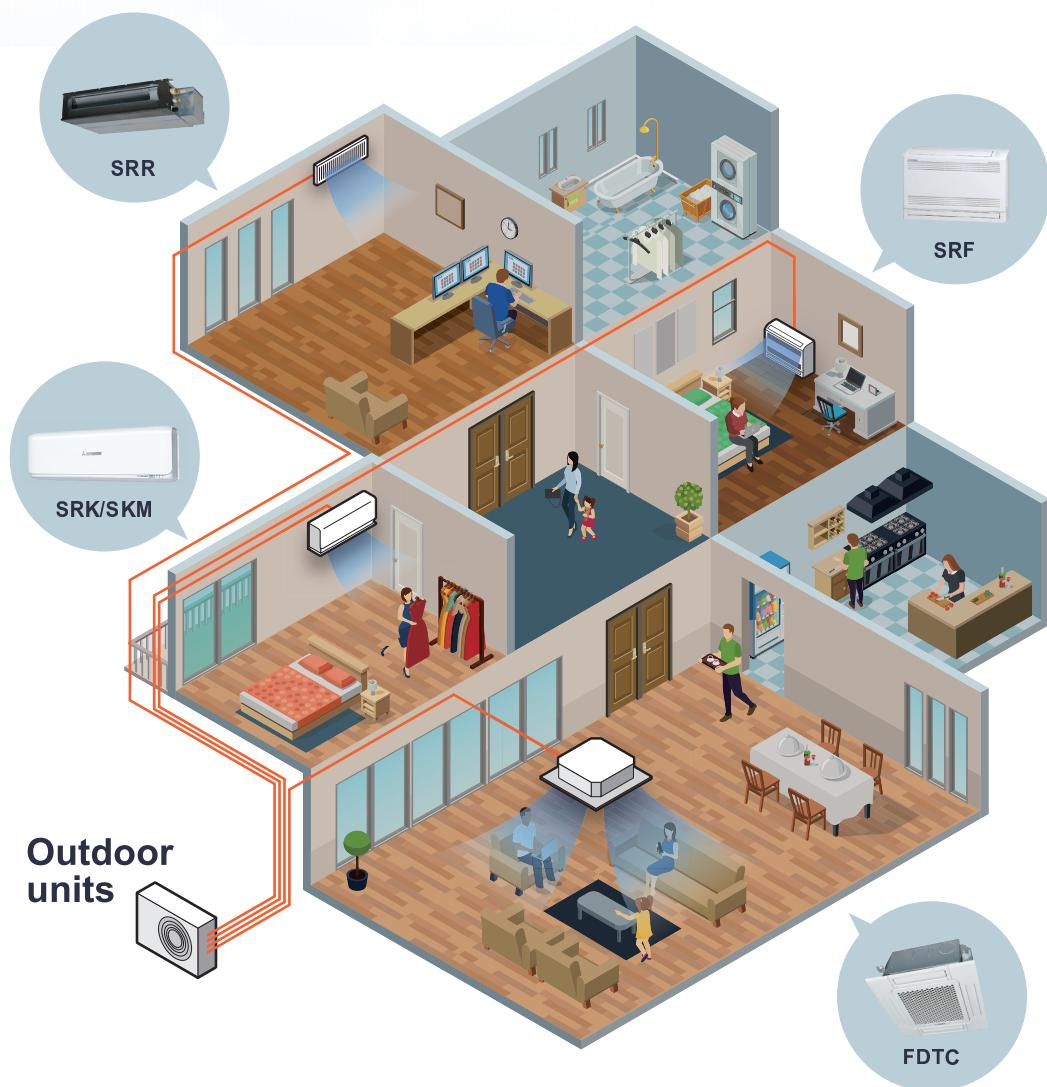
# MULTI-SPLIT SYSTEM

# MULTI-SPLIT SCM

The Multi DC Inverter range is an innovative Multi-split systems from Mitsubishi Heavy Industries Thermal Systems which offers the perfect answer for air conditioning comfort in several environments. An outdoor unit can air condition up to 6 different rooms. Utilising a range of compact and elegant indoor units that are available in 6 different types make air conditioning any indoor environment possible. The whole range is characterised by high flexibility, high energy efficiency and extremely low noise levels.



