

Modular Air Cooled Water Chiller														
Type Items			HWAC15	HWAC18	HWAC20	HWAC25	HWAC30	HWAC36	HWAC40	HWAC50	HWAC60	HWAC75	HWAC85	HWAC100
			HWAC15H	HWAC18H	HWAC20H	HWAC25H	HWAC30H	HWAC36H	HWAC40H	HWAC50H	HWAC60H	HWAC75H	HWAC85H	HWAC100H
Cooling Capacity		kW	39	47	52	65	78	102	112	135	160	198	220	250
Heating Capacity		kW	41	50	56	68	82	105	117	140	166	206	230	263
Power Supply			380V/3PH-50HZ											
Cooling Power Input		kW	14	17.5	19	21.5	26.9	32.8	37	44	55	72	84	95
Heating Power Input		kW	14.8	18.4	20	22.6	28	34	38.4	45.6	56.8	74	86	98
Protection Devices			high&low pressure switch, anti-frozen protector,over load protector,phase order protector,over-heat protector,water flow switch protector,temperature sensor protector											
Operation and Control			microcomputer control automatically, failure warning, unit operation balance, remote control, Timer on/off, auxiliary electric heater control											
Switch device for heating/cooling			four-way directional control valve											
Compressor	Type		hermetic scroll compressor											
	Power		3.75×3	4.5×3	7.5×2	9×2	9×2+3.75	9×3	9×3+3.75	9×4	9×5	9×6	9×7	9×8
Air Side Heat Exchanger	Exchanger type		copper tubes with aluminum fin											
	Fan type		ultra-low-noise axial											
	Air blowing direction		top discharging											
	Air flow	m3/h	17000	20000	22000	27000	32000	35000	41000	54000	70000	75000	84000	95000
	Power	KW	0.5×2	0.6×2	0.6×2	0.82×2	1.5×2	1.5×2	0.6×4	0.82×4	1.5×4	0.82×6	0.82×6	1.5×3+0.82×3
WaterSide Heat Exchange	Type		shell and tube											
	Water Flow	m3/h	8.5	9.5	11	14	17	20	23	28	32	36	41	46
	Water Resistance	kPa	46	46	48	48	50	50	50	52	52	52	53	53
	Connecting Pipe	in	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	4"	4"
Refrigerant/Volume Control			capillary tube	R22/external balance thermostatic expansion valve										
Operation noise			63	63	64	64	67	67	68	68	71	71	71	73
Dimensions	L×W×H	mm	1600×1000×1600	1800×1000×1800	2000×1000×2100	2200×1000×2000	2400×1200×2000	2400×1200×2000	2400×2000×2200	2500×2100×2400	2800×2100×2400	3000×2200×2000	3000×2200×2300	3500×2200×2300
Weight			580	650	880	930	980	1020	1250	1310	1470	1580	1660	1870

Note: 1. "H" means heat pump type,other refrigerant systems(R407C, R134a,etc) are available too.
2. Nominal cooling condition: outside air temperature DB35℃/WB24℃,inlet/outlet water temperature 12/7℃.
3. Nominal heating condition: outside air temperature DB7℃/WB6℃,inelt/outlet water temperature 40/45℃.
4. Owing to technological advances, the above specifications are subject to change without notice.
5. If any other special specifications are needed, please notify us in advance.