



Cassette Fan Coil Unit

FEATURES



PANEL

Luxury shape and ABS panel. External and internal sound and heat insulation layer--20mm thickness insulation. Cabinet made with EPS inside unit and 5mm insulation material outside unit cabinet. Inside the panel adhered with EPS polystyrene foamed material.

HIGH EFFICIENCY COIL

The coils are made of seamless tubes expanded into aluminum fins in continuous block. The connections have brass headers with female fittings and provided with easily accessible vent and drainage valve.

LOW NOISE

Thanks to the rigidly bolted panel, dynamic and static balancing test of fans, maximum to reduce the vibration and noise. Coupled with high quality insulation material inside the unit, superb low noise performance is achieved.

FAN

The fan decks are composed of double suction centrifugal fans with aluminum impellers and 3-speed fan motors. Each fan motor assembly is dynamically balanced.

DRAIN PAN

Drain pan with integral thermal insulation and professional welding skill enable all condensation water to be collected and prevent leakage.

FILTER

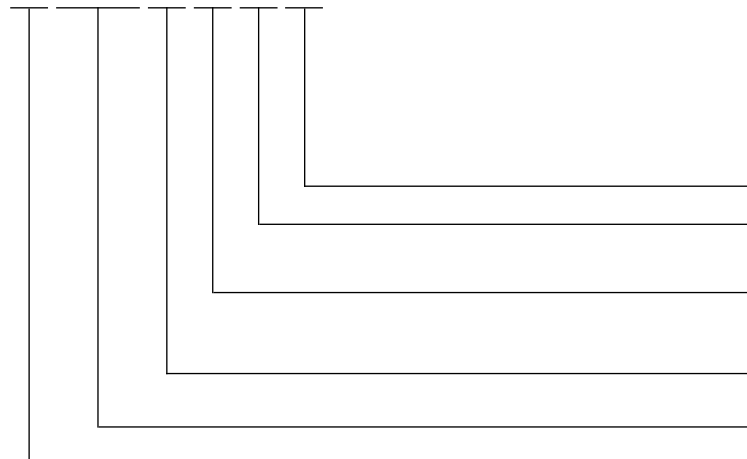
Filter is made of aluminum net and aluminum frame, easy to clean and replace.

OPTIONAL

- ◆ DC brushless motor

NOMENCLATURE

H F P 06 SK F 2



- 2: 2pipe ; 4: 4pipe
- F: four way; O: one way; R: round way
- S: Ceiling Concealed; ES: Exposed Ceiling
- EF: Exposed Floorstanding
- SK: Cassette
- Air Flow
- *100CFM
- FP: Fan Coil Unit
- HYC Product

SPECIFICATION

One way air supply/2pipe

Model			02	03	04	05
Air flow	m ³ /h	H	340	510	680	850
		M	280	380	515	660
		L	180	260	340	430
Cooling capacity	W	H	1800	2700	3600	4500
		M	1500	2460	3000	3715
		L	1390	2057	2479	2920
Heating capacity	W	H	2700	4050	5400	6750
		M	1950	2770	3935	4900
		L	1290	1774	2800	3505
Noise	dB(A)	H	43	45	46	47
Input power	W	H	70	75	95	100
Water flow	m ³ /h	H	0.31	0.46	0.62	0.77
Water pressure drop	kPa		16	18	20	20
Power supply	/		220V/1PH/50HZ			
Water pipe in/out	/		ZG3/4"			
Drain pipe	mm		∅ 26			
Max working pressure	Mpa		1.6			
Size	L*W*H (mm)	unit	958×413×236			
		panel	1044×468×31			
Weight	kg	unit	19.4	19.4	20.5	20.5
		panel	4			

The performance values refer to the following conditions:

- Cooling: Air inlet temperature: DB27 °C /WB19.5 °C, water temperature: 7/12 °C.
- Heating: Air inlet temperature: 21 °C, water inlet temperature: 60 °C.
- HYC reserve the right to make changes for above parameters without prior notice.