## A wide variety of choices for indoor units





# MULTI-SPLIT SYSTEM

## Outdoor Units

Line up of multi split systems use R32 refrigerant.



SCM40ZS-W  
SCM45ZS-W



SCM50ZS-W  
SCM60ZS-W



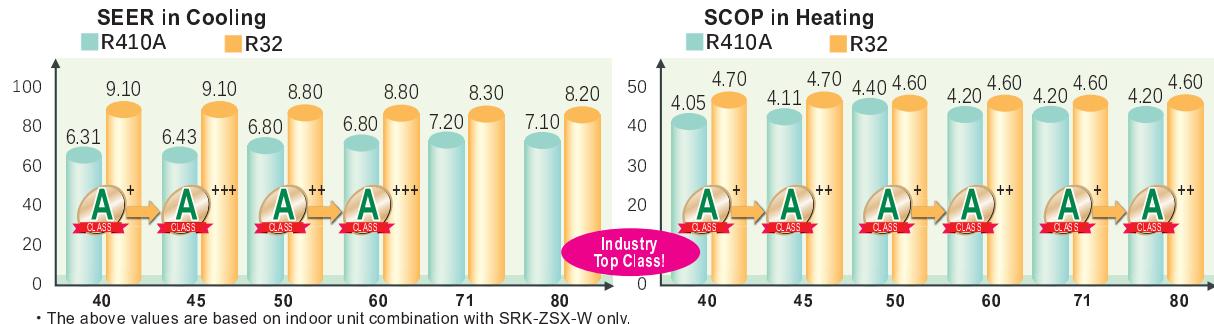
SCM71ZS-W  
SCM80ZS-W

**NEW**

## High energy efficiency by new refrigerant R32

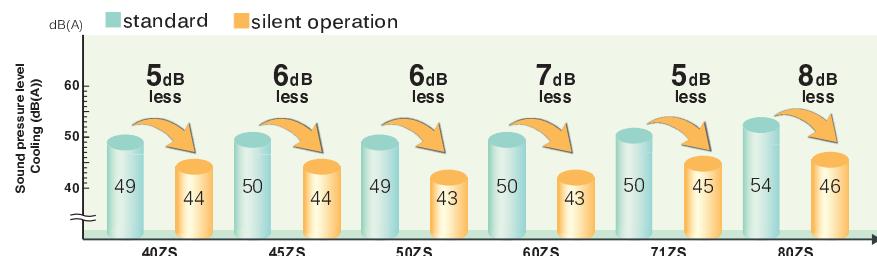
R32 is the next generation refrigerant that boasts nearly 70% lower Global Warming Potential Rate than R410A. Due to its superior qualities R32 offers amazing energy efficiency benefits. It has a potential refrigerating effect 1.5 times that of R410A meaning it needs less energy to achieve the desired temperature and requires less refrigerant volume to operate.

### ■ Improved SEER and SCOP



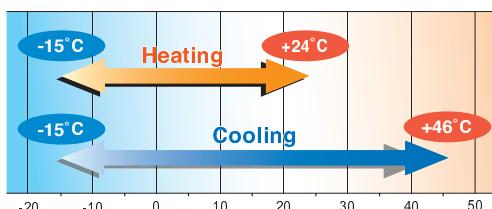
## Comfort

Thanks to the application of the Twin Rotary compressor, the outdoor units have low noise levels. Silent operation is installed in all outdoor units.



## Wide Range of Operation

Expand the cooling range to 46°C



## Installation Flexibility

You are given greater freedom to decide where the indoor units will be installed to optimize interior space and convenience.

