

Technical specifications

Ceiling Exposed Unit FWW-AA

District cooling unit/2 pipe/4 rows

	MODEL		200AA	300AA	400AA	600AA	800AA	1000AA	1200AA	1400AA
Air flow	High	m³/h	340	510	680	1020	1360	1700	2040	2380
	Medium	m³/h	279	418	558	836	1115	1394	1673	1952
	Low	m³/h	170	255	340	510	680	850	1020	1190
Total cooling capacity		W	2125	3385	4390	6207	8096	10165	11066	13744
Sensible capacity		W	1233	2059	2848	4179	5572	7125	7961	9770
Water flow		m³/h	0.21	0.33	0.43	0.6	0.79	0.99	1.07	1.32
Water pressure drop		kPa	5	13	22	16	16	25	20	29
Rated power input		W	39	53	72	107	142	183	217	239
Rated running current		A	0.18	0.24	0.33	0.48	0.65	0.83	0.99	1.09
Sound pressure level	High	dB(A)	36	40	43	46	46	50	50	51
	Medium	dB(A)	32	36	36	42	42	47	47	46
	Low	dB(A)	23	25	29	30	32	38	36	37
Coil										
Tube material	Copper									
Fin material	Hydrophilic aluminum 0.11mm									
Max. Working Pressure	1.6MPa									
Cooling Water Pipe Size	Rc 3/4 Female thread									
Condensation Water Pipe Size	R3/4 Male thread									
Fan										
Type	Galvanized steel double stage impeller forward centrifugal									
Quantity	1	2	2	2	3	4	4	4	4	4
Motor										
Type	3 Speed Permanent Split Capacitor Motor									
Quantity	1	1	1	1	2	2	2	2	2	2
Insulation class	IP20/B									

NOTES:

- 1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
ALL STANDARD UNITS ARE WITH BACK AIR PLENUM AND BOTTOM REMOVAL FILTERS;
- 2) THE AIR FLOW IS TESTED AT 20°C DB WITHOUT WATER IN COIL.
- 3) THE COOLING CAPACITY ARE BEING TESTED UNDER FOLLOWING CONDITION:
H SPEED, ENTERING AIR DB/WB: 27°C/19.5°C, WATER INLET 5.5°C, WATER OUTLET 14.5°C
- 4) SOUND PRESSURE MEASURED AT 1M IN FRONT OF THE UNIT AND 1M BELOW THE VERTICAL CENTER LINE OF THE UNIT,
AND TESTED IN SEMI-ANECHOIC ROOM, WITH BACKGROUND SOUND PRESSURE LEVEL: 11.5dB (A).
- 5) ALL PERFORMANCE ARE TESTED UNDER 220V~/50Hz.
- 6) WHEN THE WATER CONNECT DIRECTION IS CHANGED IN FIELD,THE CAPACITY SHOULD BE REDUCED BY 6%.
- 7) FOR MEDIUM SPEED, THE CAPACITY IS ABOUT 87% OF HIGH SPEED.
FOR LOW SPEED, THE CAPACITY IS ABOUT 60% OF HIGH SPEED.