

Chiller Specification Sheet RC4-1 & RC8-1

Chiller Data		RC4-1	RC8-1
Cooling capacity	kW	4.10	7.93
Compressor power Input	kW	1.24	2.25
EER (1)		3.30	3.52
Compressor type		Rotary	Scroll
No off compressors		1	1
No of refrigerant circuits		1	1
Refrigerant type		R513A	R513A
Fan type		Axial	Axial
No of fans		1	2
Fans power input	kW	0.08	0.16
Total air flow	m3/h	1537	3074
Pump Type		Peripheral impeller	Peripheral impeller
Pump power input	kW	0.30	0.30
Water tank volume	Litres	35	35
Water flow rate	l/min	10	23.3
Water nominal pressure	bar	1.1	1.2
Water connections		½"	½"
Sound pressure (2)	dB(A)	63	67
Power supply		220/1/50	220/1/50
Maximum absorbed current	A	8.9	16.9
Shipping weight	K/g	125	132
Width	mm	1080	1080
Depth	mm	700	700
Height	mm	970	970

(1) Water inlet/outlet temperature 20/15°C, @ External air temperature 25°C

(2) Sound pressure at 3 M in open field

Eco Design Regulation EU 2016/2281. Not Applicable

THE DECLARED COOLING CAPACITY ARE NOT TAKING INTO ACCOUNT THE PUMP & FAN MOTOR POWER INPUT (WHERE PROVIDED).

Additional features:

- Housing produced in aluminium chassis with stainless steel panels and covers.
- Refrigerant R513A with low GWP 573
- Scroll & rotary compressors (depending on model)
- Water flow switch
- Water pressure gauge
- Switchboard to standards IEC204-1/EN60204-1
- Microprocessor control with alarm fault display (Bluetooth App compliant)
- Aluminium finned condenser coil
- High efficiency evaporator plate heat exchanger
- Fan pressure switch control
- Internal hydraulic bypass
- Refrigerant high & low pressure transducer's
- Flow & return temperature digital read out