	SCM40/ 45ZS-W	SCM50/ 60ZS-W	SCM71/ 80ZS-W
length for one indoor unit	under 25m	under 25m	under 25m
total length for all rooms	under 30m	under 40m	under 70m
height difference	lower installation spot of the indoor unit upper installation spot of the indoor unit	under 15m under 15m	under 20m under 20m
maximum height difference of the indoor units	under 25m	under 25m	under 25m
length of chargeless refrigerant pipe	20m	40m	30m

## ■SPECIFICATIONS

Item	Model	For two rooms		For three rooms	
		SCM40ZS-W	SCM45ZS-W	SCM50ZS-W	SCM60ZS-W
Power Source		1Phase, 220 - 240V, 50Hz			
Nominal cooling capacity (Min~Max)	kW	4.0(1.5~5.9)	4.5(1.5~6.4)	5.0(1.7~7.1)	6.0(1.7~7.5)
Nominal heating capacity (Min~Max)	kW	4.5(1.0~6.3)	5.3(1.0~6.5)	6.0(1.0~7.5)	6.8(1.0~7.8)
Power Consumption	Cooling	kW	0.80(0.34~2.10)	0.96(0.34~2.30)	1.02(0.43~2.15)
	Heating	kW	0.83(0.25~1.48)	1.06(0.25~1.48)	1.16(0.32~2.50)
EER	Cooling		5.00	4.69	4.90
COP	Heating		5.42	5.00	5.17
Max. running current		A	14	14	15
	Cooling	dB(A)	62	63	62
Sound power level	Heating	dB(A)	64	65	64
Sound pressure level	Cooling	dB(A)	49	50	49
	Heating	dB(A)	51	52	52
Air flow	Cooling		32.5	32.5	41.0
	Heating	m³/min	32.5	32.5	41.0
Exterior dimensions (H×W×D)	mm	595×780(+90)×290			640×850(+65)×290
Net weight	kg	40.0		48.5	
Refrigerant	Type/GWP	R32/675			
	Charge	kg/TCO₂Eq	1.4/0.945		1.8/1.215
Refrigerant piping size	Liquid	Φmm	6.35(1/4")×2		6.35(1/4")×3
	Gas		9.52(3/8")×2		9.52(3/8")×3
Outdoor operating temperature range	Cooling	°C	-15~46		
	Heating		-15~24		
Number of Connectable indoor units			2	2	Min.2~Max.3
Total indoor units capacity	kW	6.0	7.0	8.5	11.0

Item	Model	For four rooms	
		SCM71ZS-W	SCM80ZS-W
Power Source		1Phase, 220 - 240V, 50Hz	
Nominal cooling capacity (Min~Max)	kW	7.1(1.8~8.8)	8.0(1.8~9.2)
Nominal heating capacity (Min~Max)	kW	8.6(1.1~9.4)	9.3(1.1~9.8)
Power Consumption	Cooling	kW	1.42(0.48~2.75)
	Heating	kW	1.75(0.35~3.00)
EER	Cooling		5.00
COP	Heating		4.91
Max. running current		A	20
	Cooling	dB(A)	63
Sound power level	Heating	dB(A)	67
Sound pressure level	Cooling	dB(A)	50
	Heating	dB(A)	54
Air flow	Cooling		50.0
	Heating	m³/min	56.0
Exterior dimensions (H×W×D)	mm	750×880(+73)×340	
Net weight	kg	61.0	
Refrigerant	Type/GWP	R32/675	
	Charge	kg/TCO₂Eq	2.55/1.721
Refrigerant piping size	Liquid	Φmm	6.35(1/4")×4
	Gas		9.52(3/8")×4
Outdoor operating temperature range	Cooling	°C	-15~46
	Heating		-15~24
Number of Connectable indoor units		Min.2~Max.4	
Total indoor units capacity	kW	12.5	13.5

- The data are measured under the following conditions(ISO-T1, H1). 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.
- Sound level Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- 'tonne(s) of CO<sub>2</sub> equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.

