



# Floor Standing Fan Coil Unit



## FEATURES

### FRAME and STRUCTURE

Panels and frame are made of galvanized steel with power electrostatic coating, properly punched for fixing both accessories and the unit itself.

### 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

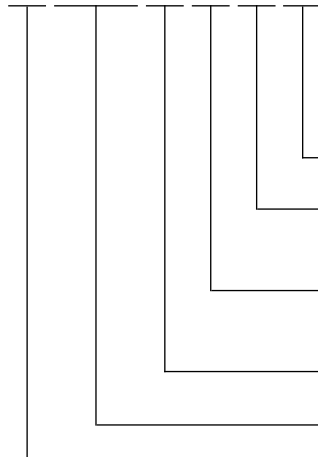
Filter is made of aluminum net and aluminum frame, easy to clean and replace.

### OPTIONAL

- ◆ Electric heater
- ◆ DC brushless motor

## NOMENCLATURE

H F P 06 EF 2 --



--: 12Pa ; 3: 30Pa; 5: 50Pa

2: 2pipe3rows

4: 4pipe3+1rows

S: Ceiling Concealed; ES: Exposed Ceiling;

EF: Exposed Floorstanding;

SF: Concealed Floorstanding;

Air Flow

\*100CFM

FP: Fan Coil Unit

HYC Product

## SPECIFICATION

### 2pipe3row

Model			02	03	04	05	06	08	10	12	14
Air flow	m <sup>3</sup> /h	H	340	510	680	850	1020	1360	1700	2040	2380
		M	255	383	510	638	765	1020	1275	1530	1785
		L	170	255	340	425	510	680	850	1020	1190
Cooling capacity	kW	H	1.90	2.85	3.80	4.75	5.68	7.35	9.20	10.92	12.74
		M	1.62	2.42	3.23	4.03	4.83	6.25	7.82	9.28	10.83
		L	1.24	1.85	2.47	3.08	3.69	4.78	5.98	7.10	8.28
Heating capacity	kW	H	2.85	4.27	5.69	7.11	8.53	11.03	13.78	16.53	19.09
		M	2.42	3.63	4.84	6.04	7.25	9.37	11.71	14.05	16.23
		L	1.85	2.78	3.70	4.62	5.54	7.17	8.96	10.75	12.41
Water flow	m <sup>3</sup> /h		0.35	0.52	0.67	0.83	1.00	1.29	1.61	1.92	2.23
Water pressure drop	Kpa		9.3	12.3	18.4	21.6	32.5	39.5	28.5	38	44.5
Input power	W		37	52	62	76	96	134	152	189	228
Fan qty	/		1	2				4			
Power supply			220V/1Ph/50Hz								
Noise	dB (A)		37	39	41	43	45	46	48	50	51
Dimension	Length(mm)		858	908	1058	1208	1258	1608	1758	1908	2058
	Width(mm)		251	251	251	251	251	251	251	251	251
	Height(mm)		596	596	596	596	596	596	596	596	596
Water pipe in/out			DN20								
Drain pipe			DN20								

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 temperature: 60/50 °C.
- HYC reserve the right to make changes for above parameters without prior notice.

## SPECIFICATION

### 4pipe3+1row

Model			02	03	04	05	06	08	10	12	14
Air flow	m <sup>3</sup> /h	H	340	510	680	850	1020	1360	1700	2040	2380
		M	255	383	510	638	765	1020	1275	1530	1785
		L	170	255	340	425	510	680	850	1020	1190
Cooling capacity	kW	H	1.90	2.85	3.80	4.75	5.68	7.35	9.20	10.92	12.74
		M	1.62	2.42	3.23	4.03	4.83	6.25	7.82	9.28	10.83
		L	1.24	1.85	2.47	3.08	3.69	4.78	5.98	7.10	8.28
Heating capacity	kW	H	0.82	1.22	1.62	2.03	2.43	3.24	4.05	4.85	6.30
		M	0.73	1.10	1.46	1.83	2.18	2.92	2.65	4.37	5.04
		L	0.66	0.99	1.32	1.64	1.97	2.62	3.28	3.94	3.78
Water flow	m <sup>3</sup> /h	0.35	0.52	0.67	0.83	1.00	1.29	1.61	1.92	2.23	
Water pressure drop	Kpa	9.3	12.3	18.4	21.6	32.5	39.5	28.5	38	44.5	
Input power	W	37	52	62	76	96	134	152	189	228	
Fan qty	/	1	2				4				
Power supply		220V/1Ph/50Hz									
Noise	dB (A)	37	39	41	43	45	46	48	50	51	

The performance values refer to the following conditions:

- Cooling: Air inlet temperature: DB27 °C /WB19.5 °C, water temperature: 7/12 °C.
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