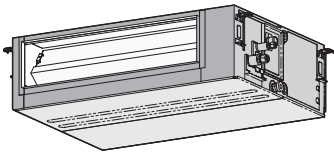


TECHNICAL DATA

VRF SYSTEMS INDOOR UNIT



Low Silhouette Ducted
(F2 type)

Indoor Unit

	Class	15	22	28	36	45	56	60	73	90	106	140	160
U1	4-Way Cassette		S-22MU1E5A	S-28MU1E5A	S-36MU1E5A	S-45MU1E5A	S-56MU1E5A	S-60MU1E5A	S-73MU1E5A	S-90MU1E5A	S-106MU1E5A	S-140MU1E5A	S-160MU1E5A
Y2	4-Way Cassette 60×60	S-15MY2E5A	S-22MY2E5A	S-28MY2E5A	S-36MY2E5A	S-45MY2E5A	S-56MY2E5A						
F2	Low Silhouette Ducted	S-15MF2E5A	S-22MF2E5A	S-28MF2E5A	S-36MF2E5A	S-45MF2E5A	S-56MF2E5A	S-60MF2E5A	S-73MF2E5A	S-90MF2E5A	S-106MF2E5A	S-140MF2E5A	S-160MF2E5A
T2	Ceiling				S-36MT2E5A	S-45MT2E5A	S-56MT2E5A		S-73MT2E5A		S-106MT2E5A	S-140MT2E5A	
K2	Wall Mounted	S-15MK2E5A	S-22MK2E5A	S-28MK2E5A	S-36MK2E5A								
K1	Wall Mounted					S-45MK1E5A	S-56MK1E5A		S-73MK1E5A		S-106MK1E5A		

1. Electrical Wiring

1-1. General Precautions on Wiring

- (1) Before wiring, confirm the rated voltage of the unit as shown on its nameplate, then carry out the wiring closely following the wiring diagram.
- (2) Provide a power outlet to be used exclusively for each unit, and a power supply disconnect, circuit breaker and earth leakage breaker for overcurrent protection should be provided in the exclusive line.
- (3) To prevent possible hazards from insulation failure, the unit must be grounded.
- (4) Each wiring connection must be done in accordance with the wiring system diagram. Wrong wiring may cause the unit to misoperate or become damaged.
- (5) Do not allow wiring to touch the refrigerant tubing, compressor, or any moving parts of the fan.
- (6) Unauthorized changes in the internal wiring can be very dangerous. The manufacturer will accept no responsibility for any damage or misoperation that occurs as a result of such unauthorized changes.
- (7) Regulations on wire diameters differ from locality to locality. For field wiring rules, please refer to your LOCAL ELECTRICAL CODES before beginning. You must ensure that installation complies with all relevant rules and regulations.
- (8) To prevent malfunction of the air conditioner caused by electrical noise, care must be taken when wiring as follows:
 - The remote control wiring and the inter-unit control wiring should be wired apart from the inter-unit power wiring.
 - Use shielded wires for inter-unit control wiring between units and ground the shield on both sides.
- (9) If the power supply cord of this appliance is damaged, it must be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.
- (10) Use a waterproof conduit for outdoor unit wiring to avoid damaging the wire and to prevent accumulation of liquid inside the unit.

1-2. Recommended Wire Length and Wire Diameter for Power Supply System

Indoor unit

Type	(B) Power supply		Time delay fuse or circuit capacity
	Minimum 2 mm ²	2.5 mm ²	
K2	Max. 150 m	—	15 A
Y2	Max. 130 m	—	15 A
K1	—	Max. 150 m	10 – 16 A
U1	—	Max. 130 m	10 – 16 A
F2	—	Max. 130 m	10 – 16 A
T2	—	Max. 130 m	10 – 16 A

Control wiring

(C) Inter-unit control wiring (between outdoor and indoor units)
0.75 mm ² (AWG #18) Use shielded wiring*
Max. 1,000 m

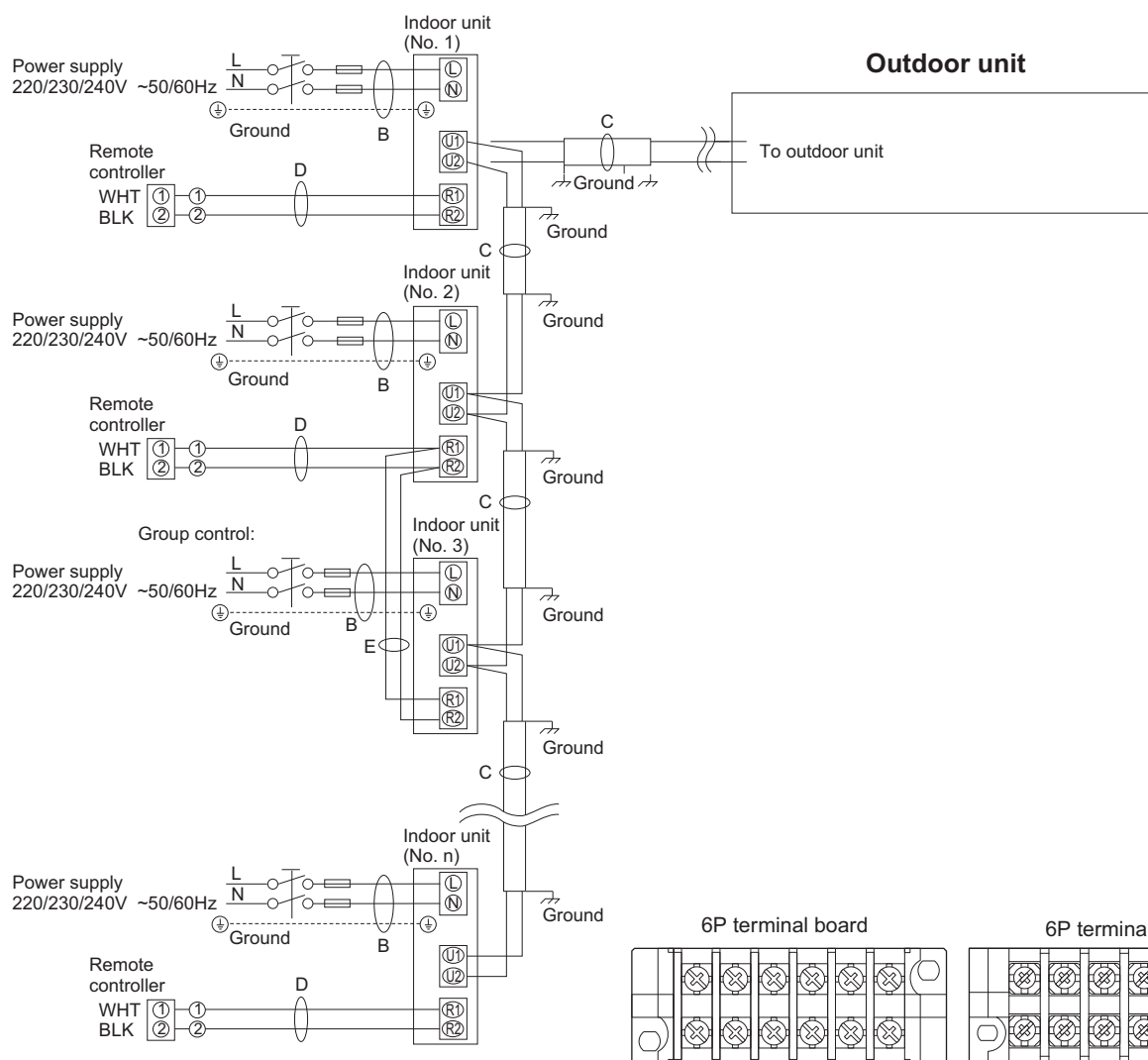
(D) Remote control wiring
0.75 mm ² (AWG #18)
Max. 500 m

NOTE * With ring-type wire terminal.

(E) Control wiring for group control
0.75 mm ² (AWG #18)
Max. 200 m (Total)

1. Electrical Wiring

1-3. Wiring System Diagrams



- (1) Refer to Section 1-2. "Recommended Wire Length and Wire Diameter for Power Supply System" for the explanation of "B", "C", "D" and "E" in the above diagram.
- (2) The basic connection diagram of the indoor unit shows the 7P terminal board, so the terminal boards in your equipment may differ from the diagram.
- (3) Refrigerant Circuit (R.C.) address should be set before turning the power on.
- (4) Address setting can be executed by remote controller automatically. Refer to Section 5.

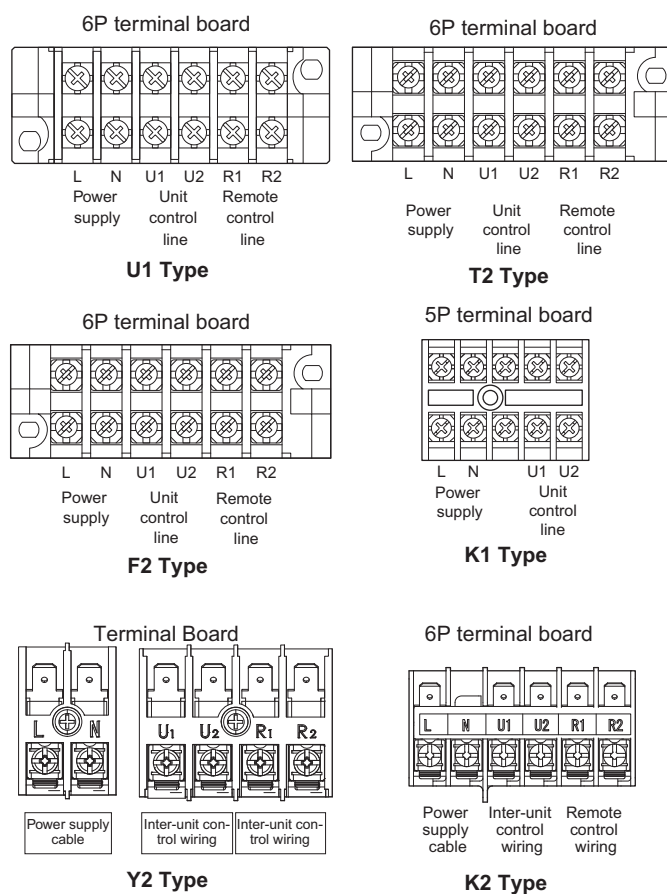


Fig. 2-1

1. Electrical Wiring



CAUTION

- (1) When linking the outdoor units in a network, disconnect the terminal extended from the short plug from all outdoor units except any one of the outdoor units.
(When shipping: In shorted condition.)
For a system without link (no wiring connection between outdoor units), do not remove the short plug.
- (2) Do not install the inter-unit control wiring in a way that forms a loop.

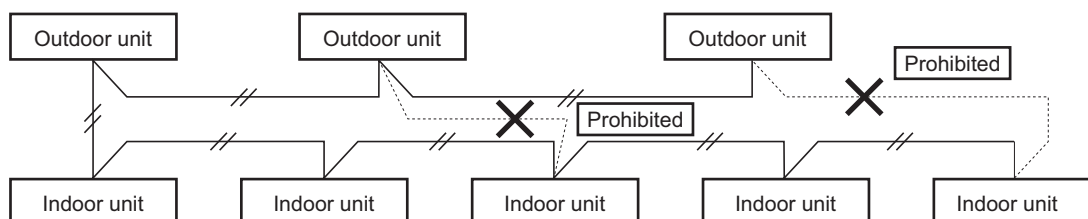


Fig. 2-2

2

- (3) Do not install inter-unit control wiring such as star branch wiring. Star branch wiring causes mis-address setting.

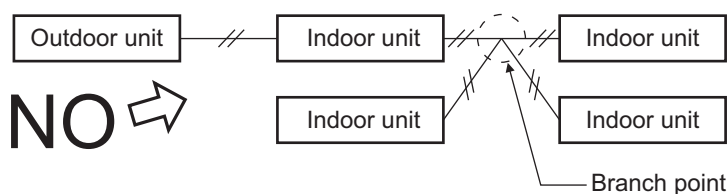


Fig. 2-3

- (4) If branching the inter-unit control wiring, the number of branch points should be 16 or fewer.

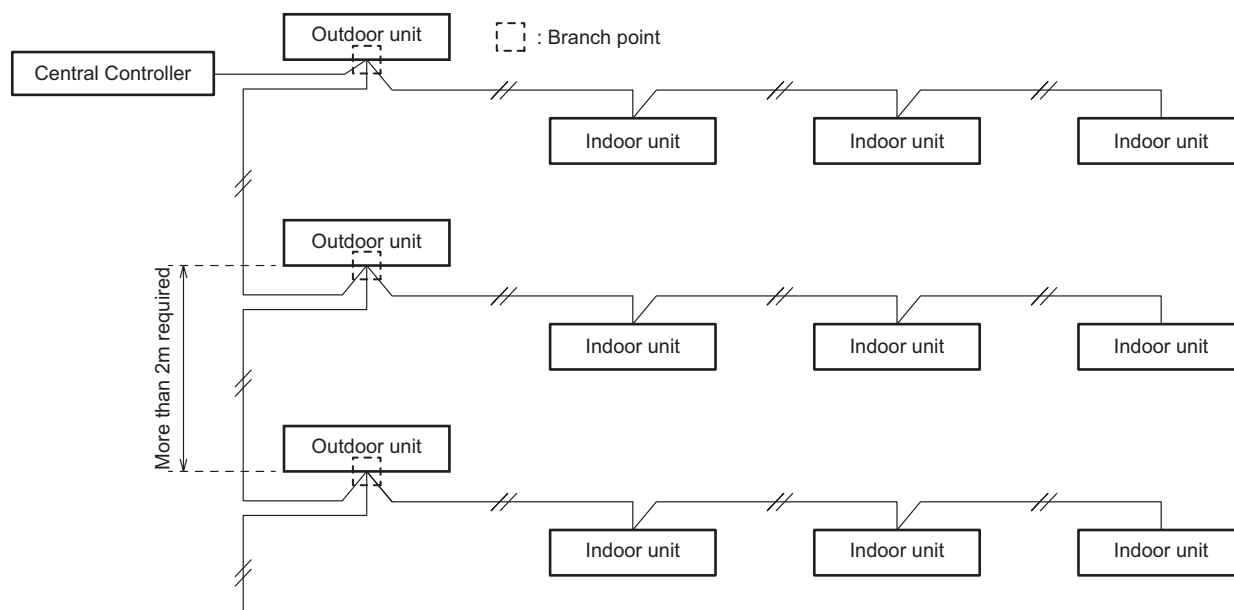


Fig. 2-4

1. Electrical Wiring

- (5) Use shielded wires for inter-unit control wiring (c) and ground the shield on both sides, otherwise misoperation from noise may occur. (Fig. 2-5)

Connect wiring as shown in Section “1-3. Wiring System Diagrams”.

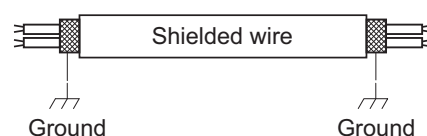


Fig. 2-5

- (6) • Connecting cable between indoor unit and outdoor unit shall be approved polychloroprene sheathed 5 or 3 *1.5 mm² flexible cord. Type designation 60245 IEC 57 (H05RN-F, GP85PCP etc.) or heavier cord.
- Use the standard power supply cables for Europe (such as H05RN-F or H07RN-F which conform to CENELEC (HAR) rating specifications) or use the cables based on IEC standard. (60245 IEC57, 60245 IEC66)



WARNING

Loose wiring may cause the terminal to overheat or result in unit malfunction. A fire hazard may also occur. Therefore, ensure that all wiring is tightly connected.

When connecting each power wire to the terminal, follow the instructions on “How to connect wiring to the terminal” and fasten the wire securely with the fixing screw of the terminal board.