# MULTI-SPLIT SYSTEM

## ■ INDOOR UNITS SPECIFICATION FOR MULTI COMBINATIONS

Wall Mounted

### SRK-ZSX

Item	Model	SRK20ZSX-W,-WB,-WT	SRK25ZSX-W,-WB,-WT	SRK35ZSX-W,-WB,-WT	SRK50ZSX-W,-WB,-WT	SRK60ZSX-W,-WB,-WT
Nominal cooling capacity	kW	2.0	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.0	3.4	4.5	5.8	6.8
Sound power level	Cooling	dB(A)	53	55	58	59
	Heating	dB(A)	55	56	58	62
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	38 / 31 / 24 / 19	39 / 33 / 25 / 19	43 / 35 / 26 / 19	44 / 39 / 31 / 22
	Heating(Hi/Me/Lo/Ulo)	dB(A)	38 / 33 / 25 / 19	40 / 34 / 27 / 19	42 / 35 / 28 / 19	46 / 41 / 33 / 23
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	11.3 / 9.1 / 6.0 / 5.0	12.2 / 10.0 / 6.7 / 5.0	13.1 / 10.8 / 7.3 / 5.0	14.3 / 12.4 / 7.8 / 5.4
	Heating(Hi/Me/Lo/Ulo)	m³/min	12.2 / 10.3 / 7.2 / 5.4	12.8 / 11.0 / 7.8 / 5.4	13.9 / 11.8 / 8.6 / 5.4	17.3 / 14.3 / 9.8 / 6.2
Exterior dimensions (H×W×D)	mm			305×920×220		
Net weight	kg			13.0		
Refrigerant piping size	Liquid / Gas	Φmm		6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")
Clean filter				Allergen Clear Filter ×1, Photocatalytic Washable Deodorising Filter ×1		



Wall Mounted

### SRK-ZR

Item	Model	SRK71ZR-W
Nominal cooling capacity	kW	7.1
Nominal heating capacity	kW	8.0
Sound power level	Cooling	dB(A)
	Heating	dB(A)
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)
	Heating(Hi/Me/Lo/Ulo)	dB(A)
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min
	Heating(Hi/Me/Lo/Ulo)	m³/min
Exterior dimensions (H×W×D)	mm	339×1197×262
Net weight	kg	15.5
Refrigerant piping size	Liquid / Gas	Φmm
Clean filter		Allergen Clear Filter ×1, Photocatalytic Washable Deodorising Filter ×1



Wall Mounted

### SRK-ZS

Item	Model	SRK20ZS-W,-WB,-WT	SRK25ZS-W,-WB,-WT	SRK35ZS-W,-WB,-WT	SRK50ZS-W,-WB,-WT
Nominal cooling capacity	kW	2.0	2.5	3.5	5.0
Nominal heating capacity	kW	3.0	3.4	4.5	5.8
Sound power level	Cooling	dB(A)	48	50	54
	Heating	dB(A)	50	53	56
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	34 / 25 / 22 / 19	36 / 28 / 23 / 19	40 / 30 / 26 / 19
	Heating(Hi/Me/Lo/Ulo)	dB(A)	36 / 29 / 23 / 19	39 / 30 / 24 / 19	41 / 36 / 25 / 19
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	9.3 / 7.0 / 5.9 / 5.0	9.9 / 8.0 / 5.9 / 5.0	11.3 / 8.7 / 7.0 / 5.0
	Heating(Hi/Me/Lo/Ulo)	m³/min	10.0 / 8.5 / 6.5 / 5.9	11.3 / 8.7 / 6.7 / 5.9	12.3 / 11.0 / 7.0 / 5.6
Exterior dimensions (H×W×D)	mm			290×870×230	
Net weight	kg		9.5		10.0
Refrigerant piping size	Liquid / Gas	Φmm		6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
Clean filter				Allergen Clear Filter ×1, Photocatalytic Washable Deodorising Filter ×1	



