



### MCW-Series: Water Chillers

Water chillers cool water or a water-glycol-ethylenemixture in a circuit. Haosch water chillers are distinguished by their high performance, great operating safety, variable cooling performance, easy operation and attractive design. They ensure a consistent processing quality as well as a constant operating temperature by circulating cooling fluid. The compact design of Haosch water chillers ensures a space-saving installation. Our water chillers are used wherever cooling and tempering is required – lasers, precision machine tools, induction systems, welding equipment, milling technologies, laboratory technologies.

The low-cost Haosch industrial cooling systems guarantee high-speed, high-precision and high-reliability of your machines and tools.

#### Specification of the standard version:

- Power: 1.5 - 100 kW
- Water cooling and heating
- Temperature control: fixed temperature and synchronizing w. room temperature
- Operation: LED display, multilingual
- potential-free fault alarm
- Air- and water cooled Condenser
- CE-compliant
- automatic performance adjustment

MCW...		-15	-25	-35	-50	-70	-100	-120	-150	-200	-300	-400	-500	-600	-800	-1000	
ambient temperature °C	water out °C	cooling capacity kW															
32 °C	20	1,5	2,5	3,5	5	7,4	10,5	11,6	15	19	31	40	50	60	80	100	
42 °C	20	1,3	2,2	3,1	4,5	6,7	9,5	10,5	13,2	17,2	28	36,5	46	55,4	73,5	92	
power supply		AC 3P 400V / 50Hz															
power consumption	kW	1	1,6	1,9	2,7	3,5	4,2	5	6,5	7	8	17	26	32	42	45	
current consumption	A	3	4,2	6,1	5,5	6,9	8	9,5	13	15	15,5	32	47	60	80	87	
refrigerant		R134a			R407C												
ambient temp. range	°C	5 - 45°C															
setting range	°C	temperature setting range: 15 - 50 °C															
	°C	synchronizing setting range: +/-9 °C															
water pressure	bar	2,5															
water flow	L/min	10	15	15	24	35	60	60	60	60	150	150	300	300	360	400	
noise	dBA	≤ 58	≤ 65			≤ 70			≤ 75			≤ 80					
water connection	Zoll	3/8	3/4			1			1.50			2.00					
protection	IP	IP 44															
tank capacity	L	20	32		35	60	125		160		300	520		600	800	1000	
net weight	kg	60	120	130	140	160	280	300	310	340	600	680	780	1350	1600	1800	