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42GWC

Hydronic Cassette Fan Coil Units

Air Flow: 660~1750m³/h

Technical Parameter

Model		003	004	005	006	008	010
Nominal Air Volume	(H)	660	700	850	1100	1300	1750
	(M) m ³ /h	450	490	600	770	910	1220
	(L)	360	310	470	550	550	700
Cooling Capacity	kW	2.4	4.0	4.7	5.9	8.3	11
Heating Capacity	kW	4.5	6.5	7.7	9.9	12.5	16.9
Power Input	W	55	65	95	97	135	197
Noise	dB (A)	39/33/29	42/36/31	49/41/34	39/31/25	48/40/25	52/46/33
Water Flow	L/S	0.11	0.19	0.24	0.28	0.39	0.52
Water Drop	kPa	12	15	23	21	28	42
Coil Rows		2	2	2	2	3	3
Connection Diameter	inch	3/4	3/4	3/4	1	1	1
Dimensions, grille	mm	720 × 720	720 × 720	720 × 720	960 × 960	960 × 960	960 × 960
Dimensions, unit	mm	575 × 575 × 298	575 × 575 × 298	575 × 575 × 298	825 × 825 × 298	825 × 825 × 298	825 × 825 × 298
Weight, grille	kg	2.5	2.5	2.5	5	5	5
Weight, unit	kg	19	20	20	36	38	38

Note: Cooling Conditions: 27°C DB/19.5°C WB entering air temperature, 7°C entering water and 5°C temperature rise.

Heating Conditions: 21°C entering air temperature, 60°C entering water temperature, the same water flow as the cooling conditions.

Operating Limits

Water Circuit		Water Circuit		Water Circuit	
Maximum water-side pressure	1400kPa	Maximum temperature	5°C	Nominal single-phase voltage	220V .50Hz
Minimum entering water temperature	4°C	Maximum temperature	32°C	Operating voltage limits	198 ~ 264 V
Maximum entering water temperature	80°C				

If the room temperature can go down to 0°C, it is advisable to empty the water circuit to avoid damage caused by ice.

Water Pressure Drop