How to connect wiring to the terminal

■ For stranded wiring

- (1) Cut the wire end with cutting pliers, then strip the insulation to expose the stranded wiring about 10 mm and tightly twist the wire ends. (Fig. 2-6)
- (2) Using a Phillips head screwdriver, remove the terminal screw(s) on the terminal board.
- (3) Using a ring connector fastener or pliers, securely clamp each stripped wire end with a ring pressure terminal.
- (4) Place the ring pressure terminal, and replace and tighten the removed terminal screw using a screwdriver. (Fig. 2-7)

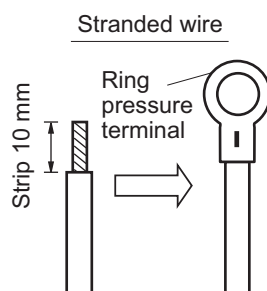


Fig. 2-6

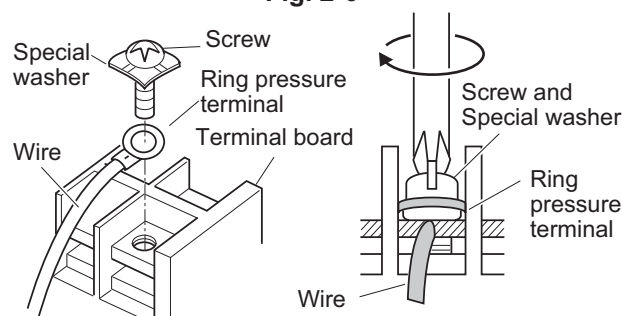


Fig. 2-7

■ Examples of shield wires

- (1) Remove cable coat not to scratch braided shield. (Fig. 2-8)
- (2) Ravel braided shield carefully and put tightly braided shield together. Coat with insulation tube or wrap insulation tape after putting tightly. (Fig. 2-9)
- (3) Remove coat of signal wire. (Fig. 2-10)
- (4) Connect signal wire removed coat and shield wire with pressure terminal. (Fig. 2-11)

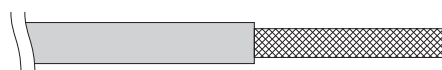


Fig. 2-8

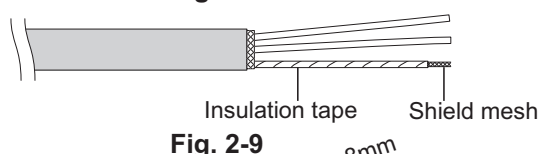


Fig. 2-9

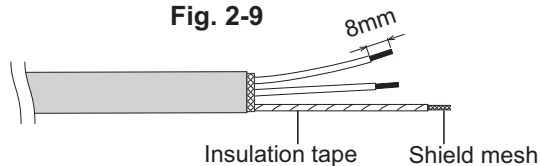


Fig. 2-10

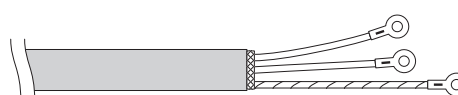


Fig. 2-11

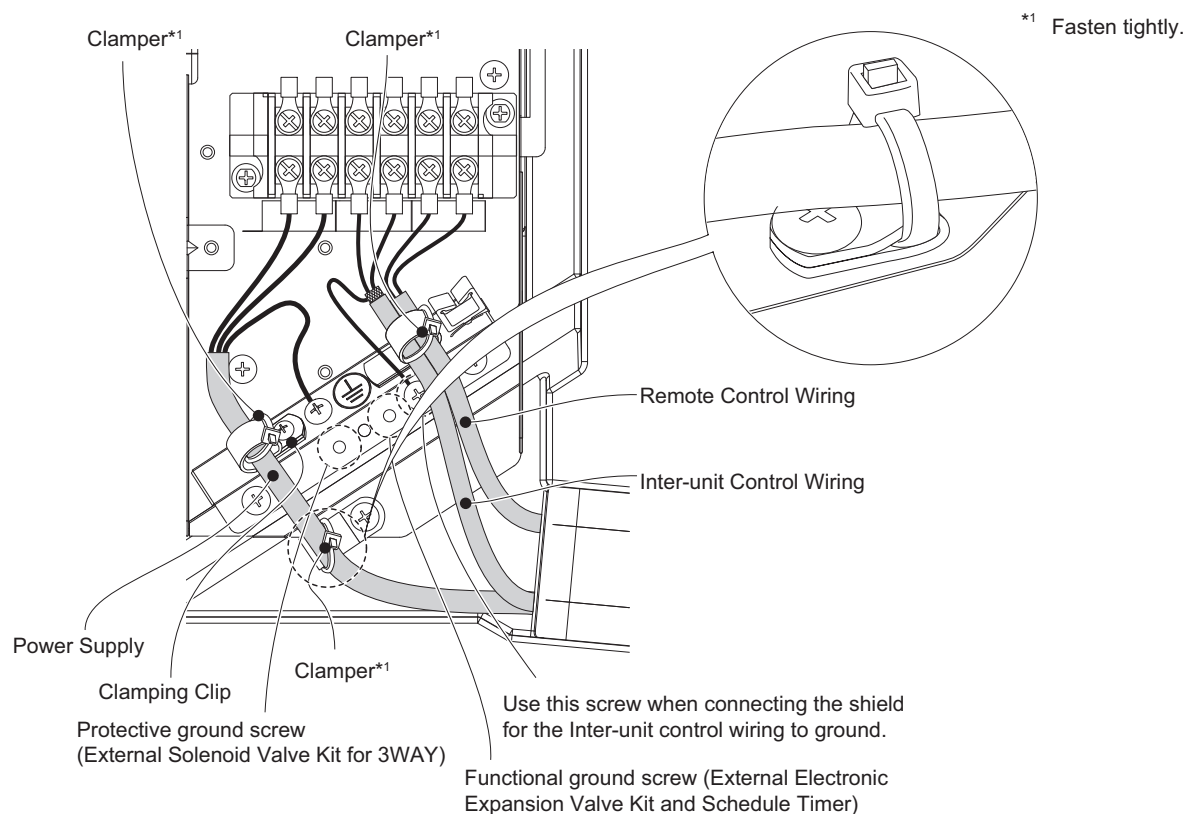
■ Earth wire for power supply

The earth wire should be longer than the other lead wires for electrical safety.

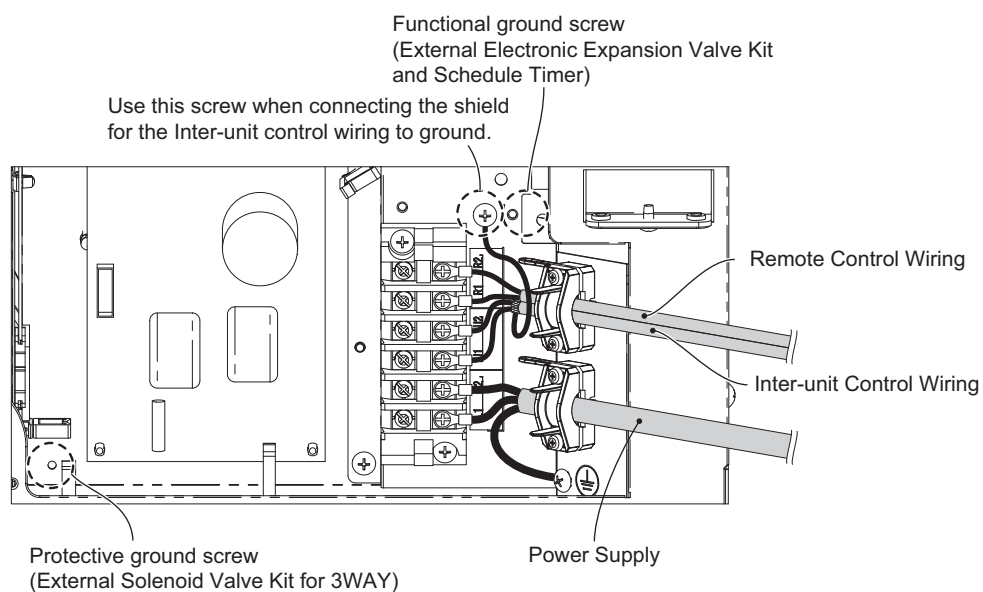
1. Electrical Wiring

■ Wiring sample

U1 type



F2 type



2. SELECTING THE INSTALLATION SITE

2-3. Low Silhouette Ducted (F2 type)

AVOID:

- areas where leakage of flammable gas may be expected.
- places where large amounts of oil mist exist.
- direct sunlight.
- locations near heat sources which may affect the performance of the unit.
- locations where external air may enter the room directly. This may cause "condensation" on the air discharge ports, causing them to spray or drip water.
- locations where the remote controller will be splashed with water or affected by dampness or humidity.
- installing the remote controller behind curtains or furniture.
- locations where high-frequency emissions are generated.

DO:

- select an appropriate position from which every corner of the room can be uniformly cooled.
- select a location where the ceiling is strong enough to support the weight of the unit.
- select a location where tubing and drain pipe have the shortest run to the outdoor unit.
- allow room for operation and maintenance as well as unrestricted air flow around the unit.
- install the unit within the maximum elevation difference above or below the outdoor unit and within a total tubing length (L) from the outdoor unit as detailed in the Installation Instructions provided with the outdoor unit.
- allow room for mounting the remote controller about 1 m off the floor, in an area that is not in direct sunlight or in the flow of cool air from the indoor unit.
- If the indoor unit is installed on the ceiling where the temperature or humidity inside is high (over 30°C/RH: 70%), add insulating material to the surface of the unit to avoid dew condensation.

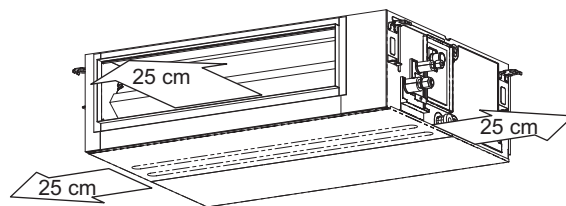


Fig. 2-14

Contents

4. VRF SYSTEMS INDOOR UNIT SPECIFICATIONS

1. 4-Way Cassette Type (U1 Type)	4-2
1-1. Specifications	4-2
1-2. Major Component Specifications	4-6
1-3. Dimensional Data	4-17
1-4. Noise Criterion Curves	4-20
1-5. Air Flow Distance / Temperature Chart	4-22
2. Low Silhouette Ducted Type (F2 Type)	4-25
2-1. Specifications	4-25
2-2. Major Component Specifications	4-29
2-3. Dimensional Data	4-41
2-4. Noise Criterion Curves	4-43
2-5. External Static Pressure Setting	4-45
3. 4-Way Cassette 60×60 Type (Y2 Type)	4-49
3-1. Specifications	4-49
3-2. Major Component Specifications	4-51
3-3. Dimensional Data	4-57
3-4. Noise Criterion Curves	4-58
3-5. Air Flow Distance / Temperature Chart	4-60
4. Wall Mounted Type (K2 Type)	4-63
4-1. Specifications	4-63
4-2. Major Component Specifications	4-65
4-3. Dimensional Data	4-69
4-4. Noise Criterion Curves	4-70
4-5. Air Flow Distance / Temperature Chart	4-71
5. Wall Mounted Type (K1 Type)	4-73
5-1. Specifications	4-73
5-2. Major Component Specifications	4-77
5-3. Dimensional Data	4-81
5-4. Noise Criterion Curves	4-82
5-5. Air Flow Distance / Temperature Chart	4-83
6. Ceiling Type (T2 Type)	4-85
6-1. Specifications	4-85
6-2. Major Component Specifications	4-87
6-3. Dimensional Data	4-93
6-4. Noise Criterion Curves	4-94
6-5. Air Flow Distance / Temperature Chart	4-95
7. Fresh Air Intake	4-98
7-1. Precautions Regarding External Air Intake	4-98
7-2. External Air Intake Volume & Resistance Within Unit / Operation Noise Characteristics	4-99
• 4-Way Cassette (U1 Type)	
• Ceiling (T2 Type)	
• Low Silhouette Ducted (F2 Type)	
• 4-Way Cassette 60×60 (Y2 Type)	

2. Low Silhouette Ducted Type (F2 Type)

2-1. Specifications

Unit specifications (A)

INDOOR			MODEL		S-15MF2E5A			S-22MF2E5A			S-28MF2E5A				
PANEL			MODEL		-			-			-				
PERFORMANCE TEST CONDITION					ISO15042 / AS / NZS3823 / EN14511 / EN12102										
POWER SUPPLY			ø, Hz		1ø 50/60Hz			1ø 50/60Hz			1ø 50/60Hz				
			V		220	230	240	220	230	240	220	230	240		
C O O L I N G	CAPACITY		kW		1.50	1.50	1.50	2.2	2.2	2.2	2.8	2.8	2.8		
			BTU/h		5100	5100	5100	7500	7500	7500	9600	9600	9600		
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-		
	CURRENT		A		0.60	0.57	0.56	0.60	0.57	0.56	0.60	0.57	0.56		
	INPUT POWER		W		70	70	70	70	70	70	70	70	70		
	ANNUAL CONSUMPTION		W *4		-	-	-	-	-	-	-	-	-		
	EER/EER CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-		
	EER		BTU/hW		-	-	-	-	-	-	-	-	-		
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-		
	NOISE INDOOR (H/M/L)		dB-A		33/29/22			33/29/22			33/29/22				
Power Level dB			55/51/44			55/51/44			55/51/44						
NOISE OUTDOOR (H/L)		dB-A		-			-			-					
		Power Level dB		-			-			-					
H E A T I N G	CAPACITY		kW		1.70	1.70	1.70	2.5	2.5	2.5	3.2	3.2	3.2		
			BTU/h		5800	5800	5800	8500	8500	8500	10900	10900	10900		
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-		
	CURRENT		A		0.60	0.57	0.56	0.60	0.57	0.56	0.60	0.57	0.56		
	INPUT POWER		W		70	70	70	70	70	70	70	70	70		
	COP/COP CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-		
	COP		BTU/hW		-	-	-	-	-	-	-	-	-		
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-		
	NOISE INDOOR (H/M/L)		dB-A		33/29/22			33/29/22			33/29/22				
			Power Level dB		55/51/44			55/51/44			55/51/44				
NOISE OUTDOOR (H/L)		dB-A		-			-			-					
		Power Level dB		-			-			-					
EXTRA LOW TEMP	CAPACITY(kW)/INPUT POWER(W)/COP				-			-			-				
Cooling	MAX CURRENT(A)/MAX INPUT POWER(W)				0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105		
Heating	MAX CURRENT(A)/MAX INPUT POWER(W)				0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105		
STARTING CURRENT(A)/COMP OUTPUT(W)					-	-	-	-	-	-	-	-	-		
NETWORK IMPEDANCE (ΩMAX.) *3					-			-			-				
FM OUTPUT (ID/OD) W					119			119			119				
MOISTURE REMOVAL VOLUME L/h(Pt/h)					0.9 (1.9)			1.3 (2.7)			1.6 (3.4)				
External static pressure			Pa		70 (MIN10 - MAX150)			70 (MIN10 - MAX150)			70 (MIN10 - MAX150)				
I/D AIR FLOW	COOL	m³/min (ft³/min)		14/13/9 (494/459/318)			14/13/9 (494/459/318)			14/13/9 (494/459/318)					
	HEAT	m³/min (ft³/min)		14/13/9 (494/459/318)			14/13/9 (494/459/318)			14/13/9 (494/459/318)					
O/D AIR FLOW	COOL	m³/min (ft³/min)		-			-			-					
	HEAT	m³/min (ft³/min)		-			-			-					
REFRIGERANT TYPE, AMOUNT g(oz)					-			-			-				
P R O M	D I M	HEIGHT : H mm(inch)		290		(11-7/16)		290		(11-7/16)		290		(11-7/16)	
		WIDTH : W mm(inch)		800		(31-1/2)		800		(31-1/2)		800		(31-1/2)	
		DEPTH : D mm(inch)		700		(27-9/16)		700		(27-9/16)		700		(27-9/16)	
P A C M	I M	HEIGHT : H mm		355				355				355			
		WIDTH : W mm		1014				1014				1014			
		DEPTH : D mm		850				850				850			
MASS	(NET) kg(lb)		29		(64)		29		(64)		29		(64)		
	(GROSS) kg(lb)		36		(80)		36		(80)		36		(80)		
LAYERS LIMIT (actually)					9 (10)			9 (10)			9 (10)				
Operation Condition			Cool (DBT)		-			-			-				
			Heat (DBT)		-			-			-				
P I P I N G	PIPE DIAMETER mm (inch)				(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)				
	CONNECT METHOD, STD LENGTH m (ft)				flared type			flared type			flared type				
	PIPE LENGTH RANGE m (ft)				-			-			-				
	I/D & O/D HEIGHT DIFFERENCE m (ft)				-			-			-				
	ADD GAS AMOUNT g/m (oz/ft)				-			-			-				
	PIPE LENGTH FOR ADDITIONAL GAS m (ft)				-			-			-				

*3: Network Impedance shall be applicable for EUROPE and CHINA models.

