

1-3 Specification Table

Item			WFC-SH 10	WFC-SC 10	WFC-SH 20	WFC-SC 20	WFC-SH 30	WFC-SC 30	WFC-SC 50			
Cooling capacity			kW		35.2		70.3		105.6			
Heating capacity			kW		48.7		97.5		146.2			
Chilled-hot water	Temperature (cooling)	Inlet	°C		12.5							
		Outlet	°C		7.0							
	Temperature (heating)	Inlet	°C		47.4		-		47.4		-	
		Outlet	°C		55		-		55		-	
	Evaporator pressure loss		kPa		56.1		65.8		70.1		40.2	
	Maximum operating pressure		kPa		588							
	Flow rate		l/s		1.52		3.05		4.58		7.64	
			m ³ /h		5.47		11.0		16.5		27.5	
Water retention volume		l.		17		47		73		120		
Cooling water	Heat rejection		kW		85.4		170.8		256.2		427.0	
	Temperature	Inlet	°C		31.0							
		Outlet	°C		35.0							
	Absorber/condenser pressure loss		kPa		85.3		45.3		46.4		41.2	
	Coil fouling factor M ² hr ^o K/kW				0.086							
	Maximum operating pressure		kPa		588							
	Flow rate		l/s		5.1		10.2		15.3		25.5	
			m ³ /h		18.4		36.7		55.1		91.8	
Water retention volume		l.		66		125		194		335		
Heat medium	Heat input		kW		50.2		100		151		251	
	Temperature	Inlet	°C		88							
		Outlet	°C		83							
		Range	°C		70 - 95							
	Generator pressure loss		kPa		90.4		46.4		60.4		85.2	
	Maximum operating pressure		kPa		588							
	Flow rate		l/s		2.4		4.8		7.2		12.0	
			m ³ /h		8.64		17.3		25.9		43.2	
Water retention volume		l.		21		54		84		170		
Electrical	Power supply				400V 3 Phase 50Hz							
	Consumption	*1	W		210		260		310		590	
	Current		A		0.43		0.92		1.25		2.6	
Control	Cooling				On - Off							
	Heating				On - Off		-		On - Off		-	
Dimensions	Width	*2	mm		760 (855)		1,064 (1,159)		1,380 (1,475)		1,785	
	Depth	*2	mm		970		1,304		1,544		1,960 (2,060)	
	Height	*3	mm		1,900 (1,983)		2,010 (2,116)		2,010 (2,130)		2,085 (2,223)	
Weight	Dry		kg		500		930		1,450		2,100	
	Operating		kg		600		1,155		1,800		2,650	
Acoustics	Noise level dB(A)				49		49		46		51	
Piping Diameter (A)	Chilled-hot water		mm		40		50				80	
	Cooling water		mm		50				65		80	
	Heat medium		mm		40		50		65		80	
Cabinet and finish			Weatherproof cabinet suitable for indoor or outdoor application comprising silver metallic pre-painted hot dip zinc coated sheet steel exterior panels.									

*1. Power consumption of chiller only (excluding recirculation pumps and cooling tower fan)

*2. Dimensions in () include junction box.

*3. Dimensions in () include fixed plate and eye bolt (SC(H)10,20&30), include leveling bolt and eye bolt (SC50).

- Specification are subject to change without prior notice.

- The flow rate of chilled-hot water and cooling water must be stable.

- The allowable flow rate ranges are: Chilled-hot water: 80 to 120% of nominal, Cooling water: 100 to 120% of nominal.