SPECIFICATION

One way air supply/4pipe

Model			02	03	04	05
Air flow	m ³ /h	H	340	510	680	850
		M	280	380	515	660
		L	180	260	340	430
Cooling capacity	W	H	1350	2030	2700	3380
		M	1130	1850	2250	2790
		L	1040	1540	1860	2190
Heating capacity	W	H	1080	1620	2160	2700
		M	780	1108	1574	1960
		L	516	710	1120	11402
Noise	dB(A)	H	43	45	46	47
Input power	W	H	70	75	95	100
Water flow (cooling coil)	m ³ /h	H	0.23	0.35	0.46	0.58
Water flow (heating coil)	m ³ /h	H	0.09	0.14	0.19	0.23
Water pressure drop (cooling coil)	kPa	H	20	20	20	20
Water pressure drop (heating coil)	kPa	H	10	10	10	10
Power supply	/	220V/1PH/50HZ				
Water pipe in/out	/	ZG3/4"				
Drain pipe	mm	∅ 26				
Max working pressure	Mpa	1.6				
Size	L*W*H (mm)	unit	958×413×236			
		panel	1044×468×31			
Weight	kg	unit	21	21	22	22
		panel	4			

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- Heating: Air inlet temperature: 21 °C, water inlet temperature: 60 °C.
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SPECIFICATION

Four way air supply/2pipe

Model			02	03	04	05	06	08	10	12	14	16
Air flow	m ³ /h	H	340	510	680	850	1020	1360	1700	2040	2380	2720
		M	280	380	515	660	765	1050	1280	1550	1840	2320
		L	180	260	340	430	530	710	860	1050	1280	1750
Cooling capacity	kW	H	2.0	3.0	3.8	4.9	5.8	7.5	9.8	11.0	12.6	15.0
		M	1.7	2.55	3.25	4.15	4.95	6.4	8.35	9.35	10.2	12.45
		L	1.4	2.05	2.6	3.4	4.0	5.2	6.75	7.6	8.3	10.3
Heating capacity	kW	H	3.1	4.7	5.9	7.6	9.0	11.6	15.2	17.1	18.9	23.0
		M	2.65	4.0	5.0	6.45	7.65	9.85	12.9	14.55	15.8	19.9
		L	2.1	3.15	3.95	5.1	6.05	7.75	10.2	11.45	12.45	15.2
Noise	dB(A)	H	37	39	41	43	45	46	48	50	51	53
Input power	W	H	37	52	62	76	96	134	152	189	228	250
Water flow	m ³ /h	H	0.34	0.51	0.65	0.83	0.99	1.28	1.67	1.87	2.04	2.55
Water pressure drop	kPa		11	13	22	18	25	23	28	33	42	45
Power supply	/		220V/1PH/50HZ									
Water pipe in/out	/		ZG3/4"									
Drain pipe	mm		∅ 26									
Max working pressure	Mpa		1.6									
Size	L*W*H (mm)	unit	590*590*242			750*750*242			840*840*292			946*
		panel	650*650*40			850*850*40			950*950*40			946*
Weight	kg	unit	17	18	19	22	23	24	28	28	29	33
		panel	2.2			4.5			5.5			6

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		L	180	260	340	430	530	710	860	1050	1280	1750
Cooling capacity	kW	H	2.0	3.0	3.7	4.8	5.7	7.4	9.6	10.8	11.8	13.2
		M	1.7	2.5	3.2	4.1	4.9	6.3	8.2	9.2	10.0	11.0
		L	1.4	2.0	2.6	3.4	3.9	5.1	6.6	7.5	8.2	9.1
Heating capacity	kW	H	2.0	3.0	3.75	4.85	5.75	7.4	9.7	10.9	11.9	13.5
		M	1.7	2.6	3.2	4.1	4.85	6.3	8.2	9.3	10.1	11.2
		L	1.4	2.0	2.5	3.3	3.85	5.0	6.5	7.3	8.0	8.8
Noise	dB (A)	H	39	42	44	44	46	46	48	50	51	53
Input power	W	H	30	37	50	63	80	125	150	190	210	240
Cooling coil water flow	m ³ /h	H	0.33	0.5	0.64	0.81	0.97	1.25	1.64	1.83	2.0	2.2
Heating coil water flow	m ³ /h	H	0.22	0.33	0.42	0.54	0.64	0.82	1.08	1.21	1.32	1.5
Power supply	/	220V/1PH/50HZ										
Water pipe in/out	/	ZG3/4"										
Drain pipe	mm	∅ 26										
Max working pressure	Mpa	1.6										
Size	L*W*H (mm)	unit	590*590*242			750*750*242			840*840*292			946*
		panel	650*650*40			850*850*40			950*950*40			946*
Weight	kg	unit	19	20	20	25	26	29	30	30	30	34
		panel	2.2			4.5			5.5			6

The performance values refer to the following conditions:

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