

THINK INNOVATION

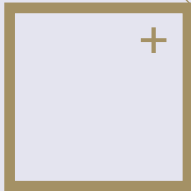
SAMJUNG TECH

Fan Coil Unit

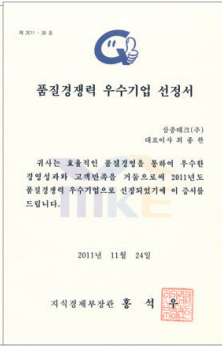


SAMJUNG TECH

www.samjungtech.com



Competitiveness and achievements



Challenging to the 21st century with the core technology

Samjung Tech has reinforced human resources, information infrastructures and technical development capacity since established. In addition, it has minimized the business crisis from economic cycles by saving the cost and expanding its market share through a high-quality service. It has successfully attained at shortening the delivery, improving quality of products from combining equipment manufacturing and construction, and spurred on the global strategy for expanding export.

Samjung Tech's competitiveness

Building up reliability with customers

Succeeding to manpower and the technology from Samsung Heavy Industries, we have maintained the good reputation as a reliable company.

Innovative technology

We acquired lots of intellectual properties by developing innovative technology and preoccupied the market prior to other competitors.

Synergy from combining manufacturing and construction

It has been a leading company shortening the time limit for delivery, improving quality of products, and saving the cost from combining equipment manufacturing and construction.

Outstanding human resources and organization

Most of the employees have job experience for a long time. We take absolutely advantageous position over accumulated technology, know-how, skillfulness, and organization.

Samjung Tech

A company with Samsung's reliable technology and people

Samjung Tech has been growing and developing into a leading company since it separated from Samsung group in January 2000. On the basis of its abundant experience and high technologies, Samjung Tech has expanded its businesses into the various fields such as refrigeration & air conditioning system, parking system, platform screen doors system, construction, and all kinds of facility construction works.

Samjung Tech comprises headquarters in Seoul, five nationwide branches located in metropolitans, and factories and research institutes established in Gimpo and Changwon, Korea. Through close collaboration of each part, Samjung Tech is willing to satisfy customers.

Also Samjung Tech provides its top-notch products for foreign customers through overseas agents network worldwide.



Fan Coil Unit

Type	KW	2.0	3.0	3.5	3.7	4.0	4.2	4.8	5.0	5.2	5.7	5.9	6.2
1-Way Ceiling Cassette Slim Type		●	●			●	●						
2-Way Ceiling Cassette Type			●					●				●	
4-Way Ceiling Cassette Type				●					●				●
Ceiling Cassette Type		●	●		●								
High Static Pressure Ducted Ceiling Concealed Type										●	●		
Ceiling Concealed Type		●	●		●						●		
Floor Exposed Top Discharge Type		●	●		●						●		
Floor Exposed Front Discharge Type		●	●		●						●		
Floor Concealed Front Suction Type		●	●		●						●		
Floor Concealed Top Discharge Type		●	●		●						●		
LowBoy Concealed Type		●	●		●						●		
Stand Type										●			

6.7	7.4	7.7	7.9	9.6	10.3	11.2	11.6	12.3	13.0	15.6	16.9	17.4	18.1	26.1	34.9	52.3	69.8
	●			●			●										
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			●	●		●		●		●	●		●				
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[1-Way Ceiling Cassette Slim Type]

(SJFC-C1)



■ Functions

- Three levels of air flow – high, medium, low and flow direction control.
- Convenient control available with the wireless remote control.
- Using the wired remote control, connected operation of 32 units is available, as well as other various controls, such as central control.

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Easy installation

The height of the main unit is 120mm – the lowest in the similar units in the market, making it perfect for low-clearance buildings (office studios or apartments).

There are large-size access holes on both sides, allowing stable attachment of grill panels, and its large access holes, making it easy to connect and check on the piping. In particular, in living environments where making the access holes is not viable for interior design reasons, this provides the solution.

It exhausts the condensate using the drainage pump, making the drainage simple.

- Sophisticated Design

The installation only exposes the grill, which makes it thin. In particular, the Korean traditional window-shaped grills have the beautiful design which is visually satisfying.

- Even discharge in 1 way

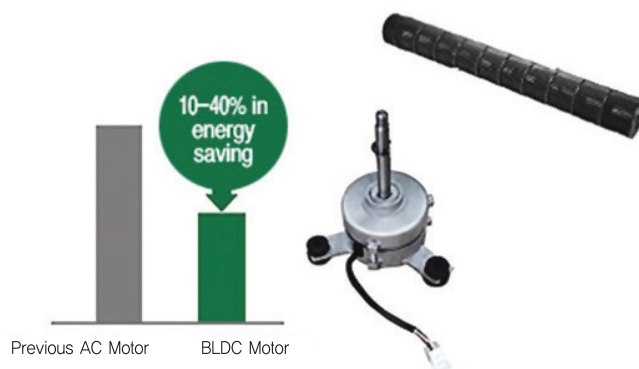
The swing function for the wings is available for rapid cooling or heating. It is highly convenient as the user may set the air discharge direction.

- Cross fan applied

To accommodate the low-rising product with a wide discharge panel, it uses the cross fan to distribute the air flow evenly and minimize the noise, creating a pleasant indoor environment.

- BLDC Motor applied

Using the BLDC Motor, a low-energy, high-efficiency motor, to minimize the energy usage.



[1-Way Ceiling Cassette Slim Type]

(SJFC-C1)



Specifications

SECTION		MODEL	SJFC-01C1		SJFC-02C1		SJFC-03C1		SJFC-04C1	
Capacity	Capacity condition		A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		3,150	2,150	3,650	2,580	4,000	3,100	4,800	3,950
	Heating Capacity (kcal/hr)		5,000	3,200	6,080	3,750	7,650	4,500	8,450	5,300
	Flow Rate (LPM)		10	7,5	11	8,6	14	10	16	13,3
	PRESSURE DROP (mAq)		1,15	0,7	1,14	1,08	2,27	1,49	2,95	2,35
Ventilator	Type		Cross Flow Fan							
	Air flow	m³/min	7		9		11		14	
	Driven type		Direct motor driven							
	Q'ty	EA	1							
Motor	Type		BLDC							
	Electripower (W)		28		34		53		87	
	Q'ty	EA	1							
	Power		DC 12V, Stepping Motor							
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)							
	Fin Pitch	mm	2,1							
Pipe	Inlet	A	PF 3/4" (20A)							
	Outlet	A	PF 3/4" (20A)							
	Drain	mm	Ø16 (External Diameter) / Drain Pump Embedded (10W) / Head 600mm							
Casing			Body : Galvanized Steel , Grille Panel : Plastic (HIPS, ABS Material)							
Control			3 Steps Auto Wireless Remote Control							
Electri Power			1Ø x 220V x 50Hz							
Air Filter			Vinyl Chloride (Flush)							
Weight		Kg	35							

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

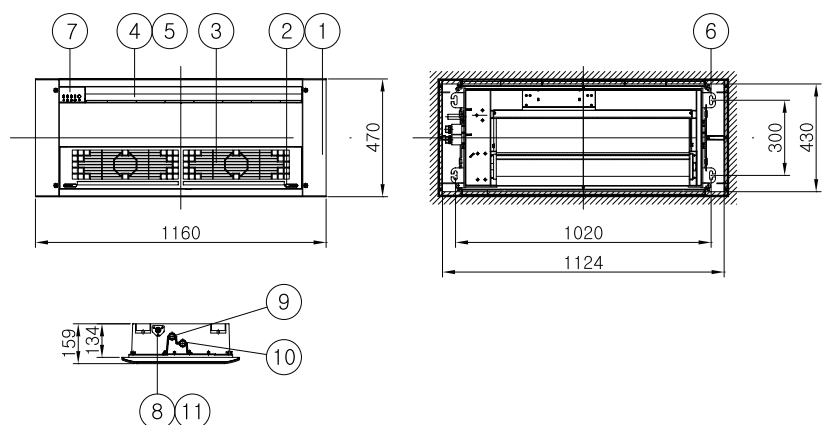
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

Outward structure

DESCRIPTION	DIMENSION	MAT'L	QTY	REMARKS
1 Interior Grille Ass'y	-	HIPS	1	Color : White Beige
2 Grille Button Attachment Snaps	-	HIPS	2	Sliding Type
3 Return Grille	-	HIPS	1	Color : White Beige
4 Air Guide Vane	-	Ass'y	1	-
5 Swing Motor	-	Ass'y	1	Stepping Motor : DC12V 150Ω
6 Hanging Bracket	t2.0	GI	4	-
7 Receiver Remote Control	-	Acrylic	1	Wireless Remote Controller
8 Drain Joint Port	Ø16 (External Diameter)	-	1	-
9 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
10 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
11 Drain Pump	PF 3/4" (20A)	-	1	1P,220V,50Hz



[2-Way Ceiling Cassette Type]

(SJFC-C2)



■ Functions

- Three levels of air flow – high, medium, low and air flow direction control.
- Convenient control available with the wireless remote control.
- Using the wired remote control, connected operation of 32 units is available, as well as other various controls, such as central control.