*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

2. Low Silhouette Ducted Type (F2 Type)

2-1. Specifications

Unit specifications (B)

INDOOR			MODEL		S-36MF2E5A			S-45MF2E5A			S-56MF2E5A		
PANEL			MODEL		-			-			-		
PERFORMANCE TEST CONDITION					ISO15042 / AS / NZS3823 / EN14511 / EN12102								
POWER SUPPLY			ø, Hz		1ø 50/60Hz			1ø 50/60Hz			1ø 50/60Hz		
			V		220	230	240	220	230	240	220	230	240
C O O L I N G	CAPACITY		kW		3.6	3.6	3.6	4.5	4.5	4.5	5.6	5.6	5.6
			BTU/h		12300	12300	12300	15400	15400	15400	19100	19100	19100
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		0.60	0.57	0.56	0.60	0.57	0.56	0.77	0.74	0.71
	INPUT POWER		W		70	70	70	70	70	70	100	100	100
	ANNUAL CONSUMPTION		W *4		-	-	-	-	-	-	-	-	-
	EER/EER CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	EER		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		33/29/22			34/32/25			34/32/25		
Power Level dB			55/51/44			56/54/47			56/54/47				
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
H E A T I N G	CAPACITY		kW		4.2	4.2	4.2	5.0	5.0	5.0	6.3	6.3	6.3
			BTU/h		14300	14300	14300	17100	17100	17100	21500	21500	21500
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		0.60	0.57	0.56	0.60	0.57	0.56	0.77	0.74	0.71
	INPUT POWER		W		70	70	70	70	70	70	100	100	100
	COP/COP CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	COP		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		33/29/22			34/32/25			34/32/25		
			Power Level dB		55/51/44			56/54/47			56/54/47		
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
EXTRA LOW TEMP	CAPACITY(KW)/INPUT POWER(W)/COP				-			-			-		
Cooling	MAX CURRENT(A)/MAX INPUT POWER(W)				0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105	1.00 / 125	0.96 / 125	0.92 / 125
Heating	MAX CURRENT(A)/MAX INPUT POWER(W)				0.86 / 105	0.82 / 105	0.79 / 105	0.86 / 105	0.82 / 105	0.79 / 105	1.00 / 125	0.96 / 125	0.92 / 125
STARTING CURRENT(A)/COMP OUTPUT(W)					-	-	-	-	-	-	-	-	-
NETWORK IMPEDANCE (ΩMAX.) *3					-			-			-		
FM OUTPUT (ID/OD) W					119			119			119		
MOISTURE REMOVAL VOLUME			L/h(Pt/h)		2.1 (4.4)		2.5 (5.3)		3.2 (6.7)				
External static pressure			Pa		70 (MIN10 - MAX150)			70 (MIN10 - MAX150)			70 (MIN10 - MAX150)		
I/D AIR FLOW	COOL	m³/min (ft³/min)		14/13/9 (494/459/318)			14/13/10 (494/459/353)			16/15/12 (565/530/424)			
	HEAT	m³/min (ft³/min)		14/13/9 (494/459/318)			14/13/10 (494/459/353)			16/15/12 (565/530/424)			
O/D AIR FLOW	COOL	m³/min (ft³/min)		-			-			-			
	HEAT	m³/min (ft³/min)		-			-			-			
REFRIGERANT TYPE, AMOUNT g(oz)					-			-			-		
P R O M	D I M	HEIGHT : H mm(inch)		290		(11-7/16)		290		(11-7/16)		290 (11-7/16)	
		WIDTH : W mm(inch)		800		(31-1/2)		800		(31-1/2)		800 (31-1/2)	
		DEPTH : D mm(inch)		700		(27-9/16)		700		(27-9/16)		700 (27-9/16)	
P A C M	I M	HEIGHT : H mm		355				355				355	
		WIDTH : W mm		1014				1014				1014	
		DEPTH : D mm		850				850				850	
MASS	(NET) kg(lb)		29 (64)		29 (64)		29 (64)		29 (64)		29 (64)		
	(GROSS) kg(lb)		36 (80)		36 (80)		36 (80)		36 (80)		36 (80)		
LAYERS LIMIT (actually)					9 (10)			9 (10)			9 (10)		
Operation Condition			Cool (DBT)		-			-			-		
			Heat (DBT)		-			-			-		
P I P I N G	PIPE DIAMETER mm (inch)				(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)		
	CONNECT METHOD, STD LENGTH m (ft)				flared type			flared type			flared type		
	PIPE LENGTH RANGE m (ft)				-			-			-		
	I/D & O/D HEIGHT DIFFERENCE m (ft)				-			-			-		
	ADD GAS AMOUNT g/m (oz/ft)				-			-			-		
PIPE LENGTH FOR ADDITIONAL GAS m (ft)					-			-			-		

*3: Network Impedance shall be applicable for EUROPE and CHINA models.

*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

2. Low Silhouette Ducted Type (F2 Type)

2-1. Specifications

Unit specifications (C)

INDOOR			MODEL		S-60MF2E5A			S-73MF2E5A			S-90MF2E5A		
PANEL			MODEL		-			-			-		
PERFORMANCE TEST CONDITION					ISO15042 / AS / NZS3823 / EN14511 / EN12102								
POWER SUPPLY			ø, Hz		1ø 50/60Hz			1ø 50/60Hz			1ø 50/60Hz		
			V		220	230	240	220	230	240	220	230	240
C O O L I N G	CAPACITY		kW		6.0	6.0	6.0	7.3	7.3	7.3	9.0	9.0	9.0
			BTU/h		20500	20500	20500	24900	24900	24900	30700	30700	30700
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		0.91	0.89	0.87	0.91	0.89	0.87	0.99	0.97	0.95
	INPUT POWER		W		120	120	120	120	120	120	135	135	135
	ANNUAL CONSUMPTION		W *4		-	-	-	-	-	-	-	-	-
	EER/EER CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	EER		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		35/32/26			35/32/26			37/34/28		
Power Level dB			57/54/48			57/54/48			59/56/50				
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
H E A T I N G	CAPACITY		kW		7.1	7.1	7.1	8.0	8.0	8.0	10.0	10.0	10.0
			BTU/h		24200	24200	24200	27300	27300	27300	34100	34100	34100
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		0.91	0.89	0.87	0.91	0.89	0.87	0.99	0.97	0.95
	INPUT POWER		W		120	120	120	120	120	120	135	135	135
	COP/COP CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	COP		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		35/32/26			35/32/26			37/34/28		
			Power Level dB		57/54/48			57/54/48			59/56/50		
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
EXTRA LOW TEMP		CAPACITY(KW)/INPUT POWER(W)/COP		-			-			-			
Cooling	MAX CURRENT(A)/MAX INPUT POWER(W)		1.26 / 160	1.20 / 160	1.15 / 160	1.26 / 160	1.20 / 160	1.15 / 160	1.42 / 200	1.36 / 200	1.30 / 200		
Heating	MAX CURRENT(A)/MAX INPUT POWER(W)		1.26 / 160	1.20 / 160	1.15 / 160	1.26 / 160	1.20 / 160	1.15 / 160	1.42 / 200	1.36 / 200	1.30 / 200		
STARTING CURRENT(A)/COMP OUTPUT(W)			-	-	-	-	-	-	-	-	-		
NETWORK IMPEDANCE (ΩMAX.) *3			-			-			-				
FM OUTPUT (ID/OD) W			124			124			124				
MOISTURE REMOVAL VOLUME			L/h(Pt/h)		3.4 (7.1)	4.4 (9.2)		5.4 (11.3)					
External static pressure			Pa		70 (MIN10 - MAX150)		70 (MIN10 - MAX150)		70 (MIN10 - MAX150)				
I/D AIR FLOW	COOL	m³/min (ft³/min)	21/19/15 (742/671/530)			21/19/15 (742/671/530)			25/23/19 (883/812/671)				
	HEAT	m³/min (ft³/min)	21/19/15 (742/671/530)			21/19/15 (742/671/530)			25/23/19 (883/812/671)				
O/D AIR FLOW	COOL	m³/min (ft³/min)	-			-			-				
	HEAT	m³/min (ft³/min)	-			-			-				
REFRIGERANT TYPE, AMOUNT g(oz)			-			-			-				
P R O M	HEIGHT : H mm(inch)		290	(11-7/16)		290	(11-7/16)		290	(11-7/16)			
	WIDTH : W mm(inch)		1000	(39-3/8)		1000	(39-3/8)		1000	(39-3/8)			
	DEPTH : D mm(inch)		700	(27-9/16)		700	(27-9/16)		700	(27-9/16)			
P A C M	HEIGHT : H mm		355			355			355				
	WIDTH : W mm		1214			1214			1214				
	DEPTH : D mm		850			850			850				
MASS	(NET) kg(lb)		34	(75)		34	(75)		34	(75)			
	(GROSS) kg(lb)		42	(93)		42	(93)		42	(93)			
LAYERS LIMIT (actually)			9 (10)			9 (10)			9 (10)				
Operation Condition		Cool (DBT)	-			-			-				
		Heat (DBT)	-			-			-				
P I P I N G	PIPE DIAMETER mm (inch)		(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)			(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)			(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)				
	CONNECT METHOD, STD LENGTH m (ft)		flared type			flared type			flared type				
	PIPE LENGTH RANGE m (ft)		-			-			-				
	I/D & O/D HEIGHT DIFFERENCE m (ft)		-			-			-				
	ADD GAS AMOUNT g/m (oz/ft)		-			-			-				
	PIPE LENGTH FOR ADDITIONAL GAS m (ft)		-			-			-				

*3: Network Impedance shall be applicable for EUROPE and CHINA models.

*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

2. Low Silhouette Ducted Type (F2 Type)

2-1. Specifications

Unit specifications (D)

INDOOR			MODEL		S-106MF2E5A			S-140MF2E5A			S-160MF2E5A		
PANEL			MODEL		-			-			-		
PERFORMANCE TEST CONDITION					ISO15042 / AS / NZS3823 / EN14511 / EN12102								
POWER SUPPLY			ø, Hz		1ø 50 / 60Hz			1ø 50 / 60Hz			1ø 50 / 60Hz		
			V		220	230	240	220	230	240	220	230	240
C O O L I N G	CAPACITY		kW		10.6	10.6	10.6	14.0	14.0	14.0	16.0	16.0	16.0
			BTU/h		36200	36200	36200	47800	47800	47800	54600	54600	54600
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		1.35	1.30	1.27	1.48	1.44	1.39	1.55	1.50	1.47
	INPUT POWER		W		195	195	195	215	215	215	225	225	225
	ANNUAL CONSUMPTION		W *4		-	-	-	-	-	-	-	-	-
	EER/EER CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	EER		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		38/34/31			39/35/32			40/36/33		
Power Level dB			60/56/53			61/57/54			62/58/55				
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
H E A T I N G	CAPACITY		kW		11.4	11.4	11.4	16.0	16.0	16.0	18.0	18.0	18.00
			BTU/h		38900	38900	38900	54600	54600	54600	61400	61400	61400
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	CURRENT		A		1.37	1.34	1.29	1.46	1.42	1.38	1.55	1.50	1.46
	INPUT POWER		W		200	200	200	210	210	210	225	225	225
	COP/COP CLASS		(W/W)*5/("A"~"G")		-	-	-	-	-	-	-	-	-
	COP		BTU/hW		-	-	-	-	-	-	-	-	-
	POWER FACTOR		%		-	-	-	-	-	-	-	-	-
	NOISE INDOOR (H/M/L)		dB-A		38/34/31			39/35/32			40/36/33		
			Power Level dB		60/56/53			61/57/54			62/58/55		
NOISE OUTDOOR (H/L)		dB-A		-			-			-			
		Power Level dB		-			-			-			
EXTRA LOW TEMP		CAPACITY(kW)/INPUT POWER(W)/COP		-			-			-			
Cooling	MAX CURRENT(A)/MAX INPUT POWER(W)		1.80 / 265		1.75 / 265	1.70 / 265	1.80 / 265	1.75 / 265	1.70 / 265	1.91 / 285	1.86 / 285	1.81 / 285	
Heating	MAX CURRENT(A)/MAX INPUT POWER(W)		1.80 / 265		1.75 / 265	1.70 / 265	1.80 / 265	1.75 / 265	1.70 / 265	1.91 / 285	1.86 / 285	1.81 / 285	
STARTING CURRENT(A)/COMP OUTPUT(W)			-		-	-	-	-	-	-	-	-	
NETWORK IMPEDANCE (ΩMAX.) *3			-				-			-			
FM OUTPUT (ID/OD) W			235				235			235			
MOISTURE REMOVAL VOLUME			L/h(Pt/h)		6.4	(13.4)	9.0	(18.9)	10.7	(22.5)			
External static pressure			Pa		100 (MIN10 - MAX150)			100 (MIN10 - MAX150)			100 (MIN10 - MAX150)		
I/D AIR FLOW	COOL	m³/min (ft³/min)		32/26/21 (1130/918/742)			34/29/23 (1201/1024/812)			36/32/25 (1271/1130/883)			
	HEAT	m³/min (ft³/min)		32/26/21 (1130/918/742)			34/29/23 (1201/1024/812)			36/32/25 (1271/1130/883)			
O/D AIR FLOW	COOL	m³/min (ft³/min)		-			-			-			
	HEAT	m³/min (ft³/min)		-			-			-			
REFRIGERANT TYPE, AMOUNT g(oz)			-				-			-			
P R O M	D I M	HEIGHT : H mm(inch)		290		(11-7/16)	290	(11-7/16)	290	(11-7/16)			
		WIDTH : W mm(inch)		1400		(55-1/8)	1400	(55-1/8)	1400	(55-1/8)			
		DEPTH : D mm(inch)		700		(27-9/16)	700	(27-9/16)	700	(27-9/16)			
P A C M	I M	HEIGHT : H mm		355			355		355				
		WIDTH : W mm		1614			1614		1614				
		DEPTH : D mm		850			850		850				
MASS	(NET) kg(lb)		46		(102)	46	(102)	46	(102)				
	(GROSS) kg(lb)		55		(122)	55	(122)	55	(122)				
LAYERS LIMIT (actually)			9 (10)				9 (10)			9 (10)			
Operation Condition		Cool (DBT)		-			-			-			
		Heat (DBT)		-			-			-			
P I P I N G	PIPE DIAMETER mm (inch)		(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)				(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)			(Liquid) ø9.52 (3/8) (Gas) ø15.88 (5/8)			
	CONNECT METHOD, STD LENGTH m (ft)		flared type				flared type			flared type			
	PIPE LENGTH RANGE m (ft)		-				-			-			
	I/D & O/D HEIGHT DIFFERENCE m (ft)		-				-			-			
	ADD GAS AMOUNT g/m (oz/ft)		-				-			-			
	PIPE LENGTH FOR ADDITIONAL GAS m (ft)		-				-			-			

*3: Network Impedance shall be applicable for EUROPE and CHINA models.

