

PERFORMANCE OF HIGH WALL FAN COIL(2 TUBE,E style,DC brushless motor)

model (2 tube system)			HWFC2 20 M EC	HWFC2 30 M EC	HWFC2 40 M EC	HWFC2 50 M EC	HWFC2 60 M EC	HWFC2 70 M EC	
power supply			220V,50Hz,1Ph						
air volume	H	m ³ /h	340	510	680	850	1020	1250	
	M		260	380	515	650	765	950	
	L		180	260	340	430	520	600	
static pressure		Pa	0	0	0	0	0	0	
cooling capacity	TH	H	W	2200	3000	4000	4800	5700	7000
			BTU/h	7506	10236	13648	16378	19448	23884
	SH	H	W	1570	2200	2860	3420	4050	4950
			BTU/h	5357	7506	9758	11669	13819	16889
	TH	M	W	1800	2500	3250	3900	4650	5700
			SH	W	1250	1760	2300	2750	3250
	TH	L	W	1350	2100	2500	2950	3500	4200
SH			W	950	1450	1750	2050	2450	2950
heating capacity (1)	H		W	2200	3000	4000	4800	5700	7000
	M		W	1800	2500	3250	3900	4650	5700
	L		W	1350	2100	2500	2950	3500	4200
heating capacity (2)	H		W	3500	4800	6400	7700	9200	11000
	M		W	2850	4000	5200	6250	7450	8950
	L		W	2150	3350	4000	4750	5650	6800
noise	H	0Pa	dB(A)	28	37	41	43	44	48
power input	H	0Pa	W	20	30	36	44	56	75
waterflow volume			m ³ /h	0.38	0.51	0.68	0.82	0.97	1.2
water pressure dropping			kPa	13	21	21	28	25	35
FCEER				101	88	97	91	88	77
FCCOP(1)				101	88	97	91	88	77
dimension of water(in & out)connection pipe		in		ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"
		out		ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"
coil			type	high efficient copper pipe to wear Hydrophilic aluminum coil					
The maximum pressure			MPa	1.6	1.6	1.6	1.6	1.6	1.6
dimension of water drain			mm	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"	ZG1/2"
unit dimennsion	L×H×D		mm	850×291×203	850×291×203	972×302×224	972×302×224	1081×327×248	1081×327×248
unit weight			kg	11	11	14.5	14.5	18	18

Testing condition:

2-tube system

Cooling

Entering air temperature: Dry bulb 27°C, Wet bulb 19.5°C

Entering/out water temperature: 7°C/ 12°C

Heating(1)

Entering air temperature: 21°C

Entering water temperature: 45°C, Same water flow rate as for the cooling

Heating(2)

Entering air temperature: 21°C

Entering water temperature: 60°C, Same water flow rate as for the cooling

