

CW 2442-3942

Water Cooled Chillers

4 x scroll compressors, 2 x refrigerant circuits totally independent
Cooling capacity: 290 to 460 kW

Benefits:

- **Flexible functioning:** water condensing temperature from 17°C up to 40°C ; suitable for indoor installation
- **Reduced energy absorption and lower noise levels:** scroll compressors
- **High efficient heat exchange:** stainless steel brazed plate evaporator
- **Optimal flow:** internal water circulation pump (optional)
- **Eco-compatible:** green refrigerant R407C



The CW Series chillers provide low temperature water independent from any ambient condition. The range, designed for application in all the industrial sectors, assures maximum flexibility and energy efficient functioning.

Safe functioning: high and low pressure switches, high and low pressure gauges, flow switch. The **microprocessor control** displaying key water temperature and alarms. Quick start-up operations.



Aquatech

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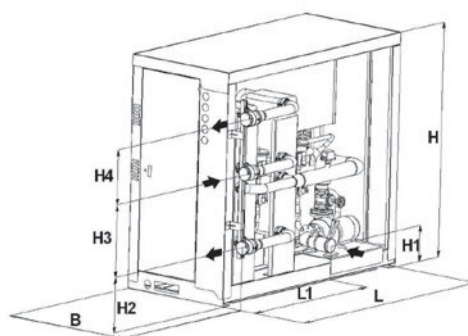
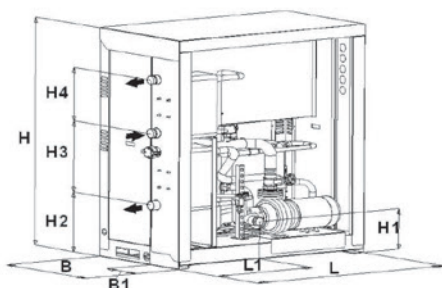
Stainless steel brazed-plate condenser



Internal Water circulation pump

Options:

- Condensation control valve, for optimal management of low condensation water temperature
- Evaporator connections (flanged or to welded end)
- Serial interface for connection with WinFactory



TECHNICAL DATA		CW2442	CW3142	CW3942
Cooling capacity	kcal	249,400	314,760	395,600
T in/out 20-15°C - T cond. water 30°C	kW	290	366	460
Required water flow on condenser	mc/h	49.88	62.9	79.1
Absorbed power 15-30°C	kW	59.1	73.2	86.8
EER 15-30°C		4.9	5	5.3
Water pump - low pressure	mc/h bar kW	24/66 3.25/2.25 5.50	36/120 2.50/1.5 7.50	36/120 2.65/1.5 7.50
Installed power with low pressure pump	kW	107.5	129.4	155
Water pump - medium pressure	mc/h bar kW	24/66 4.8/3.3 9.2	24/72 5.45/3.7 11	48/144 3.8/2.6 15
Installed power with medium pressure pump	kW	112	136.70	162.80
Water pump - high pressure	mc/h bar kW	24/66 6.9/4.7 15	6/36 5.75/4.5 18.50	48/132 5.95/4.6 22
Installed power with high pressure pump	kW	118.30	144.20	189.80
Weight	kg	1500	1610	1730
Connections in/out process and condensing water (Gruvlock)	inch	4		
Dimensions (mm)	L	2220		
	B	1330		
	H	1930		
	B1/L1	420		
	L1/L2	1070		
	H1	355		
	H2	515		
	H3	1020		
	H4	450		

Data are referred to the following conditions: R407C gas, 400/3/50Hz power supply, installed at sea level and working in proper conditions according to Aquatech instruction manual.