*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

2. Low Silhouette Ducted Type (F2 Type)

2-2. Major Component Specifications

Indoor unit (A)

MODEL No.		S-15MF2E5A	
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz	
Controller P.C.B. Ass'y		A73C5910 (Microprocessor)	
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)	
Fan motor			
Model...Nominal output	W	SIC-70CW-D8120-1...119 W	
Power source		280 VDC	
No. of pole...r.p.m. (230V)	rpm	8P... 1040	
Run capacitor	VAC, µF	—	
Electronic expansion valve			
Coil		UKV-A152	
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46	
Valve body		UKV-25D32	
Heat exchanger			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	3...1.34	
Face area	m ²	0.202	
Drain pump		PMD-12D13ST-1	
Rated	V, W	DC 13 V, 4.2 W	
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min	

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (B)

MODEL No.		S-22MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5910 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-1...119 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1040
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.202
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (C)

MODEL No.		S-28MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5911 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-1...119 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1040
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.202
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (D)

MODEL No.		S-36MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5912 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-1...119 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1040
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.202
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (E)

MODEL No.		S-45MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5913 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-1...119 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1040
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.202
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (F)

MODEL No.		S-56MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5914 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (1...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-1...119 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1120
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.202
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (G)

MODEL No.		S-60MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5915 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (2...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-2...124 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1020
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.269
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (H)

MODEL No.		S-73MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5916 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (2...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-2...124 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1020
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-25D32
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.269
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (I)

MODEL No.		S-90MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C6405 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (2...ø185)
Fan motor		
Model...Nominal output	W	SIC-70CW-D8120-2...124 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1140
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-30D33
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.269
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (J)

MODEL No.		S-106MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5917 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (3...ø185)
Fan motor		
Model...Nominal output	W	SIC-101CW-D8200-1...235 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1180
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-30D33
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.403
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (K)

MODEL No.		S-140MF2E5A	
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz	
Controller P.C.B. Ass'y		A73C5918 (Microprocessor)	
Fan (Number...diameter)	mm	Sirocco Fan (3...ø185)	
Fan motor			
Model...Nominal output	W	SIC-101CW-D8200-1...235 W	
Power source		280 VDC	
No. of pole...r.p.m. (230V)	rpm	8P... 1200	
Run capacitor	VAC, µF	—	
Electronic expansion valve			
Coil		UKV-A152	
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46	
Valve body		UKV-30D33	
Heat exchanger			
Coil		Aluminium plate fin / Copper tube	
Rows...fin pitch	mm	3...1.34	
Face area	m ²	0.403	
Drain pump		PMD-12D13ST-1	
Rated	V, W	DC 13 V, 4.2 W	
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min	

2. Low Silhouette Ducted Type (F2 Type)

Indoor unit (L)

MODEL No.		S-160MF2E5A
Power source		220 - 230 - 240 V, single-phase, 50/60 Hz
Controller P.C.B. Ass'y		A73C5919 (Microprocessor)
Fan (Number...diameter)	mm	Sirocco Fan (3...ø185)
Fan motor		
Model...Nominal output	W	SIC-101CW-D8200-1...235 W
Power source		280 VDC
No. of pole...r.p.m. (230V)	rpm	8P... 1220
Run capacitor	VAC, µF	—
Electronic expansion valve		
Coil		UKV-A152
Coil resistance (at 20°C)	Ω	ORG – GRY : 46 YEL – GRY : 46 RED – GRY : 46 BLK – GRY : 46
Valve body		UKV-30D33
Heat exchanger		
Coil		Aluminium plate fin / Copper tube
Rows...fin pitch	mm	3...1.34
Face area	m ²	0.403
Drain pump		PMD-12D13ST-1
Rated	V, W	DC 13 V, 4.2 W
Drain piping rise height from unit bottom, capacity		785 mm, 400 cc/min

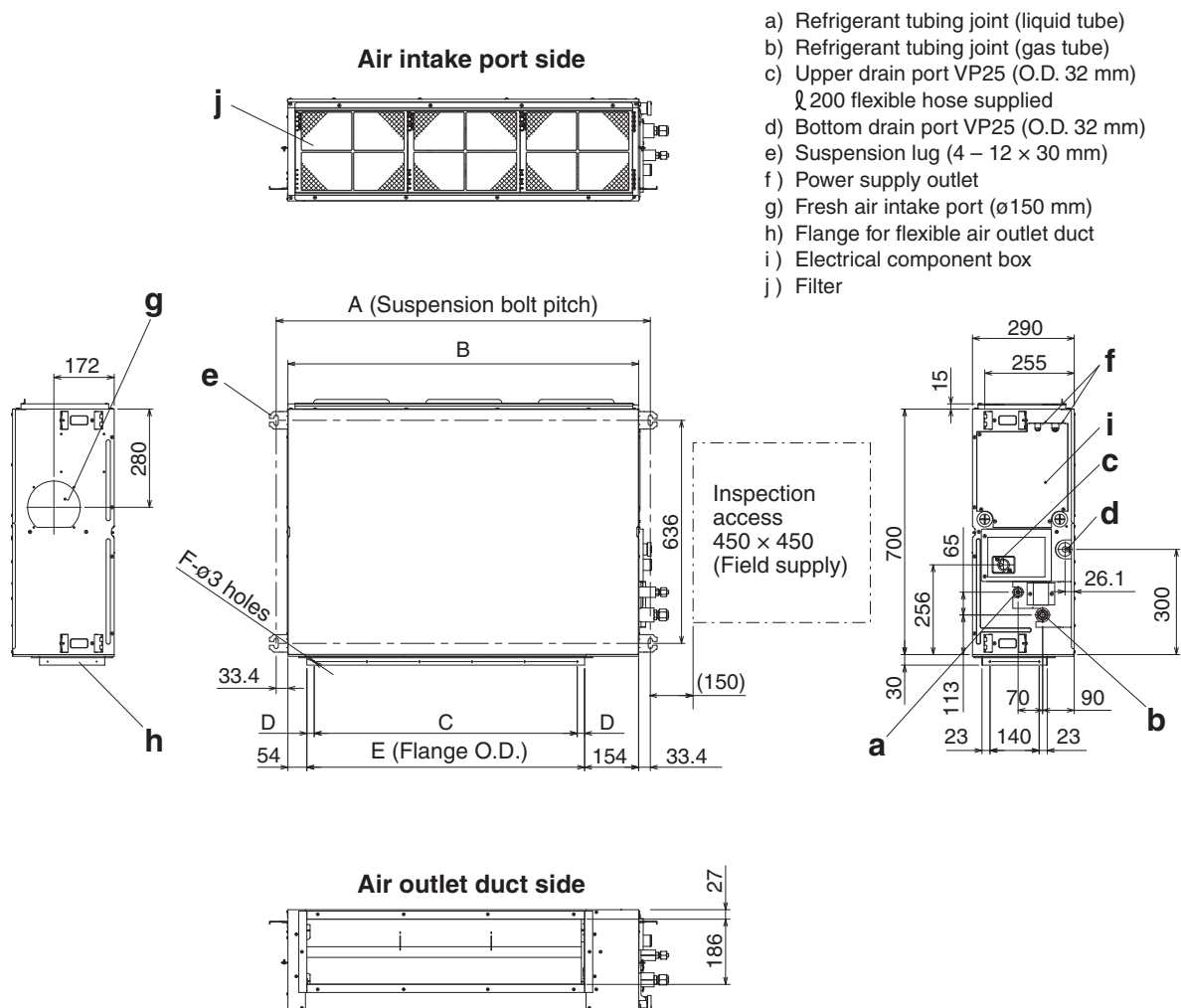
2. Low Silhouette Ducted Type (F2 Type)

2-3. Dimensional Data

**Indoor unit: S-15MF2E5A/22MF2E5A/28MF2E5A/36MF2E5A/45MF2E5A/56MF2E5A/60MF2E5A/
73MF2E5A/90MF2E5A/106MF2E5A/140MF2E5A/160MF2E5A**

Unit: mm						
Type	A	B	C	D	E	F
15, 22, 28, 36, 45, 56	867	800	450 (Pitch 150 × 3)	71	592	12
60, 73, 90	1,067	1,000	750 (Pitch 150 × 5)	21	792	16
106, 140, 160	1,467	1,400	1,050 (Pitch 150 × 7)	71	1,192	20

Unit: mm



2. Low Silhouette Ducted Type (F2 Type)

2-4. Noise Criterion Curves

Both 50Hz and 60Hz

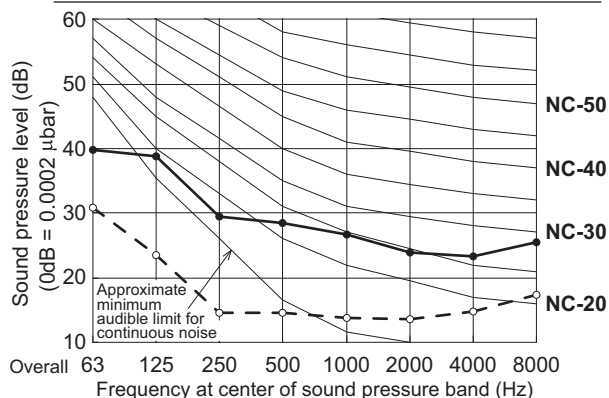
—●— High
 -○- Low

MODEL : S-15MF2E5A

SOUND LEVEL : HIGH 33 dB(A)

LOW 22 dB(A)

CONDITION : 1.5 m directly below unit

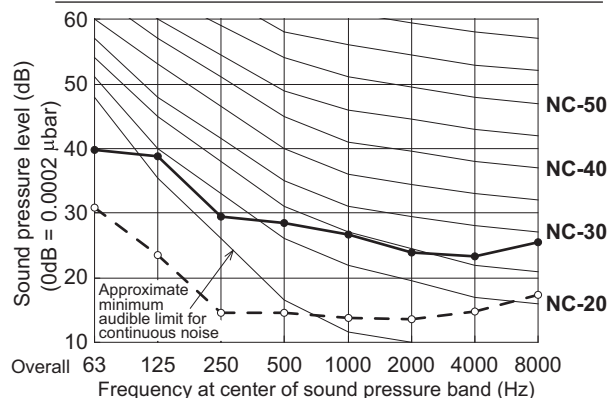


MODEL : S-22MF2E5A

SOUND LEVEL : HIGH 33 dB(A)

LOW 22 dB(A)

CONDITION : 1.5 m directly below unit

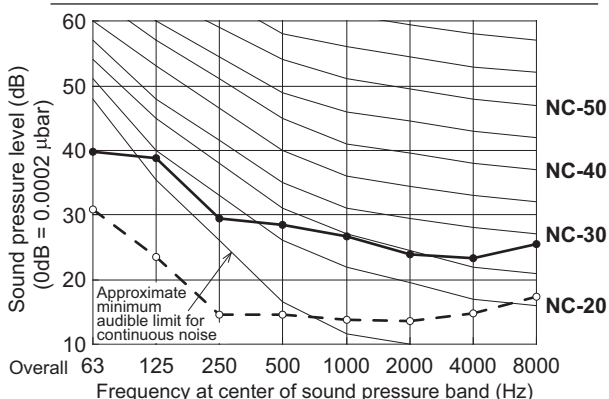


MODEL : S-28MF2E5A

SOUND LEVEL : HIGH 33 dB(A)

LOW 22 dB(A)

CONDITION: 1.5 m directly below unit

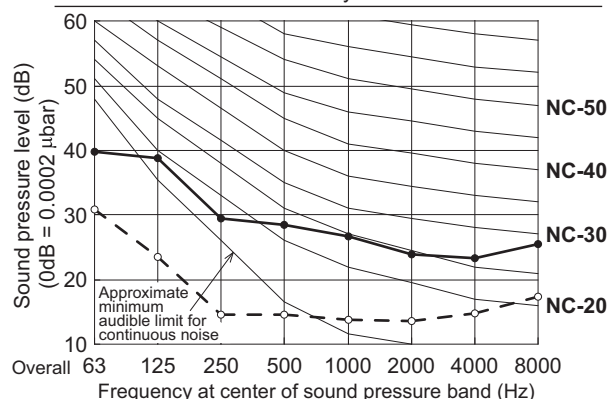


MODEL : S-36MF2E5A

SOUND LEVEL : HIGH 33 dB(A)

LOW 22 dB(A)

CONDITION : 1.5 m directly below unit

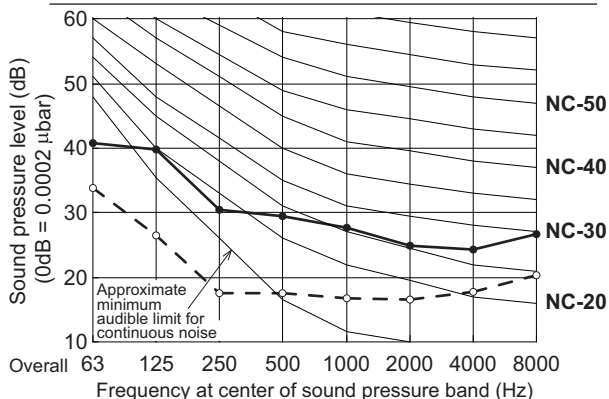


MODEL : S-45MF2E5A

SOUND LEVEL : HIGH 34 dB(A)

LOW 25 dB(A)

CONDITION: 1.5 m directly below unit

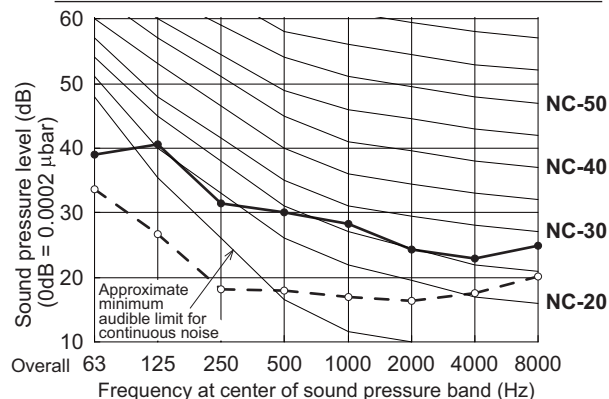


MODEL : S-56MF2E5A

SOUND LEVEL : HIGH 34 dB(A)

LOW 25 dB(A)

CONDITION : 1.5 m directly below unit



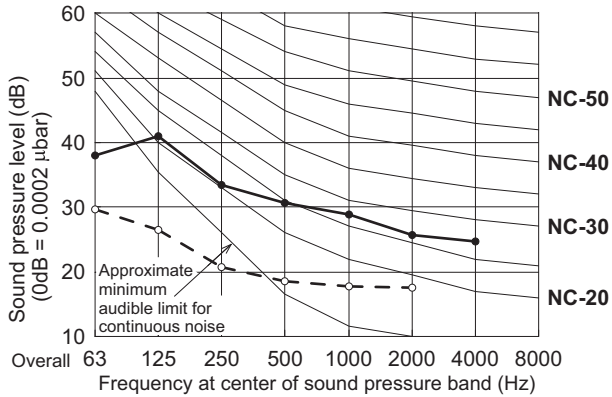
2. Low Silhouette Ducted Type (F2 Type)

MODEL : S-60MF2E5A

SOUND LEVEL : HIGH 35 dB(A)

LOW 26 dB(A)

CONDITION: 1.5 m directly below unit

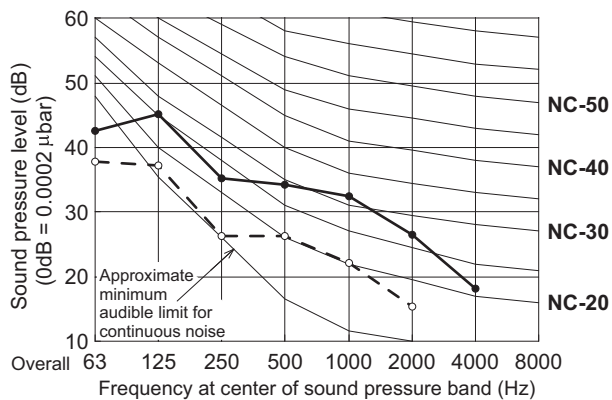


MODEL : S-90MF2E5A

SOUND LEVEL : HIGH 37 dB(A)

LOW 28 dB(A)

CONDITION: 1.5 m directly below unit

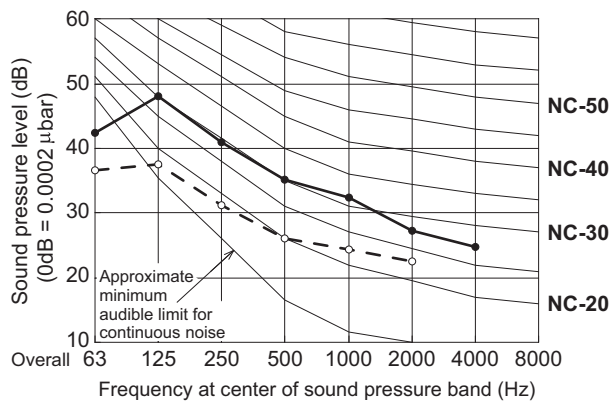


MODEL : S-140MF2E5A

SOUND LEVEL : HIGH 39 dB(A)

LOW 32 dB(A)

CONDITION: 1.5 m directly below unit



REMARKS:

- Value obtained in the actual place where the unit is installed may be slightly higher than the values shown in this graph because of the conditions of operation, the structure of the building, the background noise and other factors.
- The test results were obtained from an anechoic room.