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Even discharge in all 4 ways

Air is discharged in 4 directions, reaching all corners. The swing function for the wings is available for rapid cooling or heating.

It is highly convenient as the user may set the air discharge direction.

- Backward fan applied

Using the turbo-type fan, air flow is even without a housing and the low-noise capability keeps the indoor environment silent and pleasant.

- BLDC Motor applied

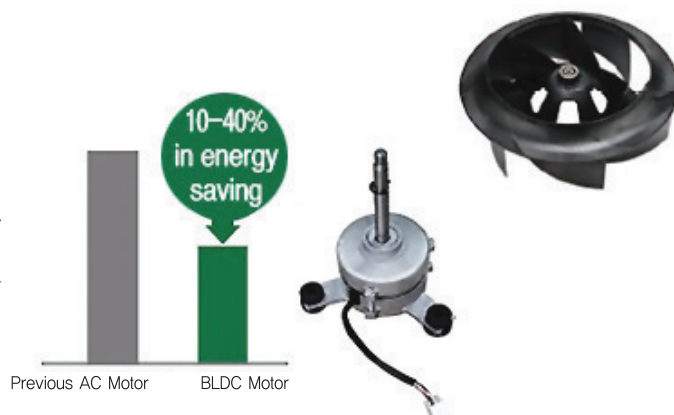
Using the BLDC Motor, a low-energy, high-efficiency motor, to minimize the energy usage. Compared to the AC Motor, models have 10~40% energy saving effect.

- Outdoor air supply function

The unit has a chamber that can supply the outdoor air, resolving the previous fan coil unit's disadvantage – not being able to supply the fresh outdoor air. (Optional)

- Air purifier function (Optional)

By installing CO² sensor-activated outdoor air supplier, air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.



[2-Way Ceiling Cassette Type]

(SJFC-C2)



■ Specifications

SECTION		MODEL	SJFC-03C2		SJFC-04C2		SJFC-05C2	
Capacity	Capacity condition		A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		4,850	3,150	5,852	4,350	6,650	5,250
	Heating Capacity (kcal/hr)		8,900	5,100	10,400	6,400	11,900	7,450
	Flow Rate (LPM)		15	11,5	21	14,5	24	18
	PRESSURE DROP (mAq)		3,54	2,74	7	3,5	9,14	5,15
Ventilator	Type		Turbo Fan (Single Suction)					
	Air flow	m³/min	11		14		17	
	Driven type		Direct motor driven					
	Q'ty	EA	1					
Motor	Type		BLDC, Semi-closed type (6-Pole, B-class)					
	Electripower (W)		46		50		78	
	Q'ty	EA	1					
	Power		DC 12V, Stepping Motor					
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)					
	Fin Pitch	mm	2.1					
Pipe	Inlet	A	PF 3/4" (20A)					
	Outlet	A	PF 3/4" (20A)					
	Drain	mm	Ø16 (External Diameter) / Drain Pump Embedded (10W) / Head 600mm					
Casing			Body : Galvanized Steel , Grille Panel : Plastic (HIPS, ABS Material)					
Control			3 Steps Auto Wireless Remote Control					
Electri Power			1Ø x 220V x 50Hz					
Air Filter			Vinyl Chloride (Flush)					
Weight		Kg	40					

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

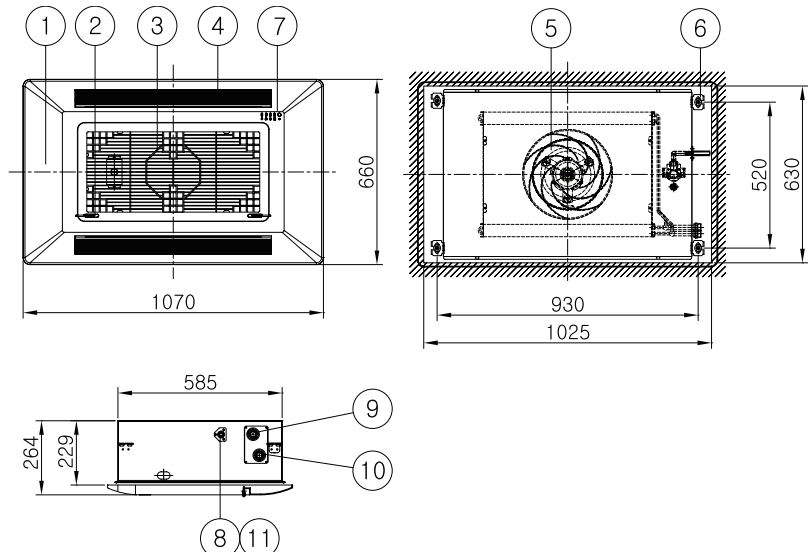
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

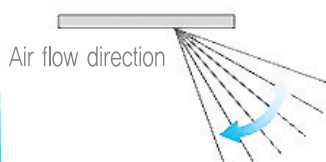
■ Outward structure

	DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1	Interior Grille Ass'y	-	HIPS	1	Color : White Beige
2	Grille Button Attachment Snaps	-	HIPS	2	Sliding Type
3	Return Grille	-	HIPS	1	Color : White Beige
4	Air Guide Vane	-	Ass'y	2	-
5	Swing Motor	-	Ass'y	1	Stepping Motor : DC12V 150Ω
6	Hanging Bracket	12.0	GI	4	-
7	Receiver Remote Control	-	Acrylic	1	Wireless Remote Controller
8	Drain Joint Port	Ø16 (External Diameter)	-	1	-
9	Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
10	Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
11	Drain Pump	PF 3/4" (20A)	-	1	1P,220V,50Hz



[4-Way Ceiling Cassette Type]

(SJFC-C4)



■ Air flow direction control

Installation environment and usage conditions. Users can adjust the wing angles according to the user location, making it easy to suit the environment and lifestyle.

■ Functions

- Three levels of air flow – high, medium, low and air flow direction control.
- Convenient control available with the wireless remote control.
- Using the wired remote control, connected operation of 32 units is available, as well as other various controls, such as central control.

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Even discharge in all 4 ways

Air is discharged in 4 directions, reaching all corners. The swing function for the wings is available for rapid cooling or heating. It is highly convenient as the user may set the air discharge direction.

- Backward fan applied

Using the turbo-type fan, air flow is even without a housing and the low-noise capability keeps the indoor environment silent and pleasant.

- BLDC Motor applied

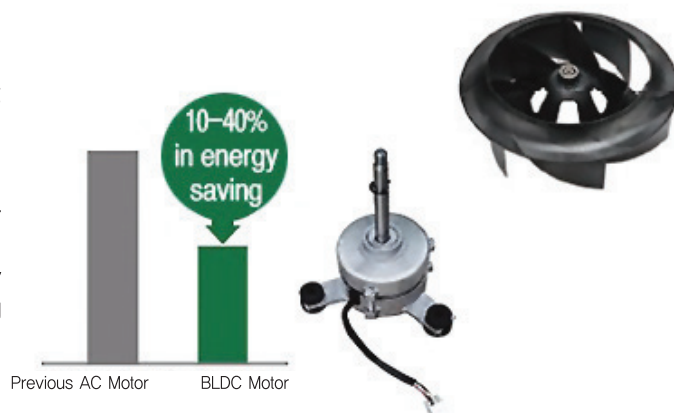
Using the BLDC Motor, a low-energy, high-efficiency motor, to minimize the energy usage. Compared to the AC Motor, models have 10~40% energy saving effect.

- Outdoor air supply function

The unit has a chamber that can supply the outdoor air, resolving the previous fan coil unit's disadvantage – not being able to supply the fresh outdoor air (Optional)

- Air purifier function (Optional)

By installing CO² sensor-activated outdoor air supplier, air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.



