

**TECHNICAL DATA**

SPECIFICATIONS				SC 5	SC 10	SC 20	SC 30	SC 50	M 100	
Cooling Capacity				kW	17.6	35.2	70.3	105.6	175.8	352
Chilled	Cooling Temperature		°C	12.5 In / 7 Out						
	Evaporator Pressure Loss		kPa	52.6	56.1	65.8	70.1	40.2	72.6	
	Max Operating Pressure		kPa	588						785
	Rated Water Flow		l/s	0.77	1.52	3.05	4.58	7.64	15.29	
	Allowable Water Flow		%	80% - 120%						
	Volume of the exchanger		l	8	17	47	73	120	121	
Cooling Water	Heat Rejection		kW	42.7	85.4	170.8	256.2	427	855	
	Temperature		°C	31 In / 35 Out						29.4 In 35.4 Out
	Absorber Pressure Loss		kPa	38.3	85.3	45.3	46.4	41.2	66.0	
	Fouling factor		m <sup>2</sup> hr°K/kW	0.086						
	Max Operating Pressure		kPa	588						785
	Rated Water Flow		l/s	2.55	5.1	10.2	15.3	25.5	34.04	
	Allowable Water Flow		%	100% - 120%						
Heat Medium	Volume of the exchanger		l	37	66	125	194	335	422	
	Heat Input		kW	25.1	50.2	100	151	251	503	
	Temperature		°C	88 In / 83 Out						90 In 80 Out
	Allowable Temperature		°C	70 min - 95 max						
	Generator Pressure Loss		kPa	95.8	90.4	46.4	60.4	85.2	29.7	
	Max Operating Pressure		kPa	588						785
	Rated Water Flow		l/s	1.2	2.4	4.8	7.2	12	12.01	
	Allowable Water Flow		%	30% - 120%						
Electrical Supply	Volume of the exchanger		l	10	21	54	84	170	250	
	Power Supply		V/Hz	220 V / 1-phase / 50 Hz	400 V / 3-phases / 50 Hz					
	Consumption <sup>2</sup>		W	48	210	260	310	590	630	
Circuit Amps		A	0.22	0.43	0.92	1.25	2.6	1.83		
Heat medium valve check				On - Off						On-Off;Prop.
Construction	Dimensions <sup>2</sup>	Width	mm	594	760	1060	1380	1784	1672	
		Depth	mm	744	970	1300	1545	1960	3654	
		Height	mm	1736	1900	2010	2045	2085	2200	
	Weight	Dry	kg	365	500	930	1450	2100	4947	
		Operating	kg	420	604	1156	1801	2725	5740	
Noise Level <sup>3</sup>		dB(A)	46	49	49	46	57	56		
Piping	Chilled/hot Water		mm	DN 32	DN 40	DN 50	DN 50	DN 80	DN 100	
	Cooling Water		mm	DN 40	DN 50	DN 50	DN 65	DN 80	DN 125	
	Hot Water		mm	DN 40	DN 40	DN 50	DN 65	DN 80	DN 100	

1 - Power consumption does not include external pumps or motors.

2 - Height does not include removable lifting lugs. Width/Depth does not include the junction box or mounting plates.

3 - Noise level is measured in a free field at a points 1m away from the cabinet and 1.5m above ground level.