Both 50Hz and 60Hz

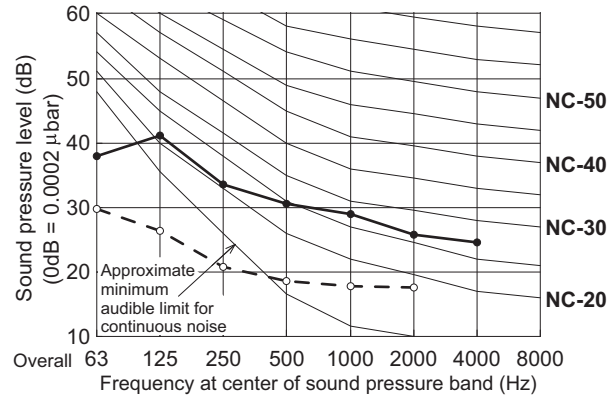
—●— High
—○— Low

MODEL : S-73MF2E5A

SOUND LEVEL : HIGH 35 dB(A)

LOW 26 dB(A)

CONDITION : 1.5 m directly below unit

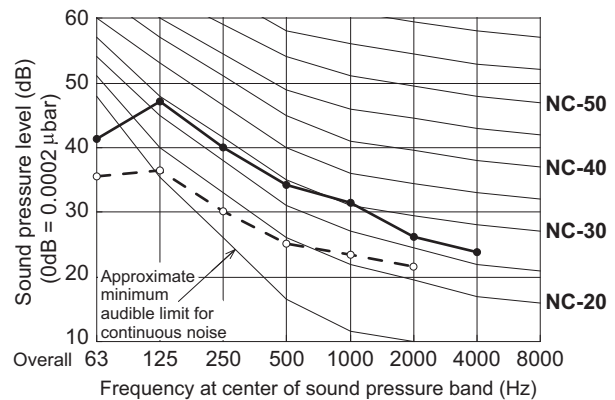


MODEL : S-106MF2E5A

SOUND LEVEL : HIGH 38 dB(A)

LOW 31 dB(A)

CONDITION : 1.5 m directly below unit

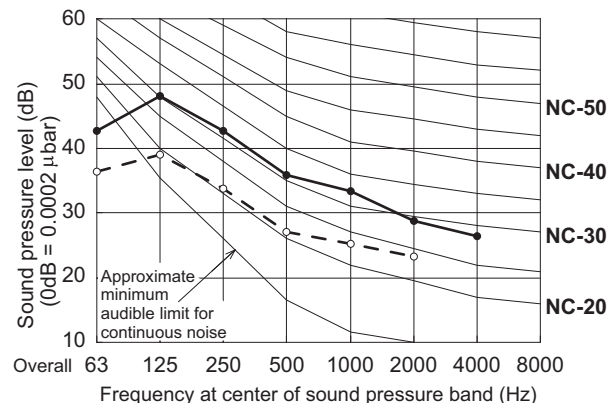


MODEL : S-160MF2E5A

SOUND LEVEL : HIGH 40 dB(A)

LOW 33 dB(A)

CONDITION : 1.5 m directly below unit



NOTE

To evaluate the noise level, the maximum value of the measured sound pressure level is used. Read the value at each frequency level (on horizontal axis, center of the sound pressure band) from 63 Hz to 8000 Hz, and select the corresponding maximum value indicated on the vertical axis.

2. Low Silhouette Ducted Type (F2 Type)

- (3) Refer to Table 2-2 and Fig. 2-2 for details on the relationship between the value of item code “b0” and the external static pressure.
- (4) When set in group control (connecting multiple indoor units with one wired remote controller), set each indoor unit to item code “b0”. When amending the setting after selecting [b. Manual setting] (due to airflow path changes, etc.), it is necessary to cancel [b. Manual setting] (disconnect short-circuit connector). When [b. Manual setting] has not been cancelled, [c. Manual setting] and [d. Auto airflow volume setting] will be activated if selected, but [b Manual setting] takes precedence when the power is switched back on after power outages, etc.
- (5) If this is not completed within 8 minutes, check the drive mode, air speed and air inlet temperature.
- (6) When set in group control (connecting multiple indoor units with one wired remote controller), the test run operations display will disappear once the external static pressure setting check or auto airflow volume control operation check have been completed for the main unit. Decisions on sub-unit complete are not possible. The test run operation display will disappear after one hour even if the external static pressure setting check or auto airflow volume control operation check have not been completed.

⚠ CAUTION

- Be sure to check that the external static pressure is within the range for use and then make the setting. Failure to observe this may result in insufficient airflow or water leakages. Refer to Fig. 2-2 for the external static pressure setting range.
- There are cases in which automatic variable dampers and other mounted items may trigger the P12 alarm on systems that modify the static pressure of outdoor units when the auto airflow volume control operations or setting check operations are carried out if high static pressure in the outdoor unit is lowered. In this event, lower the dampers, etc., so that the static pressure in the outdoor unit reaches its lowest level, and then carry out the auto airflow volume control operations or setting check operations.
- Be sure to set the [External Static Pressure Setting] once again after amending the airflow path for the duct or air outlet after setting the external static pressure.
- Set the air inlet temperature within the range for use. The auto airflow volume control will not function if the air inlet temperature is over 45°C or not in the fan mode.

2-5-1. How to Set on PC Board

1. Turn off the power breaker to halt the supply of electricity to the PC board.
2. Open the lid of electrical equipment box and check where the short-circuit pin on the indoor unit control PC board is located (Fig. 2-1)
3. Short circuit the applicable short-circuit pin in accordance with the selected short-circuit pin connected (Fig. 2-2).

150 Pa : TP3 (2P: yellow) short-circuit

140 Pa : TP1 (2P: red) short-circuit

* Use the short-circuit connector (2P: yellow) supplied.

Table 2-1 Selection of connected short-circuit pins

External static pressure at the time of rated airflow volume	Short-circuit pin
Unusable	TP6 (2P: white)
150 Pa	TP3 (2P: yellow)
140 Pa	TP1 (2P: red)

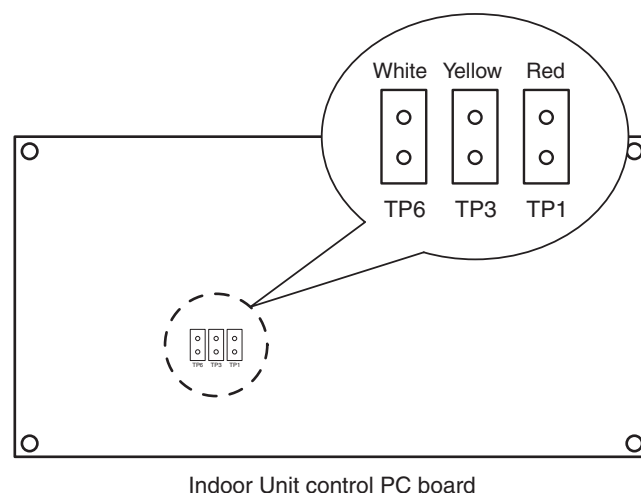


Fig. 2-1

2. Low Silhouette Ducted Type (F2 Type)

2-5-2. Operating the Timer Remote Controller (CZ-RTC2)

2-5-2-1. Setting Item Code “b0”

- Press and hold down the , and buttons simultaneously for 4 or more seconds.
(**SETTING**, the Unit No., Item Code and Detailed Data will blink on the remote controller's LCD display.)
- The indoor unit numbers in the group control will be sequentially displayed whenever the Unit Select button is pressed .
Only the fan motor for the selected indoor unit will operate during this.
- Specify the “**b0**” item code by pressing the / buttons for the temperature setting buttons and confirm the values.
(“**-001**” set at shipment)
- Press the / buttons for the time to amend the values for the set data.
Refer to table 2-2 and Fig. 2-2 and select a value between “**0001**” and “**0015**”.
Select “**-002**” if the auto airflow volume setting is activated.
- Press the button.
The display will stop blinking and remain illuminated.
- Press the button. The fan motor will stop operating and the LCD display will return to the normal stop mode.

2-5-2-2. Auto Airflow Volume Control Operations and External Static Pressure Setting-Check Operation

- Press and hold down the button for 4 or more seconds. “**TEST**” will be displayed on the remote controller's LCD display.
- Press the button to commence the test run.
[Test Run] will be displayed on the remote controller's LCD display.
- Select the fan mode and set it to “H” by pressing the button.

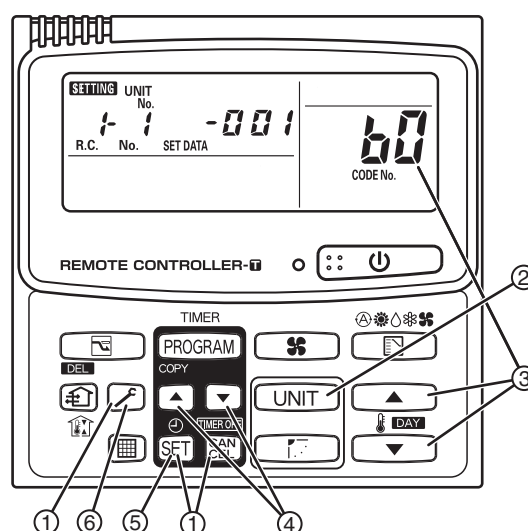
CAUTION

Auto airflow volume control operations and external static pressure setting-check operations will not be performed unless [H] has been selected for the fan mode.

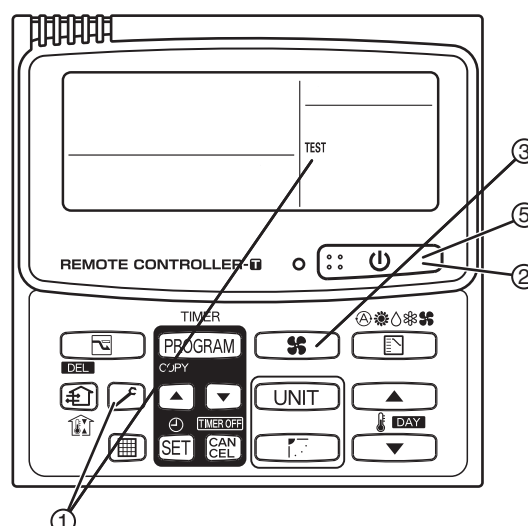
- The fan motor will be activated and auto airflow volume control operations or external static pressure setting-check operations will commence.
The power of the airflow will change while these operations are in progress.
The external static pressure setting-check operations and auto airflow volume control operations will be completed in about 3 to 30 minutes.
The “**TEST**” display will be extinguished from the remote controller's LCD display.
- Press the button to halt the test run.

Table 2-2 Setting the external static pressure

Indoor unit		Item code
15, 22, 28, 36, 45, 56, 60, 73, 90	106, 140, 160	b0
External static pressure of the rated air flow volume (Pa)		
150	150	0015
140	140	0014
130	130	0013
120	120	0012
100	110	0011
70	100	0008
60	70	0006
50	50	0005
30	30	0003
10	10	0001
No auto airflow volume setting		-001
Auto airflow volume setting		-002



* Failure to set this parameter may result in decreased airflow and condensation.

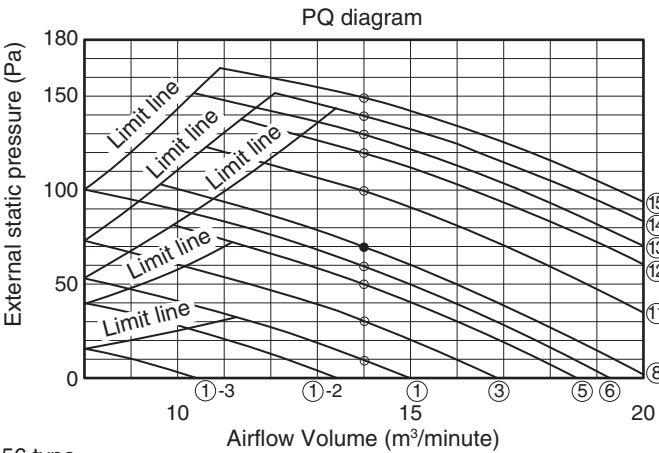


2. Low Silhouette Ducted Type (F2 Type)

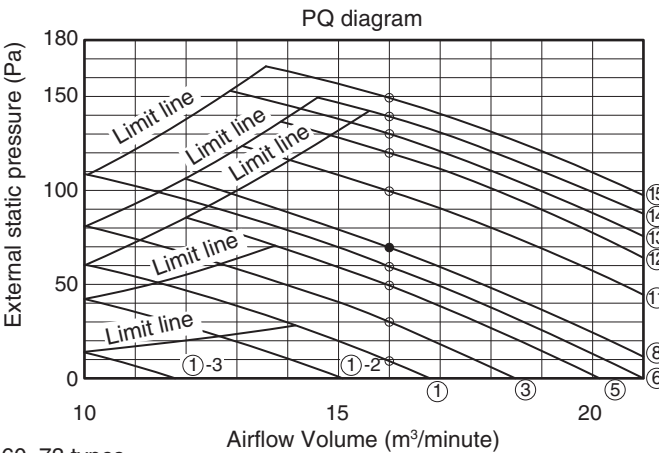
Indoor Fan Performance

		Item code “ b0 ”																					
		00 15	00 14	00 13	00 12	00 11	00 08	00 06	00 05	00 03	00 01												
Tap	⑮	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Setting at shipment		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	⑭	H	H																				
	⑬	M	M			H	H																
	⑫						H	H															
	⑪				M				H	H													
	⑩			M			M	M	M			H	H										
	⑨	L	L			M				M	M			H	H								
	⑧											M	M										
	⑦				L		L	L	L	L	L			M	M	M	M	H	H				
	⑥											L	L	L	L				M	M	H	H	
⑤																							
④																							
③																							
②																							
①																							
①-2																							
①-3																							