[4-Way Ceiling Cassette Type]

(SJFC-C4)



■ Specifications

SECTION		MODEL	SJFC-03C4		SJFC-04C4		SJFC-05C4		SJFC-06C4		SJFC-08C4		SJFC-10C4	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		4,350	3,150	5,980	4,350	7,250	5,250	8,650	6,280	11,300	8,150	13,500	10,000
	Heating Capacity (kcal/hr)		8,080	5,100	10,900	6,890	13,400	8,450	16,000	10,000	21,000	13,050	25,000	15,500
	Flow Rate (LPM)		15	11	20	14.5	24	18	29	21	38	28	45	34
	PRESSURE DROP (mAq)		3.28	1.78	5.86	3.24	8.45	4.76	3.1	2.41	5.27	2.98	7.4	4.24
Ventilator	Type		Turbo Fan											
	Air flow	m³/min	13		17		20		22		28		34	
	Driven type		Direct motor driven											
	Q'ty	EA	1											
Motor	Type		BLDC, Semi-closed type (6-Pole, B-class)											
	Electripower (W)		35		47		57		82		130		180	
	Q'ty	EA	1											
	Power		DC 12V, Stepping Motor											
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)											
	Fin Pitch	mm	2.1										1.8	
Pipe	Inlet	A	PF 3/4" (20A)											
	Outlet	A	PF 3/4" (20A)											
	Drain	mm	Ø16 (External Diameter) / Drain Pump Embedded (10W) / Head 600mm											
Casing			Body : Galvanized Steel , Grille Panel : Plastic (HIPS, ABS Material)											
Control			3 Steps Auto Wireless Remote Control											
Electri Power			1Ø x 220V x 50Hz											
Air Filter			Vinyl Chloride (Flush)											
Weight		Kg	33		33		34		34		35		37	

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

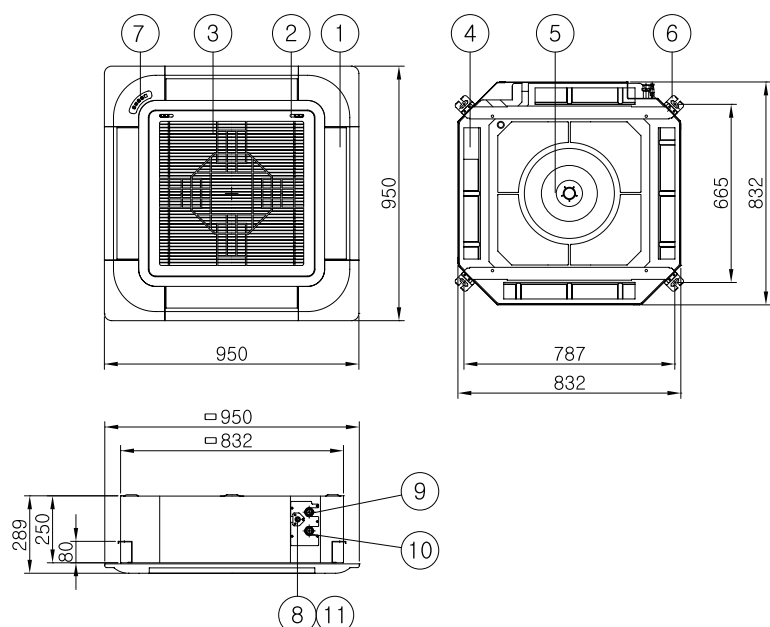
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

	DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1	Interior Grille Ass'y	-	HIPS	1	Color : White Beige
2	Grille Button Attachment Snaps	-	HIPS	2	Sliding Type
3	Return Grille	-	HIPS	1	Color : White Beige
4	Air Guide Vane	-	Ass'y	2	-
5	Swing Motor	-	Ass'y	1	Stepping Motor : DC12V 150Ω
6	Hanging Bracket	12.0	GI	4	-
7	Receiver Remote Control	-	Acrylic	1	Wireless Remote Controller
8	Drain Joint Port	Ø16 (External Diameter)	-	1	-
9	Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
10	Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
11	Drain Pump	PF 3/4" (20A)	-	1	1P,220V,50Hz

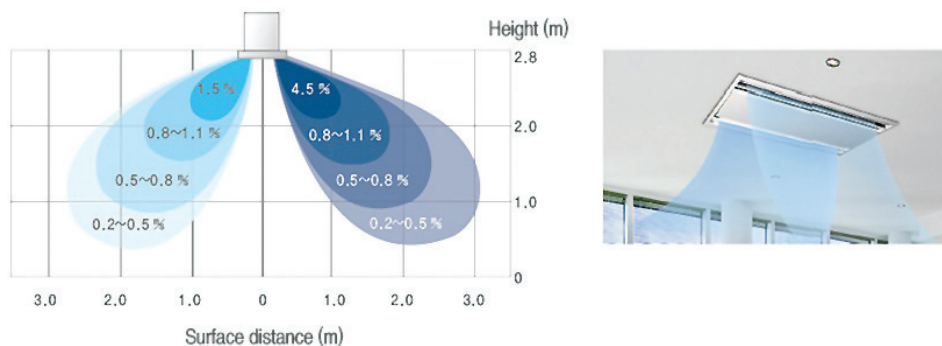


[Ceiling Cassette Type]

(SJFC-CA)



■ Air distribution status & surface reaching distance and air flow speed status graph



■ Functions

- Has 3 levels of air flow – high, medium, low.
- Use the simple touch sensor button to adjust between 3 levels. (Separate from the main unit)
- Automatic activation according to the temperature change and central control is possible using the wired remote control. (Optional)

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Easy installation

Easy maintenance with the natural drain type without complicated functional devices.

The grill panel is installed along the ceiling surface, minimizing the installation costs.

- AC motor

It uses a low-noise and long-lasting condenser single-phase induction motor.

It uses the down flow method, effective at air distribution, and lets you adjust the discharge air flow per season.

- Air purifier function (Optional)

By installing CO² sensor-activated outdoor air supplier, air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.

[Ceiling Cassette Type]

(SJFC-CA)



■ Specifications

SECTION			MODEL		SJFC-02CA		SJFC-03CA		SJFC-04CA		SJFC-06CA		SJFC-08CA	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140		
	Flow Rate (LPM)		10	6.3	12	8	15	11.6	21	15.7	30	22.6		
	PRESSURE DROP (mAq)		0.67	0.31	1.79	0.8	3.61	1.66	10.73	5.08	6.35	2.91		
Ventilator	Type		Sirocco Fan Double Suction											
	Air flow	m³/min	5.7		8.5		11.3		17		22.6			
	Driven type		Direct motor driven											
	Q'ty	EA	1		1		2		2		4			
Motor	Type		Semi-closed type (6-Pole, B-class)											
	Electripower (W)		55		60		70		95		85 x 2			
	Q'ty	EA	1		1		1		1		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)											
Pipe	Inlet	A	PF 3/4" (20A)											
	Outlet	A	PF 3/4" (20A)											
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)											
Casing			Galvanized Steel											
Control			3 Steps Rotary Switch											
Electri Power			1Ø x 220V x 50Hz											
Air Filter			Vinyl Chloride (Flush)											
Weight		Kg	28		28		35		48		68			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

Heating : indoor air 18°C, inlet cooling water 80°C

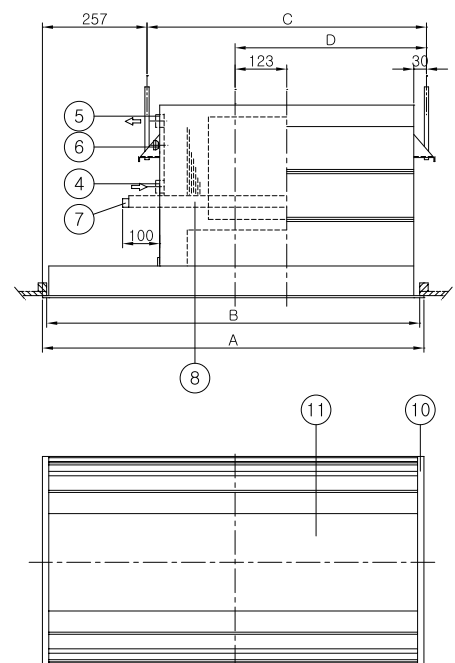
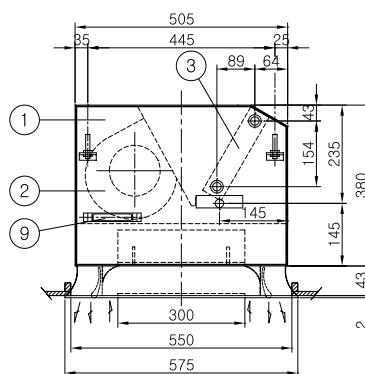
[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