Wall Mounted

### SKM-ZSP

- Elegant Timeless Design
- Compact and Light weight



Item	Model	SKM20ZSP-W	SKM25ZSP-W	SKM35ZSP-W
Nominal cooling capacity	kW	2.0	2.5	3.5
Nominal heating capacity	kW	3.0	3.4	4.5
Sound power level	Cooling	dB(A)	57	57
	Heating	dB(A)	56	56
Sound pressure level	Cooling(Hi/Me/Lo)	dB(A)	42 / 35 / 22	43 / 36 / 23
	Heating(Hi/Me/Lo)	dB(A)	41 / 36 / 26	41 / 36 / 27
Air flow	Cooling(Hi/Me/Lo)	m³/min	8.5 / 7.0 / 5.0	8.5 / 7.0 / 5.0
	Heating(Hi/Me/Lo)	m³/min	8.0 / 7.0 / 5.5	8.0 / 7.0 / 5.5
Exterior dimensions (H×W×D)	mm			267×783×210
Net weight	kg		7.5	
Refrigerant piping size	Liquid / Gas	Φmm		6.35(1/4") / 9.52(3/8")
Clean filter				—

## ■ OPTION

### Wired remote control



RC-EX3A RC-E5 RCH-E3

### Wireless remote control



RCN-TC-5AW-E2  
RCN-TC-5AW-E3

### Motion sensor



RCN-KIT4-E2  
RCN-E-E3  
LB-TC-5W-E LB-KIT2 LB-E

Floor Standing

## SRF-ZS/ZSX

NEW



Item	Model	SRF25ZS-W	SRF35ZS-W	SRF50ZSX-W
Nominal cooling capacity	kW	2.5	3.5	5.0
Nominal heating capacity	kW	3.4	4.5	5.8
Sound power level	Cooling	dB(A)	50	51
	Heating	dB(A)	51	52
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	38 / 32 / 29 / 25	40 / 35 / 33 / 29
	Heating(Hi/Me/Lo/Ulo)	dB(A)	39 / 35 / 33 / 29	41 / 36 / 35 / 33
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	9.0 / 7.6 / 6.7 / 5.8	9.2 / 7.8 / 7.3 / 6.4
	Heating(Hi/Me/Lo/Ulo)	m³/min	10.5 / 8.2 / 7.7 / 6.6	10.7 / 8.3 / 8.1 / 7.4
Exterior dimensions(H×W×D)	mm		600×860×238	
Net weight	kg	18.0	19.0	
Refrigerant piping size	Liquid / Gas	Φmm	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
Clean filter			Allergen Clear Filter × 1	Photocatalytic Washable Deodorising Filter × 1

Ceiling Concealed

## SRR-ZS

NEW



Item	Model	SRR25ZS-W	SRR35ZS-W	SRR50ZS-W	SRR60ZS-W
Nominal cooling capacity	kW	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.4	4.5	5.8	6.8
Sound power level	Cooling	dB(A)	56	57	59
	Heating	dB(A)	59	60	61
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	37 / 33 / 30 / 24	38 / 34 / 31 / 25	41 / 37 / 34 / 29
	Heating(Hi/Me/Lo/Ulo)	dB(A)	40 / 37 / 34 / 28	42 / 38 / 35 / 29	43 / 39 / 37 / 32
Air flow	Cooling(Hi/Me/Lo/Ulo)	m³/min	9.5 / 8.0 / 6.5 / 4.5	10.0 / 8.5 / 7.0 / 5.0	13.5 / 11.0 / 10.0 / 7.5
	Heating(Hi/Me/Lo/Ulo)	m³/min	10.0 / 9.0 / 8.0 / 6.0	10.5 / 9.5 / 8.5 / 6.5	14.5 / 12.5 / 11.0 / 8.5
Available external static pressure	Pa	35(initial static pressure with air filter : 5Pa)	50(initial static pressure with air filter : 5Pa)	50(initial static pressure with air filter : 5Pa)	50(initial static pressure with air filter : 5Pa)
Exterior dimensions(H×W×D)	mm	200×750×500	200×950×500	200×950×500	200×950×500
Net weight	kg	20.5	24.0	24.0	24.0
Refrigerant piping size	Liquid / Gas	Φmm	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")	6.35(1/4") / 12.7(1/2")
Bottom air inlet kit (option)			UT-BAT1EF	UT-BAT2EF	UT-BAT2EF