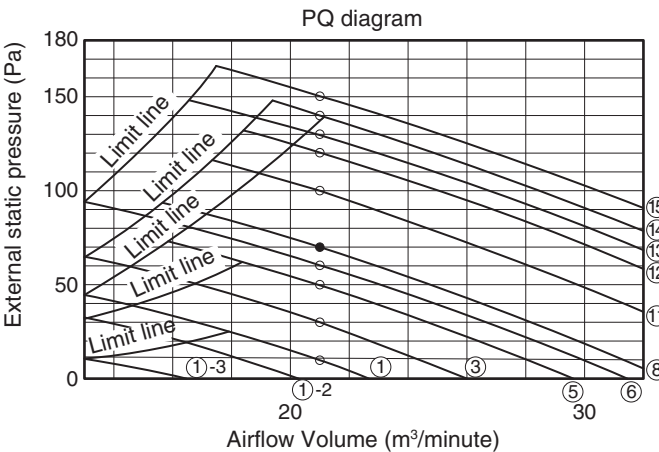
15, 22, 28, 36, 45 types



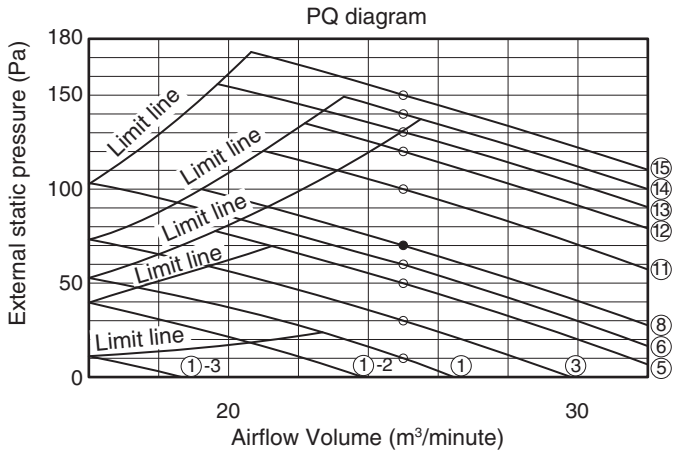
56 type



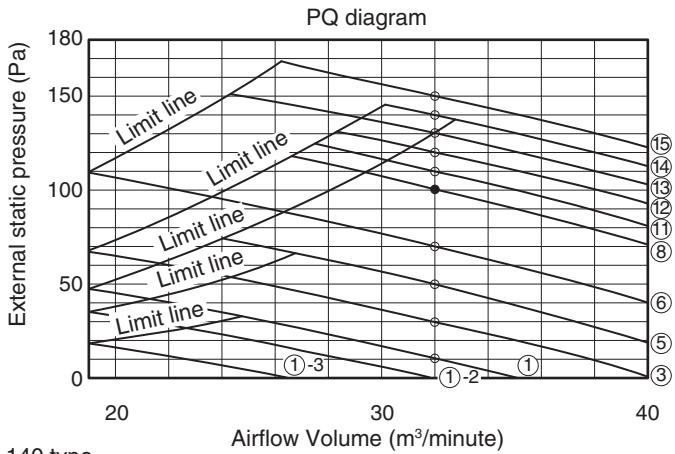
60, 73 types



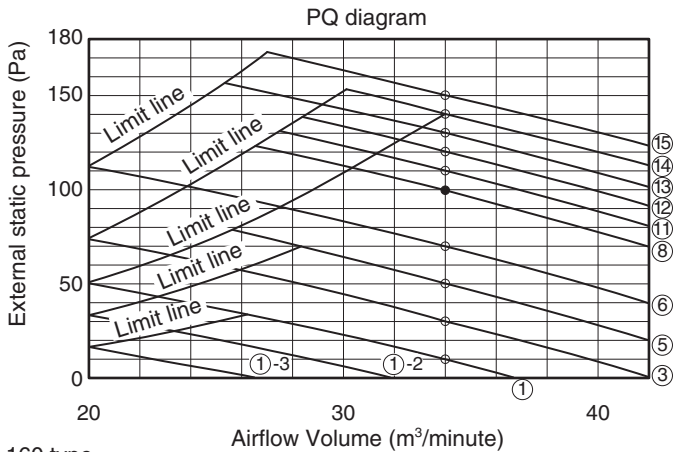
90 type



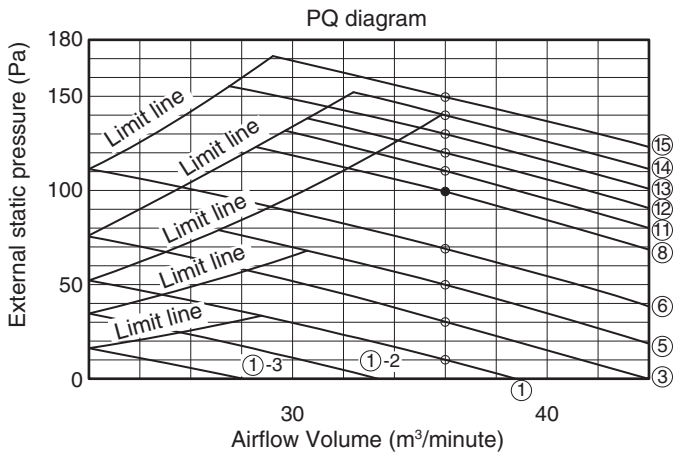
106 type



140 type



160 type



7. Fresh Air Intake

7-1. Precautions Regarding External Air Intake

(1) Ventilation Load

Ensure that the design of the air-conditioner takes air-conditioning loads into consideration when external air intake is involved.

(2) Restrictions on External Air Intake

Ensure that the design conforms to the restrictions on air intake volume stipulated in accordance with the model of the indoor unit and the intake method. Consideration must also be taken to mixed air content listed in (3) below without fail.

* If the air intake volume does not satisfy the required ventilation volume, air must be fed into the room separately with the use of a total heat exchanger or a fresh air processing air-conditioner, etc.

(3) Mixed Air

The amount of external air intake must be set within the scope of the unit's usage conditions when external air and internal air is mixed together. This is especially important in the following cases, in which it is necessary to either feed external air into the room after it has been processed or reduce the amount of external air that is fed in.

① When the external dew-point temperature is greater than the dry-bulb temperature of the air sucked into the unit
Ensure that processing is performed so that the external dew-point temperature is lower than the temperature of the air sucked into the unit to prevent the risk of condensation building up.

② In the case of low external temperatures

There are cases in which the temperature of mixed air is lower than the operating range of the unit if excessive amounts of external air intake are used when the external temperature is low.

This problem is to be solved by either feeding external air into the room after it has been processed or reducing the amount of external air that is fed in.

③ When used in combination with humidifiers

External air must always be processed when the external air temperature reaches freezing point to prevent the risk of the humidifier freezing.

(4) Arranging Ducts and Filters in the Field

External air intake ducting must be arranged in the field.

External air filters must also be installed without fail in order to prevent the intake of dust and grit.

(5) Thermal Insulation for Ducts

Ensure that all external air intake ducting is heat-insulated without fail. Failure to observe this may result in the build-up of condensation.

(6) External Air Intake Coupling

Ensure that the design for external air intake is coupled with the fan blower operations of the indoor unit.

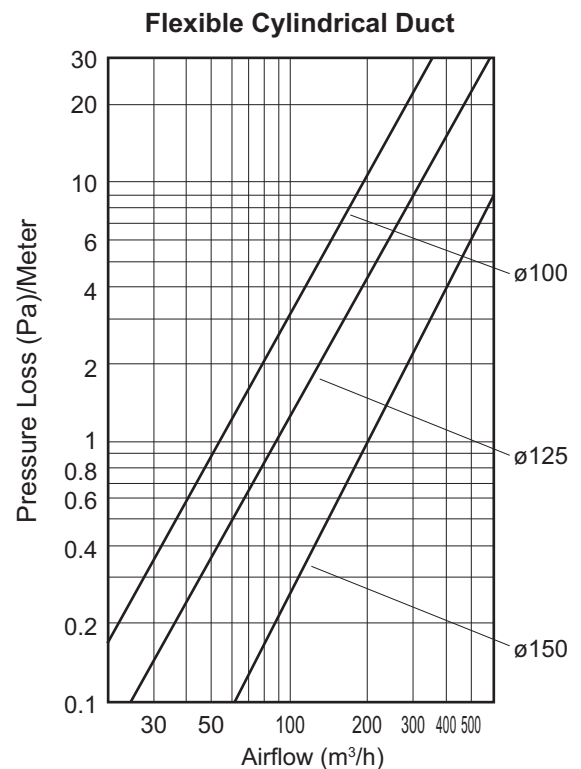
There are cases in which the dust that accumulates in the filter is blown into the room if the external air is fed from the filter. There are also cases in which the noise of external air being fed into the room can be heard from the indoor unit if external air is forcibly fed when the booster fan or other components on the indoor unit are not operating.

(7) Booster Fan Selection

Select the booster fan in accordance with the resistance of the external air intake duct (diagram on the pressure loss characteristics of the air flow volume for flexible cylindrical ducts) and the resistance prevalent inside the unit (external air intake volume & resistance within unit / operation noise characteristics).

(8) Attaching the External Air Intake Flange

Regarding the installation direction of the external air intake duct, refer to the Installation Instructions provided with the external air intake duct.



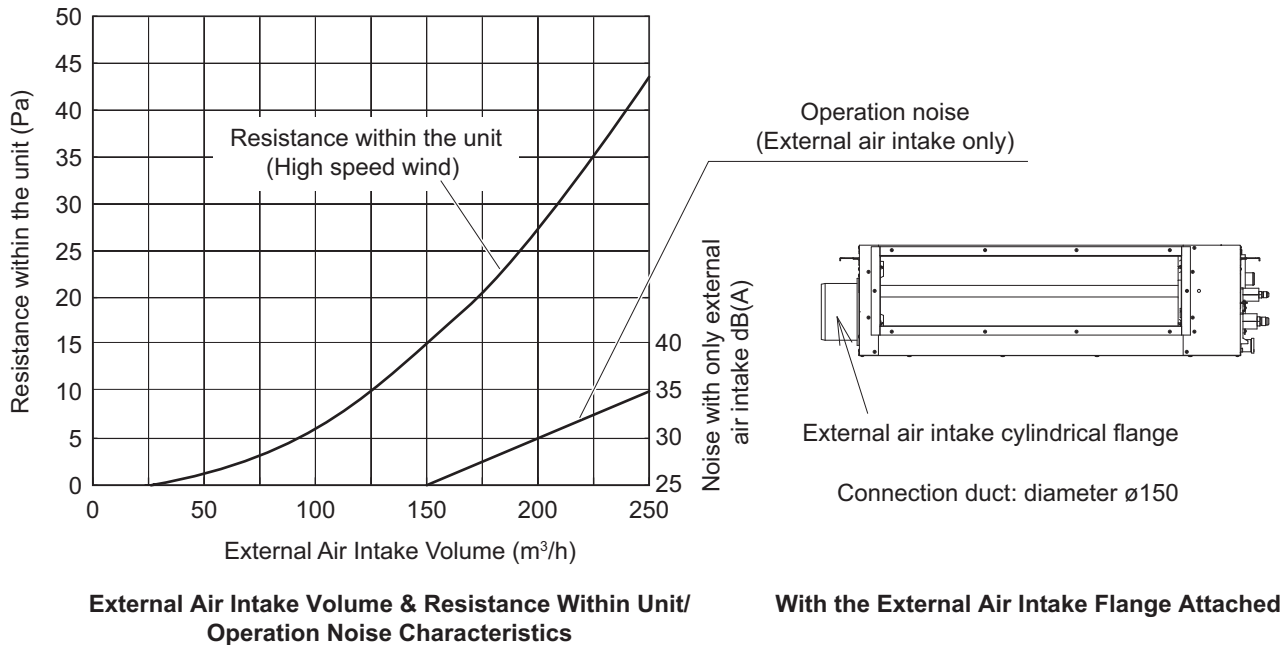
Air Flow Volume for Flexible Cylindrical Duct-Pressure Loss

7. Fresh Air Intake

7-2. External Air Intake Volume & Resistance Within Unit / Operation Noise Characteristics (continued)

● Low Silhouette Ducted (F2 Type)

7-2-4. In a Case of External Air Intake to Unit Directly (Using external air intake cylindrical flange)



1. Calculate the operation noise when external air is being fed by combining the noise when only external air is being fed as shown in the diagram for operation noise characteristics and the operation noise of the unit as stipulated in the catalogue.
2. The operation noise conforms to JIS standards and constitute measurements taken in an anechoic chamber 1.5m directly below the indoor unit. Under normal circumstances, the diagram shown above is greater owing to the effects of surrounding noise and reverberation when the unit is actually installed.

The amount of external air intake that is possible to feed when it is fed directly into the unit

Type	15	22	28	36	45	56	60	73	90	106	140	160
Permissible air intake volume (m³/h)	102	102	102	126	126	150	180	180	180	240	240	240

* The operation noise for models that use small units is lower, so use values that are within the range shown in the above table. Using values that exceed these will result in noise when only external air is fed being louder than the noise emitted from the unit.

Contents

6. ELECTRICAL DATA

1. 4-Way Cassette 6-2

 (1) S-22MU1E5A/28MU1E5A/36MU1E5A/45MU1E5A/56MU1E5A/60MU1E5A/
 73MU1E5A/90MU1E5A/106MU1E5A/140MU1E5A/160MU1E5A

2. 4-Way Cassette 60×60 6-3

 (1) S-15MY2E5A/22MY2E5A/28MY2E5A/36MY2E5A/45MY2E5A/56MY2E5A

3. Low Silhouette Ducted 6-4

 (1) S-15MF2E5A/22MF2E5A/28MF2E5A/36MF2E5A/45MF2E5A/56MF2E5A/
 60MF2E5A/73MF2E5A/90MF2E5A/106MF2E5A/140MF2E5A/160MF2E5A

4. Ceiling 6-5

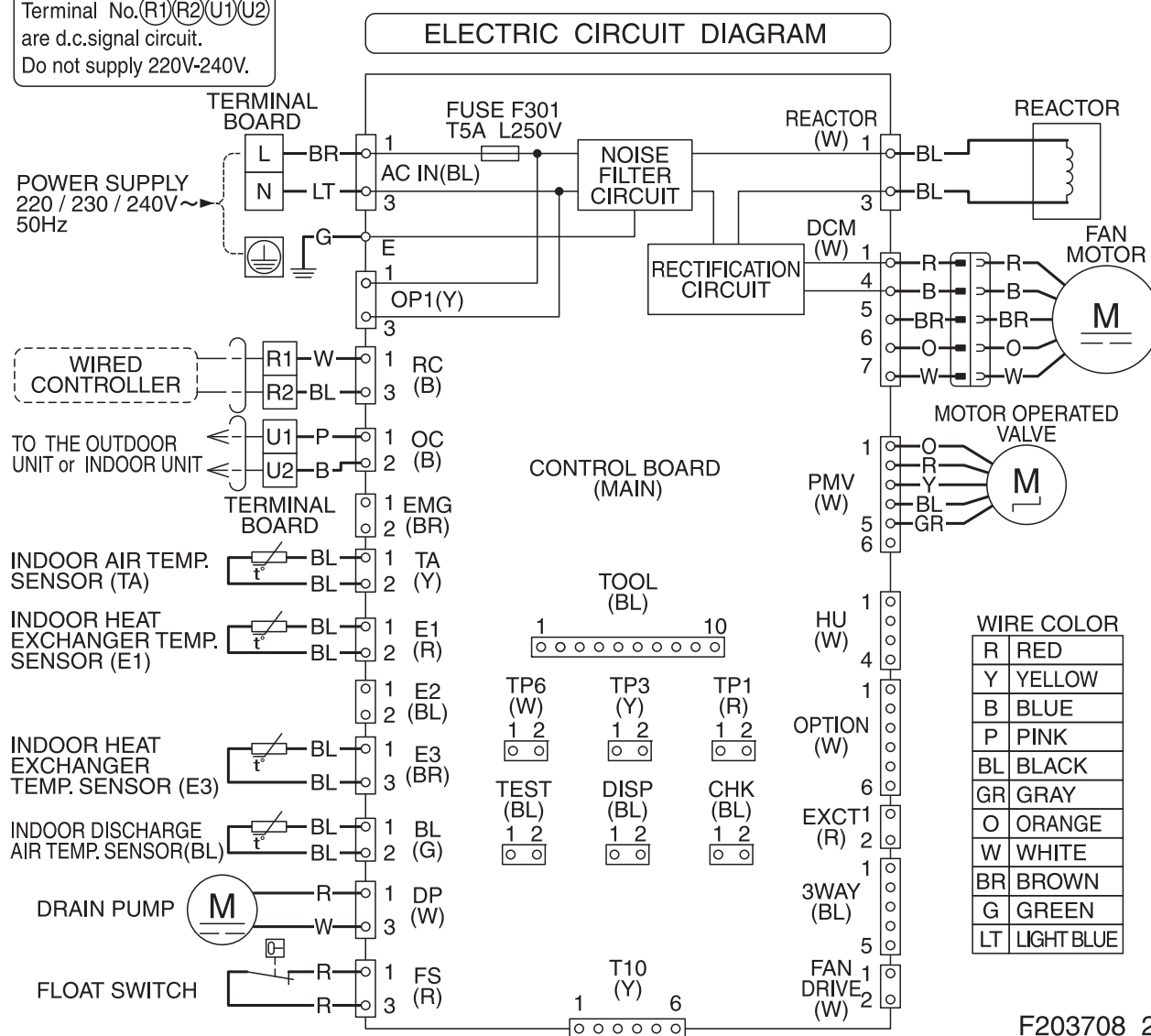
 (1) S-36MT2E5A/45MT2E5A/56MT2E5A/73MT2E5A/106MT2E5A/140MT2E5A

5. Wall Mounted 6-6

 (1) S-15MK2E5A/22MK2E5A/28MK2E5A/36MK2E5A

 (2) S-45MK1E5A/56MK1E5A/73MK1E5A/106MK1E5A

Terminal No. (R1)(R2)(U1)(U2)
are d.c. signal circuit.
Do not supply 220V-240V.