MODEL	A	B	C	D	F
1 02CA	966	942	696	471	1
2 03CA	966	942	696	471	1
3 04CA	1086	1062	816	531	2
4 06CA	1326	1302	1056	648	2
5 08CA	1686	1662	1416	831	3

DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Body Side Plate	-	SGCC	2	-
2 Fan	-	-	F	Sirocco
3 Heating&Cooling Coil	-	CU-AL	1	Slit Fin
4 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
5 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
6 Air Vent	PT 1/8"	BS	1	Manual
7 Drain Connection	Nipple 1/2" (15A)	-	1	-
8 Drain Pan	-	SCP1	1	-
9 Terminal Block	20A, 6P	-	1	-
10 Grille Panel	-	AL	1	-
11 Service Panel	-	SCP1	1	-



[High Static Pressure Ducted Ceiling Concealed Type]

(SJFC-CH)



■ Functions

- Has 3 levels of air flow – high, medium, low.
- Use the simple touch sensor button to adjust between 3 levels. (Separate from the main unit)
- Automatic activation according to the temperature change and central control is possible using the wired remote control. (Optional)

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Easy installation

With its compact size, it takes up minimal space, is entirely concealed, and supplies the air through the duct, allowing a clean interior design coordination.

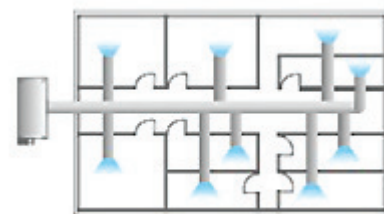
With its natural drainage, there is no complicated functional devices, making the maintenance easy.

- BLDC Motor

By using the brushless-type DC motor, the power output is free and the power consumption is low.

- Air purifier function

By installing CO² sensor-activated outdoor air supplier, air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.

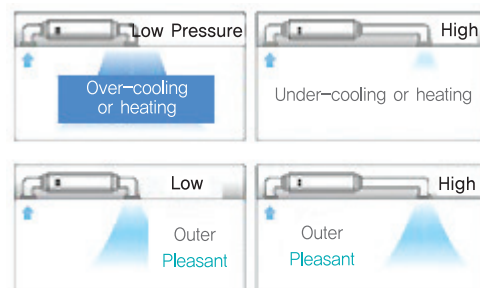


■ Simultaneous Cooling and Heating (High Pressure) of Multiple Rooms

You can cool or heat multiple rooms simultaneously with the diverging chambers and spiral duct (galvanized steel sheet duct or flexible duct).

■ Flexible unit pressure control

The duct-connection models may have noise with overusage of air flow. At these times, use the E.S.P. Function to adjust the air flow.



[High Static Pressure Ducted Ceiling Concealed Type]

(SJFC-CH)



Specifications

SECTION			MODEL		SJFC-05CH		SJFC-06CH		SJFC-08CH		SJFC-10CH		SJFC-12CH		SJFC-14CH		SJFC-16CH		SJFC-18CH		SJFC-20CH	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		5,400	3,480	5,650	4,300	8,430	6,800	11,100	8,150	9,540	6,820	13,000	9,860	19,800	13,290	21,000	15,700	23,100	17,580		
	Heating Capacity (kcal/hr)		9,810	5,820	10,800	6,520	15,870	11,255	21,800	13,300	18,150	10,500	23,890	14,600	34,300	21,000	38,000	24,700	42,000	26,200		
	Flow Rate (LPM)		17.5	13	19	15	29	21.3	37	27.1	31.5	22.8	43.3	33	63.3	44.3	70	52.3	77	58.6		
	PRESSURE DROP (mAq)		4.56	2.51	6.2	3.85	5.27	2.84	9.52	5.11	3.56	1.86	6.74	4.13	6.76	4.04	8.26	4.75	9.98	5.76		
Ventilator	Type		Sirocco Fan Double Suction																			
	Air flow	m³/min	14		17		22.6		28		34		39.6		45		51		56.6			
	Static Pressure (mmAq)		12.5																			
	Driven type		Direct motor driven																			
	Q'ty	EA	1		2		2		3		3		3		4		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)																			
	Electripower (W)		82		72		94		138		175		235		224		270		350			
	Q'ty	EA	1		1		1		2		2		2		2		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)																			
Pipe	Inlet	A	PF 3/4" (20A)										PT 1" (25A)									
	Outlet	A	PF 3/4" (20A)										PT 1" (25A)									
	Drain	mm	Nipple 3/4" (20A)																			
Casing			Galvanized Steel																			
Control			3 Steps Rotary Switch																			
Electri Power			1Ø x 220V x 50Hz																			
Air Filter			Vinyl Chloride (Flush)																			
Weight		Kg	28		30		34		38		42		42		48		48		48			

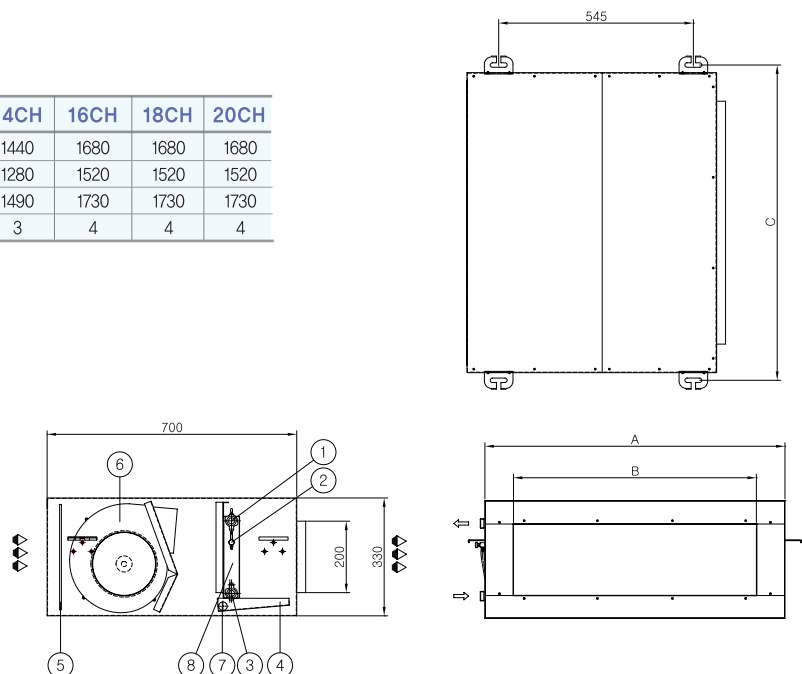
[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C
Heating : indoor air 21°C, inlet cooling water 60°C

Outward structure

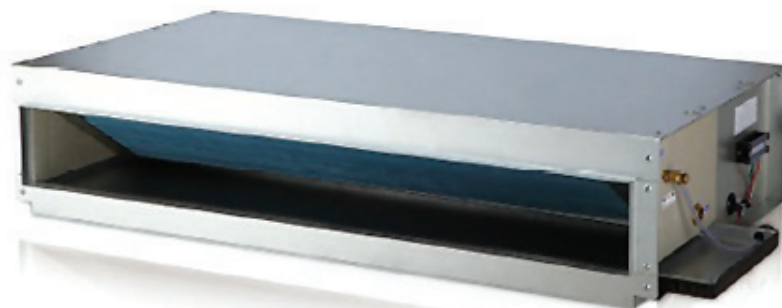
	MODEL	05CH	06CH	08CH	10CH	12CH	14CH	16CH	18CH	20CH
1	A	840	940	1200	1320	1440	1440	1680	1680	1680
2	B	680	800	1040	1160	1280	1280	1520	1520	1520
3	C	890	1010	1250	1370	1490	1490	1730	1730	1730
4	M	1	2	2	3	3	3	4	4	4

	DESCRIPTION	DIMENSION	MAT'L	QTY	REMARKS
1	Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
2	Air Vent	PT 1/8"	BS	1	Manual
3	Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
4	Drain Pan	-	GI	1	-
5	Air Filter	-	Vinyl Chloride	1	Flush
6	Fan Motor	-	-	M	1P,220V,50Hz
7	Drain Connection	Nipple 1/2" (15A)	-	1	-
8	Heating&Cooling Coil	-	CU-AL	1	Slit Fin



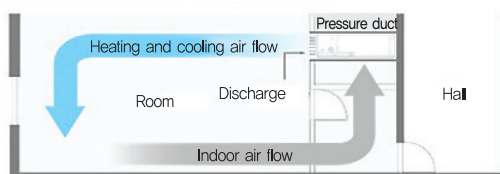
[Ceiling Concealed Type]

(SJFC-CC)



■ Allows efficiency space utilization

There is no need for the duct space, minimizing the indoor installation space, allowing you to utilize the space more.