4way Ceiling Cassette

## FDTC-VH

NEW



- Draft prevention panel (Option)
- Motion sensor (Option)
- More quiet noise & Improve the aerodynamic performance

Item	Model	FDTC25VH1	FDTC35VH1	FDTC50VH	FDTC60VH
Nominal cooling capacity	kW	2.5	3.5	5.0	6.0
Nominal heating capacity	kW	3.4	4.5	5.8	6.8
Sound power level	Cooling	dB(A)	51	52	59
	Heating	dB(A)	53	54	59
Sound pressure level	Cooling(P-Hi/Hi/Me/Lo)	dB(A)	38 / 34 / 30 / 27	39 / 36 / 32 / 29	44 / 40 / 35 / 27
	Heating(P-Hi/Hi/Me/Lo)	dB(A)	39 / 36 / 32 / 28	41 / 38 / 34 / 30	44 / 40 / 35 / 27
Air flow	Cooling(P-Hi/Hi/Me/Lo)	m³/min	8.5 / 7.5 / 7.0 / 6.0	9.0 / 8.0 / 7.5 / 6.5	13.0 / 11.0 / 9.0 / 7.0
	Heating(P-Hi/Hi/Me/Lo)	m³/min	9.5 / 8.5 / 7.5 / 6.5	10.0 / 9.0 / 8.0 / 7.0	13.0 / 11.0 / 9.0 / 7.0
Exterior dimensions (H×W×D)	Unit	mm	248×570×570	248×570×570	248×570×570
	Panel	mm	10×620×620	10×620×620	10×620×620
Net weight	kg		16.5 (Unit.14 Panel: 2.5)	16.5 (Unit.14 Panel: 2.5)	16.5 (Unit.14 Panel: 2.5)
Refrigerant piping size	Liquid / Gas	Φmm	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")	6.35(1/4") / 12.7(1/2")
Panel			Standard Panel : TC-PSA-5AW-E(Honeycomb), TC-PSAG-5AW-E(Grid) Draft Prevention Panel : TC-PSAE-5AW-E(Honeycomb), TC-PSAGE-5AW-E(Grid)	Standard Panel : TC-PSA-5AW-E(Honeycomb), TC-PSAG-5AW-E(Grid) Draft Prevention Panel : TC-PSAE-5AW-E(Honeycomb), TC-PSAGE-5AW-E(Grid)	Standard Panel : TC-PSA-5AW-E(Honeycomb), TC-PSAG-5AW-E(Grid) Draft Prevention Panel : TC-PSAE-5AW-E(Honeycomb), TC-PSAGE-5AW-E(Grid)

Duct Connected-Low/Middle Static Pressure / Ceiling Suspended

## FDUM-VH / FDE-VH



- Motion sensor (Option)

- Motion sensor (Option)

Item	Model	FDUM50VH	FDE50VH
Nominal cooling capacity	kW	5.0	5.0
Nominal heating capacity	kW	5.8	5.8
Sound power level	Cooling	dB(A)	60
	Heating	dB(A)	60
Sound pressure level	Cooling(P-Hi/Hi/Me/Lo)	dB(A)	37 / 32 / 29 / 26
	Heating(P-Hi/Hi/Me/Lo)	dB(A)	37 / 32 / 29 / 26
Air flow	Cooling(P-Hi/Hi/Me/Lo)	m³/min	13.0 / 10.0 / 9.0 / 8.0
	Heating(P-Hi/Hi/Me/Lo)	m³/min	13.0 / 10.0 / 9.0 / 8.0
Available external static pressure	Pa	Standard : 35 Max : 100	—
Exterior dimensions (H×W×D)	mm	280×750×635	210×1070×690
Net weight	kg	29.0	28.0
Refrigerant piping size	Liquid / Gas	Φmm	6.35(1/4") / 12.7(1/2")
Air filter		Filter KIT : UM-FL1EF (option)	Pocket Plastic net × 2 (Washable)

NOTES

- The data are measured under the following conditions(ISO-T1, H1). 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.
- Sound level the value in an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.