



MCS-Series: Immersion Chillers

Our devices are cost-effective, simple to service and very versatile. They are used for rapid cooling of liquids like water, oil, emulsion, lubricant or other non-corrosive liquids to low temperature values in containers which are resistant to temperature. To ensure better heat transfer, Haosch immersion chillers are basically equipped with a mixer. The waste heat is released to the environment via an air-cooled condenser. Besides our standard product range, Haosch also offers customized cooling solutions for industrial applications.

Specification of the standard version:

- Power: 1.5 - 40 kW
- typical applications: water, emulsion and oil cooling and heating
- Construction: compact or split construction, air or water cooled
- space-saving design: compact design, can be used in the tank
- variable immersion depth: customer-specific, quick to implement
- integrable: for different machine layouts
- adaptable: can be optionally attached to the machine
- Mixer for better heat exchange in the tank
- potential-free fault alarm
- Temperature control: fixed temperature and synchronizing with room temp
- Operation: LED display, multilanguage
- CE-compliant
- automatic performance adjustment

MCS...			-15S	-25S	-35S	-50S	-70S	-100S	-120S	-150S	-200S	-300S	-400S	
ambient temperature °C	emulsion 5% °C	lubricant 32cSt °C	cooling capacity kW											
32 °C	15	30	1,8	2,4	3,6	4,9	7,4	9,2	9,8	13,3	16,2	24,9	34	
	20	35	2,1	2,9	4,1	5,3	8,5	10,1	11	14,8	18,8	28,7	39,8	
42 °C	15	30	1,6	2,1	3,2	4,3	6,4	8	8,6	11,5	13,6	20,2	28	
	20	35	1,8	2,5	3,6	4,7	7,2	8,8	9,5	12,6	15,8	22,9	31,8	
power supply			AC 3P 400V / 50Hz											
power consumption	kW		0,9	1,5	2	2,5	3	4,3	4,6	5	6,5	11	15	
current consumption	A		2,5	4	5	5	6,5	7,9	8,5	9,5	11,5	22	27,5	
refrigerant			R134a				R407C							
ambient temperature range	°C		5 - 45°C											
setting range	°C		temperature setting range: 15 - 50 °C											
	°C		synchronizing setting range: +/-9 °C											
noise	dBA		≤ 62				≤ 66				≤ 70			
protection	IP		IP 44											
net weight	kg		71	81	103,5	108	128	161	181	202	320	376	422	