F203708 2

Contents

8. CAPACITY TABLE

For 2WAY VRF SYSTEM

1. Cooling Capacity of Indoor Unit.....	8-2
1-1. 4-Way Cassette Type (U1 Type)	8-2
1-2. 4-Way Cassette 60×60 Type (Y2 Type)	8-13
1-3. Wall Mounted Type (K2 Type)	8-19
1-4. Wall Mounted Type (K1 Type)	8-23
1-5. Ceiling Type (T2 Type)	8-27
1-6. Low Silhouette Ducted Type (F2 Type)	8-33

For 3WAY VRF SYSTEM

2. Cooling Capacity of Indoor Unit.....	8-45
2-1. 4-Way Cassette Type (U1 Type)	8-45
2-2. 4-Way Cassette 60×60 Type (Y2 Type)	8-56
2-3. Wall Mounted Type (K2 Type)	8-62
2-4. Wall Mounted Type (K1 Type)	8-66
2-5. Ceiling Type (T2 Type)	8-70
2-6. Low Silhouette Ducted Type (F2 Type)	8-76

For MINI VRF SYSTEM

3. Cooling Capacity of Indoor Unit.....	8-88
3-1. 4-Way Cassette Type (U1 Type)	8-88
3-2. 4-Way Cassette 60×60 Type (Y2 Type)	8-99
3-3. Wall Mounted Type (K2 Type)	8-105
3-4. Wall Mounted Type (K1 Type)	8-109
3-5. Ceiling Type (T2 Type)	8-113
3-6. Low Silhouette Ducted Type (F2 Type)	8-119

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

1-6. Low Silhouette Ducted Type (F2 Type)

● S-15MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 14.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	29	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	31	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-22MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 14.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	29	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	29	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	31	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	31	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1
	31	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.4
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.4
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-28MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 14.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.9
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	3.0
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3	3.2	3.1
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-36MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.9
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.2	4.1	3.9
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.1
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-45MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 14.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	29	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7
	31	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.8
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.2
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.7
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.4	5.2	5.1	4.9
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.0	2.0
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.4
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.4

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-56MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 16.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	5.9
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	6.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.3
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.4
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.7	6.5	6.3	6.1
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.4
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.0
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.6	3.5
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.2	4.1

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-60MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		6.0 kW AIR FLOW RATE : 21.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6
	29	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.5	6.3
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.8	6.6	6.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.1
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.6
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.2	7.0	6.8	6.6
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.7
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.2
	31	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.1	5.0	4.9

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-73MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9
	29	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	7.9	7.7
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.5
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.3	8.1	7.8
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.6	3.5
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.1
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.0	4.9	4.8
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.4
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.0	8.7	8.5	8.2	8.0
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.1
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.9	3.8
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.5	4.4
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	5.4	5.3	5.2	5.1

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-90MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		9.0 kW AIR FLOW RATE : 25.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	21	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	21	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	23	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	21	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	23	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	27	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	21	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
	25	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
19		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	27	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.3
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
	29	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.8	9.5
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.7
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5
	29	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.2
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.3	10.0	9.7
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.4	4.3
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.2	5.0
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.9	5.8
	31	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.5
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.1	10.8	10.5	10.2	9.9
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	4.0	3.9
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.8	4.7	4.6
	29	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.7	5.6	5.5	5.3
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.3	6.2	6.1

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-106MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 32.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	21	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	21	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	21	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	21	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	23	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	21	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	23	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	31	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
	21	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
	25	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	29	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	31	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	10.9
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4
	25	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6
	27	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.7
	29	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
	31	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.0
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	11.2
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.9	4.8
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.1	6.0
	27	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	7.1
	29	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.2
	31	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.5	9.3
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.4	12.1	11.7	11.4
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.3
	27	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.4
	29	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.7	7.6
	31	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.0	8.9	8.7
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.1	12.7	12.3	12.0	11.6
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.8	4.7
	27	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.1	6.0
	29	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3	7.2	7.1
	31	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.5	8.4	8.2

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-140MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 34.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	23	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
	25	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
	21	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
	23	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	27	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
	21	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	25	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
	27	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	23	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	25	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
	27	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.4
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9
	25	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.0
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.1
	29	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.2
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.6	15.2
	23	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.5	7.3
	27	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.4
	29	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.5
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.4	15.9	15.5	15.0
	25	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	7.0	6.8	6.7
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.3	8.1	8.0	7.7
	29	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.3	9.1	8.9
	31	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.4	10.2	10.0
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.2	16.7	16.3	15.8	15.3
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.4	6.2	6.0
	27	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.6	7.5	7.3	7.1
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.0	8.8	8.6	8.4	8.2
	31	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.1	9.9	9.7	9.5	9.3

1. Cooling Capacity of Indoor Unit

For 2WAY VRF SYSTEM

● S-160MF2E5A

Power supply :220/230/240V 1phase-50,60Hz

TC : Total Cooling Capacity (kW), SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 16HP outdoor unit.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 36.0 m³/min															
EVAPORATOR		CONDENSER															
AIR INTAKE TEMP		AMBIENT TEMP. (°C)															
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	21	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	23	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
	21	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
	23	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
	25	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	27	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
	21	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	27	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	25	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	27	SHC	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
	25	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
	27	SHC	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	23	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	25	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	27	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.0	16.5
	23	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8
	25	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.8
	27	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.9
	29	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.0
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.9	17.3	16.8
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.3	7.1
	25	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.4	8.2
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7	9.5	9.3
	29	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.6	10.3
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.8	18.2	17.7	17.2
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.2	8.0	7.7	7.5
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.3	9.1	8.8	8.6
	29	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	10.2	10.0	9.7
	31	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5	11.3	11.0	10.8
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.7	19.1	18.6	18.0	17.5
	25	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.5	7.3	7.1	6.8
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.8	8.6	8.4	8.2	7.9
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.9	9.7	9.5	9.2	9.0
	31	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.0	10.8	10.6	10.3	10.1

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

2-6. Low Silhouette Ducted Type (F2 Type)

● S-15MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 14.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.0
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.1
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.9
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.1
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.1
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.4	1.1
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.0
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.1
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.4	1.1
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.1
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.6
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.0	0.9
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.1
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.4	1.1

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-22MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 14.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.6
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.4
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.6
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.6
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.0
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.2
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.5
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.6
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.0	1.6
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.4
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.6
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.3	2.0	1.6
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	0.9
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.2
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.5
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.0	1.6
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.3	2.0	1.6
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.7
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.0
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.6	1.3
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.6	1.6

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-28MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.0
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.0
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.4
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	1.8
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.0
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.0
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.0
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.5	2.0
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.2
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.6
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.0
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.9	2.5	2.0
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.2	1.0
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.4
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.7
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.0
	31	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	2.9	2.0
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	2.9	2.5	2.0
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.4	1.2
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.5
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.0
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	2.9	2.5	2.0
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.2	0.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.3
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.7
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.0

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-36MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.8
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.2
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.6
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.6
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.9
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	2.6
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.3	2.6
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.3
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.7
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.1
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.5
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.3	2.6
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.5
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	1.9
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.3
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.6
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.7	3.3	2.6
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.2
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.6
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.5	2.1
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.0	2.5
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.7	3.3	2.6
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.7	1.4
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.2	1.8
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.7
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.6
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	3.7	3.3	2.6
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.4	1.2
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.1	1.9	1.6
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.0
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.3	3.1	2.9	2.4

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-45MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.2
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.2
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.2
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.8
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.2
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.6
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.0
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.1	3.2
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.5
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.9
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	2.9	2.4
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	2.8
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.1	3.2
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.7
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.1
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.1	2.5
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.5	2.9
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.7	4.1	3.2
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.4
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.3	1.9
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.3
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.2	2.7
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.7	4.1	3.2
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.2	2.0	1.6
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.5	2.0
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.9	2.4
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.4	2.8
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	4.7	4.1	3.2
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	1.9	1.7	1.4
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.4	2.2	1.8
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	2.9	2.7	2.2
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.4	3.1	2.6

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-56MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 16.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.8
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.0
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.0
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.4
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	3.9
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.0
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.2
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.7
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.1
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.6
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.1	4.0
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	1.9
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	2.9	2.4
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	2.9
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.0	3.3
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.1	4.0
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6	2.1
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.6
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.1	4.1	3.7	3.0
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.2	3.5
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	5.8	5.1	4.0
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.2	1.8
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.8	2.3
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.3	2.7
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	3.9	3.2
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	5.8	5.1	4.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.4	2.0
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.3	3.0	2.4
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.6	2.9
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.1	3.4
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.7	6.5	5.8	5.1	4.0
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.4	2.1	1.7
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	2.9	2.6	2.2
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.5	3.2	2.6
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.1	3.8	3.1

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-60MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		6.0 kW AIR FLOW RATE : 21.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.0
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.3
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.9
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.5
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.1
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.3
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	4.3
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.5
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.1
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	3.7
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	4.3
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.4	4.3
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.6	2.1
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	2.7
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1	3.4
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.8	4.0
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	5.4	4.3
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.9	2.4
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	3.0
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	3.6
	29	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.1	4.2
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.2	5.4	4.3
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.5	2.0
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.2	2.6
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	3.9	3.2
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.7	3.9
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.8	6.2	5.4	4.3
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.1	2.8	2.3
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.5	2.9
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.2	3.5
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.4	5.0	4.1
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.2	7.0	6.2	5.4	4.3
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.9	2.6	2.3	1.9
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.4	3.1	2.5
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.2	3.8	3.1
	31	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.1	4.9	4.5	3.8

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-73MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.2
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.5
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.7
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.2
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.2
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.1
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.7
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.2
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.8
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	5.2
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.8
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.3
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	3.9
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	4.4
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.6	5.2
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.4
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.0
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	3.5
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	4.1
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6	6.6	5.2
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.3	2.6
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.9	3.2
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5	3.7
	29	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.2	4.3
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1	7.6	6.6	5.2
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2	2.8	2.3
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.5	2.8
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.1	3.4
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	4.8	3.9
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.3	7.6	6.6	5.2
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.5	3.1	2.5
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.1	3.7	3.0
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.0	4.8	4.4	3.6
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.0	4.1	
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.8	8.5	7.6	6.6	5.2
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.0	2.7	2.1
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.7	3.3	2.7
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.7	4.4	4.0	3.2
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.4	5.3	5.1	4.6	3.8

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-90MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		9.0 kW AIR FLOW RATE : 25.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	21	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4
	21	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9
	23	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.4
	21	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3
	23	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.9
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.6
	27	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.3
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.4
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	6.4
	21	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.8
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.4
	25	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.1
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.7
	29	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.3
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.2	6.4
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.4
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.0
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	4.6
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	5.3
	29	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	5.9
	31	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	6.4
		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.2	6.4
19	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.0
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.5	3.6
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	4.2
	27	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	5.9	4.9
	29	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.7	5.5
	31	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	6.1
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.3	8.2	6.4
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.0	3.2
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.7	3.8
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.5	4.5
	29	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.2	5.1
	31	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.9	5.7
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.0	9.3	8.2	6.4
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.0	3.5	2.8
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	4.2	3.4
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.0	4.1
	29	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	5.7	4.7
	31	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	6.5	5.3
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.6	10.3	9.3	8.2	6.4
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.2	3.7	3.0
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.0	4.5	3.6
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	5.8	5.2	4.3
	31	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.6	6.0	4.9
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	10.8	10.5	9.3	8.2	6.4
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	3.7	3.3	2.6
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.0	4.9	4.5	4.0	3.2
	29	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.7	5.6	5.3	4.7	3.9
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.4	6.1	5.5	4.5

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-106MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)
This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 32.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	21	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6
	21	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.5
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.6
	21	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.5
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.6
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.6
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.6
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.6
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	7.6
	21	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	4.8
	23	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.8
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	6.8
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	7.6
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	7.6
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.6	7.6
	21	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.2	4.2
	23	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	5.2
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	6.2
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	7.1
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.6	7.6
	31	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.6	7.6
		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.6	7.6
19	21	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.5	3.6
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.7	4.6
	25	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	6.8	5.6
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.9	6.5
	29	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.1	7.5
	31	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.6	7.6
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.0	9.6	7.6
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	4.0
	25	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	5.0
	27	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.2	6.0
	29	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.1	9.2	8.4	6.9
	31	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.4	9.5	7.6
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.0	9.6	7.6
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.8	4.3	3.4
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.4	4.4
	27	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.4	7.4	7.2	6.5	5.4
	29	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.4	7.7	6.3
	31	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.7	9.8	9.6	8.8
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.5	12.1	11.0	9.6	7.6
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.3	4.7	3.8
	27	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	5.8	4.8
	29	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.7	7.0	5.8
	31	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.9	8.1	6.7
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.1	12.7	12.3	11.0	9.6	7.6
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	4.5	4.0	3.2
	27	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.2	6.1	5.7	5.1	4.2
	29	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	6.9	6.3	5.2
	31	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.5	8.5	8.1	7.4

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-140MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 34.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.0
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5
	23	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6
	25	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.0
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.0
	21	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.6
	23	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	7.6
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.6
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.6
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	10.0
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.9
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.8
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	7.8
	27	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	8.7
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.7	10.0
	21	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	5.2
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	6.2
	25	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	7.1
	27	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.9	8.1
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.7	10.0
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.8	4.6
	23	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.9	5.6
	25	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	6.5
	27	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.1	7.5
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.5	10.0
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.1	4.9
	25	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.1	7.3	5.9
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.8
	29	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.5	10.5	9.5	7.8
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.6	14.5	12.7	10.0
	23	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.1	5.4	4.3
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.3	6.5	5.3
	27	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.5	7.6	6.2
	29	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.0	10.0	9.7	8.7	7.2
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	16.5	15.9	14.5	12.7	10.0
	25	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	7.0	6.5	5.8	4.6
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.2	7.7	6.9	5.6
	29	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.3	8.9	8.0	6.6
	31	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.4	10.1	9.1	7.5
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.8	16.3	14.5	12.7	10.0
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.6	6.3	5.7	5.0	4.0
	27	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	6.9	6.2	5.0
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.0	8.8	8.7	8.1	7.3	6.0
	31	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.1	9.9	9.8	9.3	8.4	6.9