■ Functions

- Has 3 levels of air flow – high, medium, low.
- Adjust to 3 different levels using the power button. (Separate from the main unit)
- Automatic activation according to the temperature change and central control is possible using the wired remote control. (Optional)

■ Characteristics

- Utilizes the available indoor space

The main unit is entirely concealed in the ceiling and is compact and takes up no floor space, allowing larger available interior space.

- Easy installation

With its compact size, it takes up minimal space, is entirely concealed, and supplies the air through the duct, allowing a clean interior design coordination.

With its natural drainage, there is no complicated functional devices, making the maintenance easy.

- AC Motor

It uses a low-noise and long-lasting condenser single-phase induction motor.

- Sirocco Fan

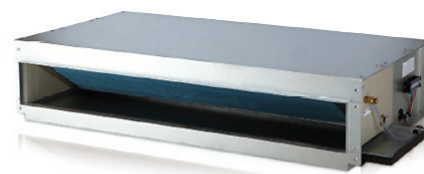
May run silently using the sirocco fan.

- Air purifier function

By installing CO² sensor-activated outdoor air supplier, air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.

[Ceiling Concealed Type]

(SJFC-CC)



■ Specifications

SECTION			MODEL		SJFC-02CC		SJFC-03CC		SJFC-04CC		SJFC-06CC		SJFC-08CC		SJFC-12CC	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800	12,650	8,850		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140	21,530	12,330		
	Flow Rate (LPM)		10	6.3	12	8	15	11.6	21	15.7	30	22.6	41	29.5		
	PRESSURE DROP (mAq)		0.67	0.31	1.79	0.8	3.61	1.66	10.73	5.08	6.35	2.91	11.75	6.07		
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	5.7		8.5		11.3		17		22.6		34			
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		2		2		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		25		35		45		65		45 x 2		65 x 2			
	Q'ty	EA	1		1		1		1		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)													
Pipe	Inlet	A	PF 3/4" (20A)													
	Outlet	A	PF 3/4" (20A)													
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)													
Casing			Galvanized Steel													
Control			3 Steps Rotary Switch													
Electri Power			1Ø x 220V x 50Hz													
Air Filter			Vinyl Chloride (Flush)													
Weight		Kg	21		24		26.5		31.5		43.5		47			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

Heating : indoor air 18°C, inlet cooling water 80°C

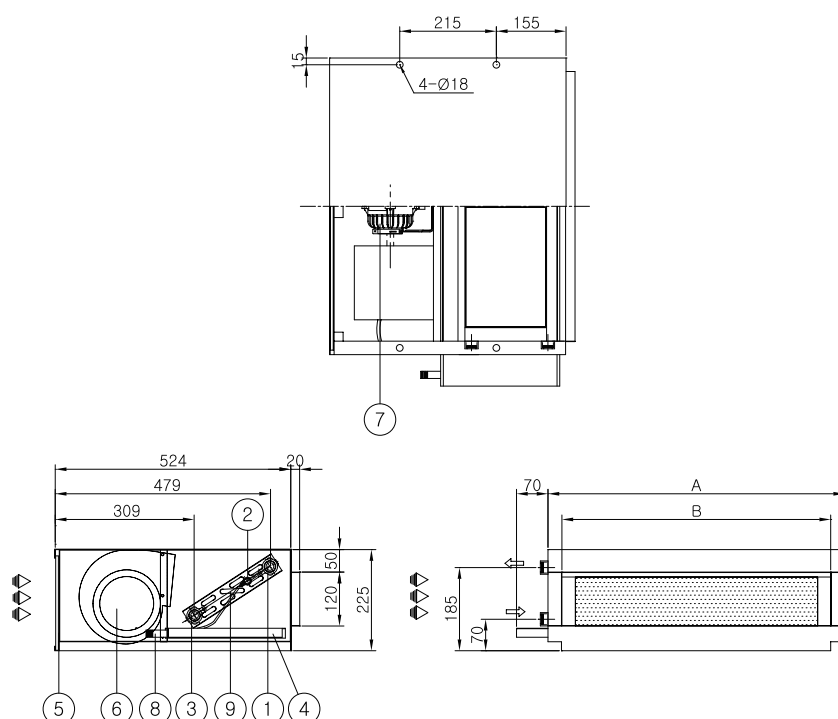
[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

MODEL	A	B	M	F
1 02CC	540	480	1	1
2 03CC	660	600	1	1
3 04CC	780	720	1	2
4 06CC	1020	960	1	2
5 08CC	1260	1200	2	4
6 12CC	1500	1440	2	4

DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
2 Air Vent	PT 1/8"	BS	1	Manual
3 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
4 Drain Pan	-	GI	1	-
5 Air Filter	-	Vinyl Chloride	1	Flush
6 Fan	-	-	F	Sirocco
7 Motor	-	-	M	1P,220V,50Hz
8 Drain Connection	Nipple 1/2" (15A)	-	1	-
9 Heating&Cooling Coil	-	CU-AL	1	Slit Fin



[Floor Exposed Top Discharge Type]

(SJFC-TE)



■ Blocks Cold Draft



■ Functions

- Has 3 levels of air flow – high, medium, low.
- Micom automatic control system. Automatic activation according to the temperature change and central control Functions. (Optional)

■ Characteristics

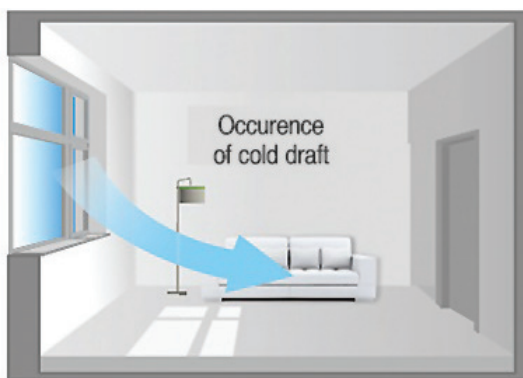
- Utilizes the available indoor space
Can install according to the indoor purpose
- Easy installation
When many windows in the air conditioning design, blocks the cold draft near the windows.
Easy maintenance
- Motor
Uses a low-noise and long-lasting condenser type single-phase induction motor.
- Sirocco Fan applied
May run silently using the sirocco fan.
- Air purifier function (Optional)
By installing air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.
- Uses the discharge grill in order to distribute the indoor air evenly.

[Floor Exposed Front Discharge Type]

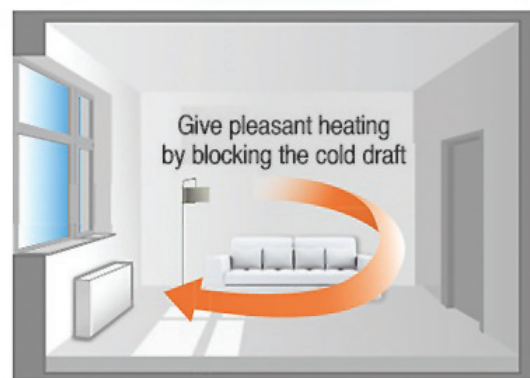
(SJFC-FE)



■ Blocks Cold Draft



When the floor standing type indoor unit not in use



When the floor standing type indoor unit in use

■ Functions

- Has 3 levels of air flow – high, medium, low.
- Micom automatic control system. Automatic activation according to the temperature change and central control Functions. (Optional)

■ Characteristics

- Utilizes the available indoor space

Can install according to the indoor purpose

- Easy installation

When many windows in the air conditioning design, blocks the cold draft near the windows.

Easy maintenance

- Motor

Uses a low-noise and long-lasting condenser type single-phase induction motor.

- Sirocco Fan applied

May run silently using the sirocco fan.

- Air purifier function (Optional)

By installing air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.

Uses the discharge grill in order to distribute the indoor air evenly.

[Floor Exposed Front Discharge Type]

(SJFC-FE)



■ Specifications

SECTION			MODEL		SJFC-02FE		SJFC-03FE		SJFC-04FE		SJFC-06FE		SJFC-08FE		SJFC-12FE	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B		
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800	12,650	8,850		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140	21,530	12,330		
	Flow Rate (LPM)		10	6,3	12	8	15	11,6	21	15,7	30	22,6	41	29,5		
	PRESSURE DROP (mAq)		0,67	0,31	1,79	0,8	3,61	1,66	10,73	5,08	6,35	2,91	11,75	6,07		
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	5,7		8,5		11,3		17		22,6		34			
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		2		2		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		25		35		45		65		45 x 2		65 x 2			
	Q'ty	EA	1		1		1		1		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)													
Pipe	Inlet	A	PF 3/4" (20A)													
	Outlet	A	PF 3/4" (20A)													
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)													
Casing			Galvanized Steel													
Control			3 Steps Rotary Switch													
Electri Power			1Ø x 220V x 50Hz													
Air Filter			Vinyl Chloride (Flush)													
Weight		Kg	21		24		26,5		31,5		43,5		47			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

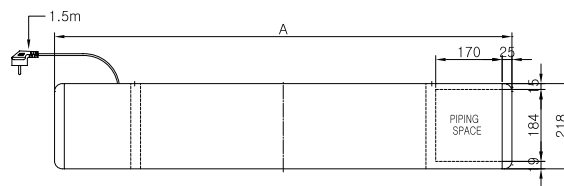
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

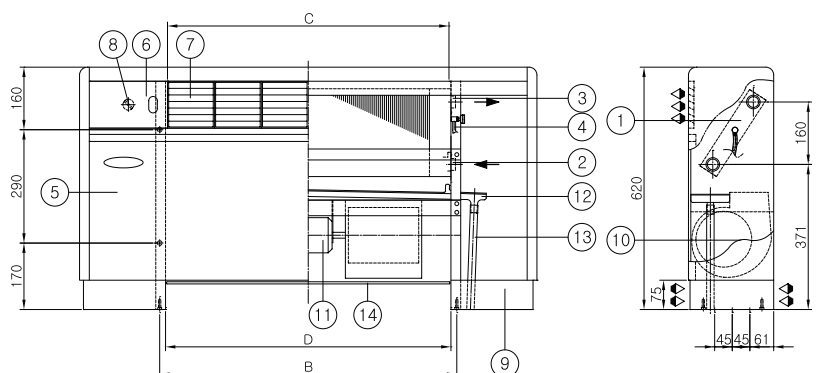
Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

MODEL	A	B	C	D	G	M	F
1 02FE	930	530	480	500	4	1	1
2 03FE	1050	650	600	620	5	1	1
3 04FE	1170	770	720	740	6	1	2
4 06FE	1410	1010	960	980	8	1	2
5 08FE	1770	1370	1320	1340	11	2	4
6 12FE	2130	1730	1680	1700	14	2	4



DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Heating&Cooling Coil	-	CU-AL	1	Slit Fin
2 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
3 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
4 Air Vent	PT 1/8"	BS	1	Manual
5 Front Panel	-	PCM	1	White - Beige
6 Access Door	-	ABS	2	-
7 Grille	-	ABS	G	-
8 Control Switch	3 Steps	-	1	-
9 Base	-	SCP1	2	-
10 Fan	-	-	F	Sirocco
11 Motor	-	-	M	1P,220V,50Hz
12 Drain Pan	-	Plastic	1	-
13 Drain Hose	Ø19 (External Diameter)	Vinyl	1	-
14 Air Filter	-	Vinyl Chloride	1	Flush



[Floor Concealed Front Suction Type]

(SJFC-FC)



■ Functions

- Has 3 levels of air flow – high, medium, low.
- Micom automatic control system. Automatic activation according to the temperature change and central control Functions. (Optional)

■ Characteristics

- Utilizes the available indoor space
Can install according to the indoor purpose
- Easy installation
When many windows in the air conditioning design, blocks the cold draft near the windows.
Easy maintenance
- Motor
Uses a low-noise and long-lasting condenser type single-phase induction motor.
- Sirocco Fan applied
May run silently using the sirocco fan.
- Air purifier function (Optional)
By installing air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.
Uses the discharge grill in order to distribute the indoor air evenly.

[Floor Concealed Front Suction Type]

(SJFC-FC)



■ Specifications

SECTION			MODEL		SJFC-02FC		SJFC-03FC		SJFC-04FC		SJFC-06FC		SJFC-08FC		SJFC-12FC	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800	12,650	8,850		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140	21,530	12,330		
	Flow Rate (LPM)		10	6.3	12	8	15	11.6	21	15.7	30	22.6	41	29.5		
	PRESSURE DROP (mAq)		0.67	0.31	1.79	0.8	3.61	1.66	10.73	5.08	6.35	2.91	11.75	6.07		
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	5.7		8.5		11.3		17		22.6		34			
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		2		2		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		25		35		45		65		45 x 2		65 x 2			
	Q'ty	EA	1		1		1		1		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)													
Pipe	Inlet	A	PF 3/4" (20A)													
	Outlet	A	PF 3/4" (20A)													
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)													
Casing			Galvanized Steel													
Control			3 Steps Rotary Switch													
Electri Power			1Ø x 220V x 50Hz													
Air Filter			Vinyl Chloride (Flush)													
Weight		Kg	19		22		25		30		41		46			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

Heating : indoor air 18°C, inlet cooling water 80°C

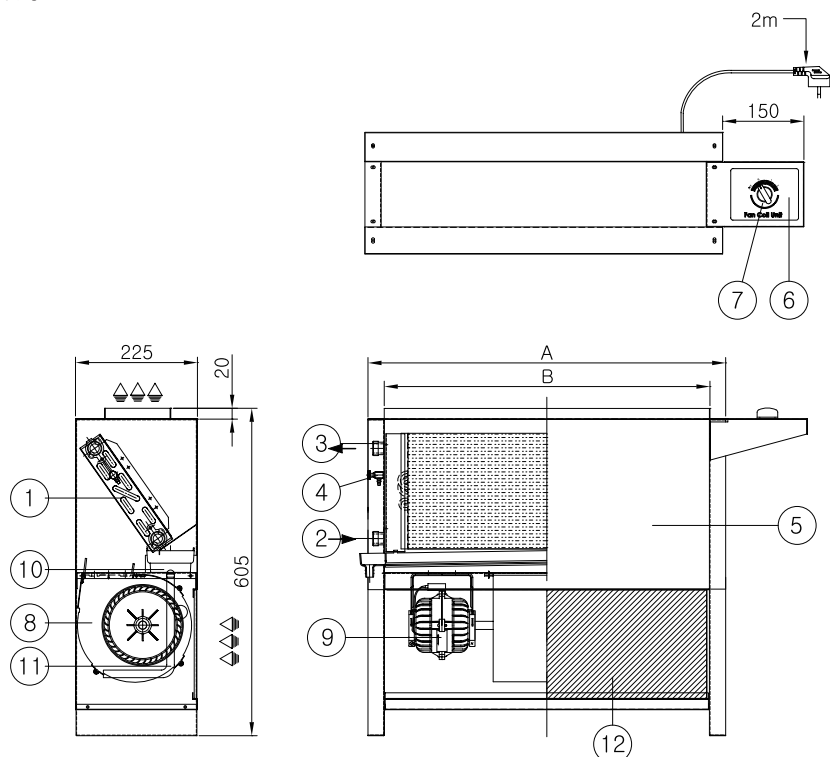
[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

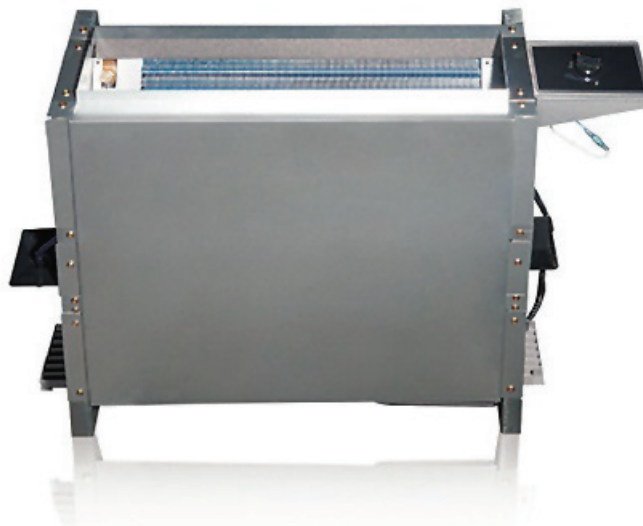
MODEL	A	B	M	F
1 02FC	540	480	1	1
2 03FC	660	600	1	1
3 04FC	780	720	1	2
4 06FC	1020	960	1	2
5 08FC	1260	1200	2	4
6 12FC	1500	1440	2	4

DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Heating&Cooling Coil	-	CU-AL	1	Slit Fin
2 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
3 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
4 Air Vent	PT 1/8"	BS	1	Manual
5 Front Panel	-	PCM	1	White - Beige
6 Access Door	-	ABS	2	-
7 Control Switch	3 Steps	-	1	-
8 Fan	-	-	F	Sirocco
9 Motor	-	-	M	1P,220V,50Hz
10 Drain Pan	-	Plastic	1	-
11 Drain Hose	Ø19 (External Diameter)	Vinyl	1	-
12 Air Filter	-	Vinyl Chloride	1	Flush



[Floor Concealed Top Discharge Type]

(SJFC-TC)



■ Functions

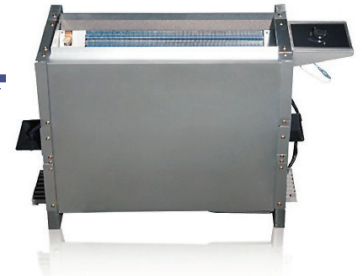
- Has 3 levels of air flow – high, medium, low.
- Micom automatic control system. Automatic activation according to the temperature change and central control Functions. (Optional)

■ Characteristics

- Utilizes the available indoor space
Can install according to the indoor purpose
- Easy installation
When many windows in the air conditioning design, blocks the cold draft near the windows.
Easy maintenance
- Motor
Uses a low-noise and long-lasting condenser type single-phase induction motor.
- Sirocco Fan applied
May run silently using the sirocco fan.
- Air purifier function (Optional)
By installing air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.
Uses the discharge grill in order to distribute the indoor air evenly.

[Floor Concealed Top Discharge Type]

(SJFC-TC)



■ Specifications

SECTION			MODEL		SJFC-02TC		SJFC-03TC		SJFC-04TC		SJFC-06TC		SJFC-08TC		SJFC-12TC	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B		
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800	12,650	8,850		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140	21,530	12,330		
	Flow Rate (LPM)		10	6.3	12	8	15	11.6	21	15.7	30	22.6	41	29.5		
	PRESSURE DROP (mAq)		0.67	0.31	1.79	0.8	3.61	1.66	10.73	5.08	6.35	2.91	11.75	6.07		
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	5.7		8.5		11.3		17		22.6		34			
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		2		2		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		25		35		45		65		45 x 2		65 x 2			
	Q'ty	EA	1		1		1		1		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)													
Pipe	Inlet	A	PF 3/4" (20A)													
	Outlet	A	PF 3/4" (20A)													
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)													
Casing			Galvanized Steel													
Control			3 Steps Rotary Switch													
Electri Power			1Ø x 220V x 50Hz													
Air Filter			Vinyl Chloride (Flush)													
Weight		Kg	19		22		25		30		41		46			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

Heating : indoor air 18°C, inlet cooling water 80°C

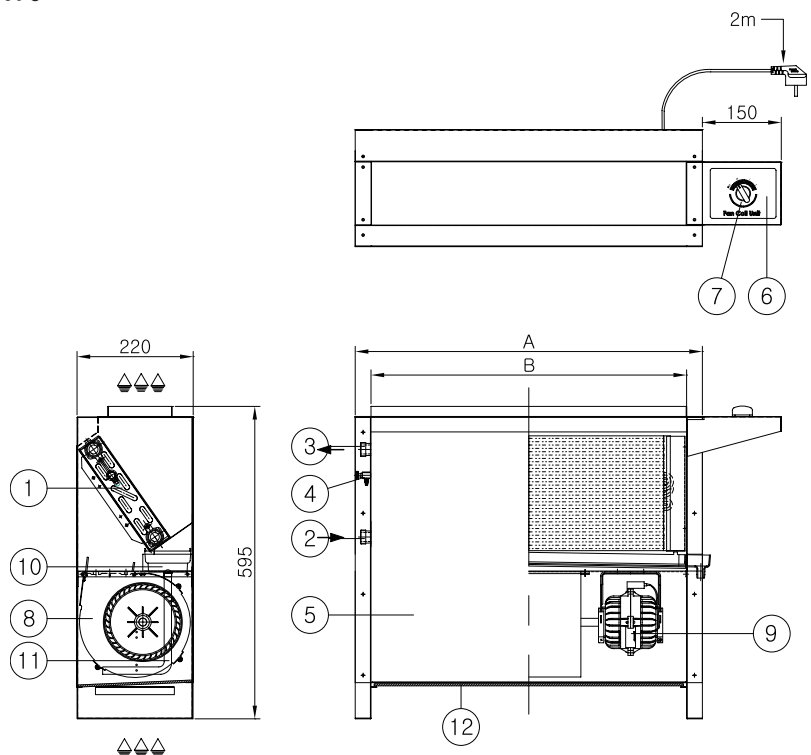
[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

MODEL	A	B	M	F
1 02TC	540	480	1	1
2 03TC	660	600	1	1
3 04TC	780	720	1	2
4 06TC	1020	960	1	2
5 08TC	1260	1200	2	4
6 12TC	1500	1440	2	4

DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Heating&Cooling Coil	-	CU-AL	1	Slit Fin
2 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
3 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
4 Air Vent	PT 1/8"	BS	1	Manual
5 Front Panel	-	PCM	1	White - Beige
6 Access Door	-	ABS	2	-
7 Control Switch	3 Steps	-	1	-
8 Fan	-	-	F	Sirocco
9 Motor	-	-	M	1P,220V,50Hz
10 Drain Pan	-	Plastic	1	-
11 Drain Hose	Ø19 (External Diameter)	Vinyl	1	-
12 Air Filter	-	Vinyl Chloride	1	Flush



[LowBoy Concealed Type]

(SJFC-LC)



■ Functions

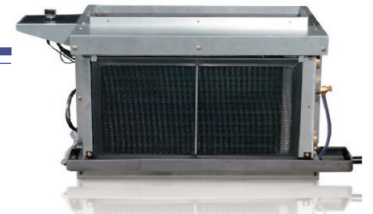
- Has 3 levels of air flow – high, medium, low.
- Micom automatic control system. Automatic activation according to the temperature change and central control Functions. (Optional)

■ Characteristics

- Utilizes the available indoor space
Can install according to the indoor purpose
- Easy installation
When many windows in the air conditioning design, blocks the cold draft near the windows.
Easy maintenance
- Motor
Uses a low-noise and long-lasting condenser type single-phase induction motor.
- Sirocco Fan applied
May run silently using the sirocco fan.
- Air purifier function (Optional)
By installing air purifying devices, such as photocatalyst, UV lamp, and ionizer, it creates a pleasant indoor environment by sterilizing, antibacterializing, deodorizing, and resolving sick house syndrome.
Uses the discharge grill in order to distribute the indoor air evenly.

[LowBoy Concealed Type]

(SJFC-LC)



■ Specifications

SECTION			MODEL		SJFC-02LC		SJFC-03LC		SJFC-04LC		SJFC-06LC		SJFC-08LC		SJFC-12LC	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		2,710	1,860	3,680	2,430	4,930	3,480	6,870	4,750	9,530	6,800	12,650	8,850		
	Heating Capacity (kcal/hr)		4,980	3,000	6,890	4,100	9,290	5,790	12,600	7,830	18,330	11,140	21,530	12,330		
	Flow Rate (LPM)		10	6,3	12	8	15	11,6	21	15,7	30	22,6	41	29,5		
	PRESSURE DROP (mAq)		0,67	0,31	1,79	0,8	3,61	1,66	10,73	5,08	6,35	2,91	11,75	6,07		
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	5,7		8,5		11,3		17		22,6		34			
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		2		2		4		4			
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		25		35		45		65		45 x 2		65 x 2			
	Q'ty	EA	1		1		1		1		2		2			
Coil	Type		Unite Type Multi-Pass Finned Tube (Slit Fin)													
Pipe	Inlet	A	PF 3/4" (20A)													
	Outlet	A	PF 3/4" (20A)													
	Drain	mm	Soft Vinyl Hose Ø19 (External Diameter)													
Casing			Galvanized Steel													
Control			3 Steps Rotary Switch													
Electri Power			1Ø x 220V x 50Hz													
Air Filter			Vinyl Chloride (Flush)													
Weight		Kg	19		22		25		30		41		46			