2. Cooling Capacity of Indoor Unit

For 3WAY VRF SYSTEM

● S-160MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 14HP outdoor unit.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 36.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	21	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	23	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5
	21	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.1
	23	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.2
	25	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.3
	27	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.3
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	11.5
	21	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.3
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.2
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.2
	27	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	10.2
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	11.5
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	6.5
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.4
	25	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.4
	27	SHC	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	9.3
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.5	11.5
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	5.9
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.5	6.8
	25	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.5	7.7
	27	SHC	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.6	8.7
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.6	5.2
	23	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.7	6.1
	25	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.8	7.1
	27	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.9	8.0
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	16.6	14.5	11.5
	23	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	6.9	5.5
	25	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.0	6.4
	27	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.1	9.1	7.4
	29	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	10.2	8.3
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.8	16.6	14.5	11.5
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.5	7.0	6.1	4.8
	25	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.1	7.2	5.8
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	9.3	8.3	6.7
	29	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.5	9.4	7.7
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1	18.8	18.2	16.6	14.5	11.5
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.2	8.0	7.3	6.5	5.2
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.3	9.1	8.5	7.5	6.1
	29	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	10.2	9.6	8.6	7.0
	31	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.3	10.8	9.7	8.0
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.8	19.2	18.6	16.6	14.5	11.5
	25	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.5	7.3	6.5	5.7	4.5
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.9	8.6	8.4	7.6	6.8	5.5
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.0	9.7	9.5	8.8	7.9	6.4
	31	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.1	10.8	10.7	10.0	9.0	7.3

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

3-6. Low Silhouette Ducted Type (F2 Type)

● S-15MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		1.5 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	23	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	27	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15		TC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	27	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
16		TC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	27	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	29	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
17		TC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	29	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18		TC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	21	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	29	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	31	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
19		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
	21	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
	23	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
	31	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
20		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9
	25	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3
	29	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3
	31	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3
21		TC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.3
	23	SHC	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.3
	31	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.3
22		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.3
	25	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.9
	27	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2
	29	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.3
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.3
23		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.5	1.4	1.3
	25	SHC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7
	27	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
	29	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3
	31	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.3

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-22MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)
 This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		2.2 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	23	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
15		TC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	27	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
16		TC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	21	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
17		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	23	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
18		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
	21	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
19		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9
	21	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	25	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
20		TC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0	1.9
	23	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1
	25	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	27	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.9
21		TC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	2.0	1.9
	23	SHC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3
	27	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
22		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.2	2.0	1.9
	25	SHC	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1
	27	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.5	1.4
	29	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8
	31	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.0	1.9
23		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.2	2.0	1.9
	25	SHC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9
	27	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.2
	29	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.6
	31	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	1.9

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-28MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		2.8 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
15		TC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	23	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
16		TC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	27	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	29	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
17		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	29	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
18		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4
	21	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4
	29	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4
	31	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4
19		TC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4
	21	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6
	25	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4
20		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.6	2.4
	23	SHC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.8
	27	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.3
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.6	2.4
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.6	2.4
21		TC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.8	2.6	2.4
	23	SHC	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.2
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.6
	27	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.0
	29	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.4
	31	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.6	2.4
22		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.1	2.8	2.6	2.4
	25	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.4
	27	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.8	1.8
	29	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.2
	31	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.6	2.4
23		TC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.2	2.8	2.6	2.4
	25	SHC	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.2	1.2	1.1
	27	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.5
	29	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.0	2.0
	31	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.5	2.4

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-36MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		3.6 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	25	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15		TC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	21	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
16		TC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	23	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	29	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
17		TC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
18		TC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.0
	21	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
	27	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.0
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.0
	31	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.0
19		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.3	3.0
	21	SHC	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5
	27	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.3	3.0
	31	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.3	3.0
20		TC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	3.3	3.0
	23	SHC	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.2
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.7
	29	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.0
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	3.3	3.0
21		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.5	3.3	3.0
	23	SHC	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.5	1.4
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.0	1.9
	27	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.4
	29	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.9
	31	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.7	3.5	3.3
22		TC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.0	3.5	3.3	3.0
	25	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.8	1.7	1.7
	27	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.3	2.2	2.1
	29	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.8	2.7	2.6
	31	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	3.0
23		TC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.5	3.3	3.0
	25	SHC	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.5	1.5	1.4
	27	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.0	1.9
	29	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.5	2.4	2.3
	31	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.0	2.9	2.8

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-45MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		4.5 kW AIR FLOW RATE : 14.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	21	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	27	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15		TC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	23	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16		TC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
17		TC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
	21	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
	27	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
18		TC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.8
	21	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
	25	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5
	29	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.8
	31	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.8
19		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.1	3.8
	21	SHC	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.8
	23	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.3
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8
	27	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.2
	29	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.7
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.1	3.8
20		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	4.1	3.8
	23	SHC	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.1	2.0
	25	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.5
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.9
	29	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4
	31	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1	4.0	3.8
21		TC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.9	4.4	4.1	3.8
	23	SHC	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.8	1.7
	25	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	2.3	2.2
	27	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.8	2.7
	29	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.2	3.1
	31	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.8	3.7	3.6
22		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.1	4.4	4.1	3.8
	25	SHC	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.1	2.0	1.9
	27	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.6	2.4
	29	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1	3.0	2.9
	31	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.6	3.4
23		TC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.4	4.1	3.8
	25	SHC	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.0	1.8	1.7	1.6
	27	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.3	2.2	2.1
	29	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	2.8	2.7	2.6
	31	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.3	3.2	3.0

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-56MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		5.6 kW AIR FLOW RATE : 16.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	27	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
15		TC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
16		TC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	21	SHC	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
17		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7
	21	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6
18		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.7
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3
19		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.1	4.7
	21	SHC	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.2
	23	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.8
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.4
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9
20		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.5	5.1	4.7
	23	SHC	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.6	2.4
	25	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.2	3.0
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.6
	29	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.1
21		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	5.5	5.1	4.7
	23	SHC	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.4	2.2	2.1
	25	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.9	2.8	2.7
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.5	3.4	3.2
	29	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.1	3.9	3.8
22		TC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	6.3	5.5	5.1	4.7
	25	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.6	2.4	2.3
	27	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.2	3.0	2.9
	29	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.7	3.6	3.4
	31	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.3	4.1	4.0
23		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.9	6.7	6.4	5.5	5.1	4.7
	25	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.2	2.1	2.0
	27	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.8	2.7	2.5
	29	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.6	3.4	3.2	3.1
	31	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	3.9	3.8	3.7

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-60MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		6.0 kW AIR FLOW RATE : 21.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	27	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
15		TC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
16		TC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	21	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
17		TC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0
	21	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0
18		TC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.0
	21	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9
	23	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0
19		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.0
	21	SHC	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5
	23	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.2
	25	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.9
	27	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.7
20		TC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.0
	23	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.8
	25	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.5
	27	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.3
	29	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.0
21		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	5.9	5.5	5.0
	23	SHC	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.5	2.3
	25	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.4	3.2	3.1
	27	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	4.0	3.8
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.7	4.6
22		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.7	5.9	5.5	5.0
	25	SHC	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	2.9	2.8	2.6
	27	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.7	3.5	3.4
	29	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.4	4.3	4.1
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.4	5.1	5.0	4.9
23		TC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.2	6.8	5.9	5.5	5.0
	25	SHC	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.5	2.4	2.2
	27	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.5	3.2	3.0
	29	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.0	3.8	3.7
	31	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	4.7	4.6	4.4

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-73MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		7.3 kW AIR FLOW RATE : 21.0 m ³ /min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	23	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	25	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	27	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
15		TC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	25	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	27	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
16		TC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	21	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	25	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
17		TC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1
	21	SHC	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7
	23	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	27	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6
18		TC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7
	21	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3
	23	SHC	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9
	25	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.2
19		TC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	6.7	6.1
	21	SHC	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.8
	23	SHC	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.5
	25	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.1
	27	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.8
20		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.2	6.7	6.1
	23	SHC	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.3	3.1
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.9	3.7
	27	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.6	4.4
	29	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.0
21		TC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.3	8.0	7.2	6.7	6.1
	23	SHC	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.1	2.9	2.7
	25	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.7	3.5	3.3
	27	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.4	4.2	4.0
	29	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.0	4.8	4.6
22		TC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.5	8.2	7.2	6.7	6.1
	25	SHC	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.3	3.1	2.9
	27	SHC	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	3.9	3.7	3.6
	29	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.0	4.6	4.4	4.2
	31	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.2	5.0	4.8
23		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	8.7	8.3	7.2	6.7	6.1
	25	SHC	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.2	2.9	2.7	2.5
	27	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9	3.5	3.3	3.2
	29	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.5	4.2	4.0	3.8
	31	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.4	5.2	4.8	4.6	4.5

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-90MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		9.0 kW AIR FLOW RATE : 25.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	21	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	23	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	25	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	27	SHC	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
15		TC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	21	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	23	SHC	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	25	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
16		TC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	21	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	23	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	27	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	29	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
17		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6
	21	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
	23	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
	25	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0
	27	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7
	29	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4
18		TC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	7.6
	21	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.0
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.7
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5
	27	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.2
	29	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9
	31	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.6
19		TC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.2	7.6
	21	SHC	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.8	3.5
	23	SHC	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.5	4.2
	25	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.2	5.0
	27	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7
	29	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.7	6.5
	31	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.5	7.2
20		TC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.5	8.9	8.2	7.6
	23	SHC	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.0	3.8
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	4.7	4.5
	27	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.8	5.5	5.2
	29	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.2	6.0
	31	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6	7.5	7.3	6.7
21		TC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.9	8.9	8.2	7.6
	23	SHC	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1	3.8	3.5	3.3
	25	SHC	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.5	4.3	4.0
	27	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.0	4.8
	29	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.0	5.7	5.5
	31	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	6.7	6.5	6.2
22		TC	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.5	10.1	8.9	8.2	7.6
	25	SHC	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.0	3.8	3.5
	27	SHC	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.2	4.8	4.5	4.3
	29	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0	5.5	5.3	5.0
	31	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.2	6.0	5.8
23		TC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.2	10.8	10.2	8.9	8.2	7.6
	25	SHC	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.0	3.5	3.3	3.1
	27	SHC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.7	4.3	4.0	3.8
	29	SHC	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.7	5.5	5.0	4.8	4.6
	31	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.4	6.2	5.8	5.5	5.3

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-106MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		10.6 kW AIR FLOW RATE : 32.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	21	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	25	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	27	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
15		TC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	21	SHC	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	27	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
16		TC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	21	SHC	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
	23	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	25	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	29	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
17		TC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.9
	21	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
	23	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8
	25	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0
	27	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.9
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.9
18		TC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7	8.9
	21	SHC	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.0
	23	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.1
	25	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.2
	27	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.4
	29	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7	8.9
	31	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.7	8.9
19		TC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	9.7	8.9
	21	SHC	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3
	23	SHC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.7	5.4
	25	SHC	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.8	6.6
	27	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.0	7.7
	29	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.1	8.9
	31	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	9.7	8.9
20		TC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	10.5	9.7	8.9
	23	SHC	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.3	5.0	4.7
	25	SHC	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.8	6.7	6.4	6.1	5.9
	27	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.6	7.3	7.0
	29	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7	8.4	8.2
	31	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.9	9.6	8.9
21		TC	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6	10.5	9.7	8.9
	23	SHC	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.6	4.3	4.0
	25	SHC	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	5.7	5.4	5.2
	27	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	6.9	6.6	6.3
	29	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.4	8.0	7.7	7.5
	31	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.1	8.9	8.6
22		TC	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.4	11.9	10.5	9.7	8.9
	25	SHC	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.0	4.7	4.5
	27	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.2	5.9	5.6
	29	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.8	7.3	7.0	6.8
	31	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.0	8.4	8.2	7.9
23		TC	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.1	12.7	12.0	10.5	9.7	8.9
	25	SHC	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.8	4.3	4.0	3.8
	27	SHC	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.2	6.0	5.4	5.2	4.9
	29	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3	7.1	6.6	6.3	6.1
	31	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.6	8.5	8.3	7.7	7.5	7.2

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-140MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		14.0 kW AIR FLOW RATE : 34.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
15		TC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
	23	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
	25	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	27	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
16		TC	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
	21	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
	23	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	25	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
17		TC	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.8
	21	SHC	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9
	23	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.0
	25	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.1
	27	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.2
18		TC	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.8
	21	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.1
	23	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.3
	25	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.4
	27	SHC	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.9	9.5
19		TC	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.8	12.8
	21	SHC	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	5.8	5.4
	23	SHC	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	6.9	6.5
	25	SHC	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.1
	27	SHC	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.2	8.8
20		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.8	12.8
	23	SHC	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0	6.6	6.2	5.8
	25	SHC	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.7	7.3	6.9
	27	SHC	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	8.9	8.4	8.0
	29	SHC	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.0	9.6	9.1
21		TC	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.8	15.9	15.3	13.8	12.8	11.8
	23	SHC	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	5.8	5.4	5.1
	25	SHC	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.6	6.9	6.6	6.2
	27	SHC	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.1	7.7	7.3
	29	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8	9.2	8.8	8.4
22		TC	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7	16.4	15.7	13.8	12.8	11.8
	25	SHC	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	6.9	6.2	5.8	5.4
	27	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.3	8.1	7.3	6.9	6.6
	29	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.4	9.2	8.5	8.1	7.7
	31	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.3	9.6	9.2	8.8
23		TC	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	16.7	15.9	13.8	12.8	11.8
	25	SHC	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.5	6.2	5.4	5.1	4.7
	27	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.6	7.3	6.6	6.2	5.9
	29	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.0	8.8	8.4	7.7	7.3	7.0
	31	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.1	9.9	9.6	8.8	8.4	8.1

3. Cooling Capacity of Indoor Unit

For MINI VRF SYSTEM

● S-160MF2E5A

Power supply :220/230/240V 1phase-50,60Hz TC : Total Cooling Capacity (kW) SHC : Sensible Heat Capacity (kW)

This data is when the indoor unit connects with 6HP outdoor unit.

RATING CAPACITY:		16.0 kW AIR FLOW RATE : 36.0 m³/min																
EVAPORATOR		CONDENSER																
AIR INTAKE TEMP		AMBIENT TEMP. (°C)																
W.B.	D.B.		15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	46
14		TC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	21	SHC	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	23	SHC	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	25	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	27	SHC	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
15		TC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
	21	SHC	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
	23	SHC	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
	25	SHC	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	27	SHC	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
16		TC	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
	21	SHC	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
	23	SHC	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	25	SHC	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	27	SHC	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
17		TC	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.5
	21	SHC	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.7
	23	SHC	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
	25	SHC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.8
	27	SHC	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	10.9
18		TC	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.6	13.5
	21	SHC	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	6.9
	23	SHC	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.0
	25	SHC	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.6	9.1
	27	SHC	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.7	10.2
19		TC	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.8	14.6	13.5
	21	SHC	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	6.6	6.1
	23	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	7.7	7.2
	25	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	8.8	8.3
	27	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	9.9	9.4
20		TC	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.0	17.1	17.0	15.8	14.6	13.5
	23	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.4	6.9	6.5
	25	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.5	8.0	7.6
	27	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.6	9.1	8.6
	29	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	10.7	10.2	9.7
21		TC	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.5	15.8	14.6	13.5
	23	SHC	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.7	7.4	6.7	6.1	5.7
	25	SHC	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.8	8.5	7.7	7.3	6.8
	27	SHC	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8	9.9	9.6	8.8	8.4	7.9
	29	SHC	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	11.0	10.7	9.9	9.5	9.0
22		TC	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1	18.7	18.0	15.8	14.6	13.5
	25	SHC	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.1	7.8	6.9	6.5	6.0
	27	SHC	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.3	9.0	8.0	7.6	7.2
	29	SHC	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	10.1	9.1	8.7	8.3
	31	SHC	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5	11.2	10.3	9.8	9.4
23		TC	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.8	19.1	18.1	15.8	14.6	13.5
	25	SHC	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	7.5	7.1	6.2	5.7	5.3
	27	SHC	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.9	8.6	8.2	7.3	6.8	6.4
	29	SHC	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.0	9.7	9.3	8.4	7.9	7.5
	31	SHC	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.1	10.8	10.4	9.5	9.0	8.6