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C

Heating : indoor air 18°C, inlet cooling water 80°C

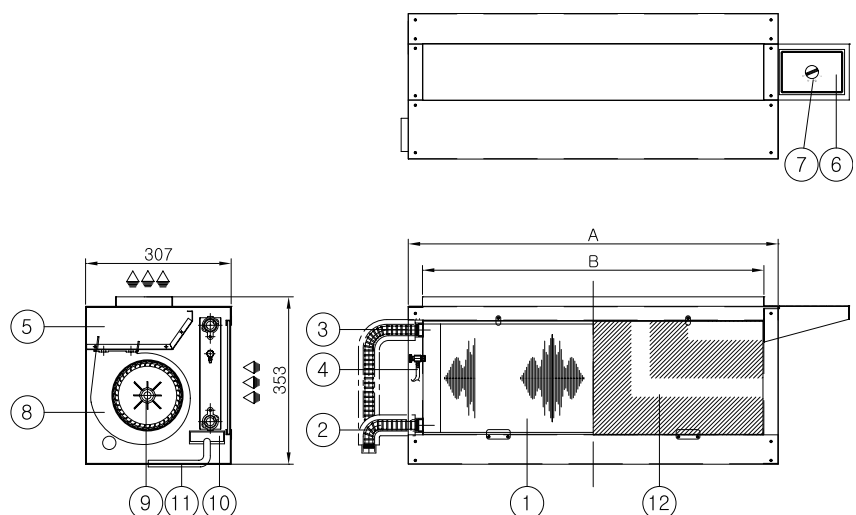
[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C

Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

MODEL	A	B	M	F
1 02LC	540	480	1	1
2 03LC	660	600	1	1
3 04LC	780	720	1	2
4 06LC	1020	960	1	2
5 08LC	1260	1200	2	4
6 12LC	1500	1440	2	4

DESCRIPTION	DIMENSION	MATL	QTY	REMARKS
1 Heating&Cooling Coil	-	CU-AL	1	Slit Fin
2 Cold/Hot Water Inlet	PF 3/4" (20A)	BS	1	-
3 Cold/Hot Water Outlet	PF 3/4" (20A)	BS	1	-
4 Air Vent	PT 1/8"	BS	1	Manual
5 Front Panel	-	PCM	1	White - Beige
6 Access Door	-	ABS	2	-
7 Control Switch	3 Steps	-	1	-
8 Fan	-	-	1	Sirocco
9 Motor	-	-	1	1P,220V,50Hz
10 Drain Pan	-	Plastic	1	-
11 Drain Hose	Ø19 (External Diameter)	Vinyl	1	-
12 Air Filter	-	Vinyl Chloride	1	Flush



[Stand Type]

(SJFC-VE)



■ Specifications

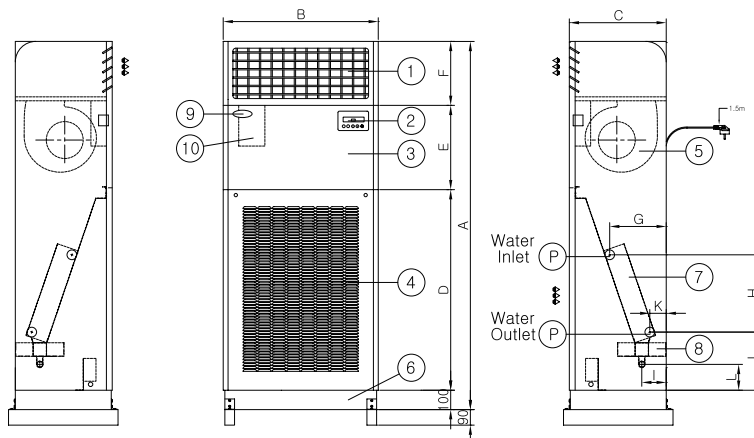
SECTION \ MODEL			SJFC-20VE		SJFC-30VE		SJFC-50VE		SJFC-75VE		SJFC-100VE		SJFC-150VE		SJFC-200VE	
Capacity	Capacity condition		A	B	A	B	A	B	A	B	A	B	A	B	A	B
	Cooling Capacity (kcal/hr)		6,000	4,400	9,000	6,600	17,600	15,000	26,700	22,500	36,000	30,000	54,000	45,000	72,000	60,000
	Heating Capacity (kcal/hr)		11,600	7,100	17,600	10,560	34,400	22,100	51,500	33,000	68,300	44,300	103,000	66,000	136,600	84,000
	Flow Rate (LPM)		20	15	30	21,5	58	50	88	75	120	100	180	150	240	200
	PRESSURE DROP (mAq)		1,5	0,72	2,4	1,5	4,1	2,9	1,9	1,3	4,1	2,7	4,1	2,3	4,1	2,3
Ventilator	Type		Sirocco Fan Double Suction													
	Air flow	m³/min	23		34		53		80		105		130		180	
	Driven type		Direct motor driven													
	Q'ty	EA	1		1		1		2		2		2		2	
Motor	Type		Semi-closed type (6-Pole, B-class)													
	Electripower (W)		260		480		550		760		870		1,100		1,500	
	Q'ty	EA	1		1		1		2		2		2		2	
Coil	Type		Unite Type Multi-Pass Cross Finned Tube (Slit Fin)													
	Fin Pitch	mm	2,1													
Pipe	Inlet	A	20		25		32		40		40		50		50	
	Outlet	A	20		25		32		40		40		50		50	
	Drain	mm	Nipple (25A)													
	Casing		Galvanized Steel													
Control		3 Steps Micom Switch														
Electri Power		1Ø x 220V x 50Hz											3Ø x 220V/380V x 50Hz			
Air Filter		Vinyl Chloride (Flush)														
Weight	Kg	60		67		72		80		94		108		120		

[Capacity A] Cooling : Indoor air DB 27°C, WB 21°C inlet cooling water 5°C
Heating : indoor air 18°C, inlet cooling water 80°C

[Capacity B] Cooling : Indoor air DB 27°C WB 19.5°C, inlet cooling water 7°C
Heating : indoor air 21°C, inlet cooling water 60°C

■ Outward structure

	DESCRIPTION	DIMENSION	MAT'L	Q'TY	REMARKS
1	Grille	-	AL	1	-
2	Control Switch	3 Steps	-	1	-
3	Casing	-	SCP1	1	-
4	Air Inlet	-	SCP1	1	-
5	Fan & Motor	-	-	1	Sirocco
6	Base	-	SCP1	1	-
7	Heating&Cooling Coil	-	CU-AL	1	Slit Fin
8	Drain Pan	-	SPCC	1	-
9	Name Plte	-	-	1	-
10	Terminal Box	-	SCP1	1	-



MODEL		A	B	C	D	E	F	G	H	I	J	K	L	P
1	20VE	1800	800	410	935	435	330	237	372	86	293	98	194	20A
2	30VE	1800	800	510	1035	435	330	275	348	126	307	98	194	25A
3	50VE	1900	1000	510	1035	435	330	291	387	126	312	98	194	32A
4	75VE	1900	1200	510	935	435	430	298	424	126	319	92	194	40A
5	100VE	1900	1400	510	935	435	430	298	424	126	319	92	194	40A
6	150VE	2100	1600	760	1035	490	500	482	612	218	260	202	135	50A
7	200VE	2100	1700	760	1035	490	500	531	600	218	243	91	103	50A

M/E/M/O





Fan Coil Unit



● History of Samjung Tech

- Aug. 1974 Established Samsung Heavy Industries Co., Ltd.
- Oct. 1991 Enter into a technical partnership for Absorption chiller with HITACHI in japan
- Oct. 1991 Enter into a technical partnership for Fan coil unit with SHOWA in Japan
- Jun. 1992 Sold Absorption chiller & heater #1
- Dec. 1999 Established Samjung tech Co., Ltd.
- Jul. 2000 Acquired ISO 9001 certification
- Apr. 2004 Exported Absorption chiller & heater to Iran
- Dec. 2004 Sold 1500RT LTD Absorption chiller for korea's plant first
- Jan. 2007 Acquired high efficiency chiller certification from Government
- Jan. 2007 Acquired national project for Hybrid chiller development using solar from Government
- Sep. 2008 Exported Absorption chiller & heater to Pakistan
- Oct. 2008 Acquired ISO 14001 certification
- Sep. 2009 Registered as a New & renewable energy specialized company(MKE)
- Dec. 2012 Acquired NET[New Excellent Technology] certification from Government thanks to Hybrid chiller
- Dec. 2013 Awarded Industrial Technology Award for LNG Solar Hybrid Heating and Cooling System(Ministry of Industry, Trade and Resources)
- Dec. 2015 Awarded Triple Effect Gas-fired Absorption Chiller Business for the National Policy Projects

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