

HL-6000

HANLI 6000W Industrial Water Chiller

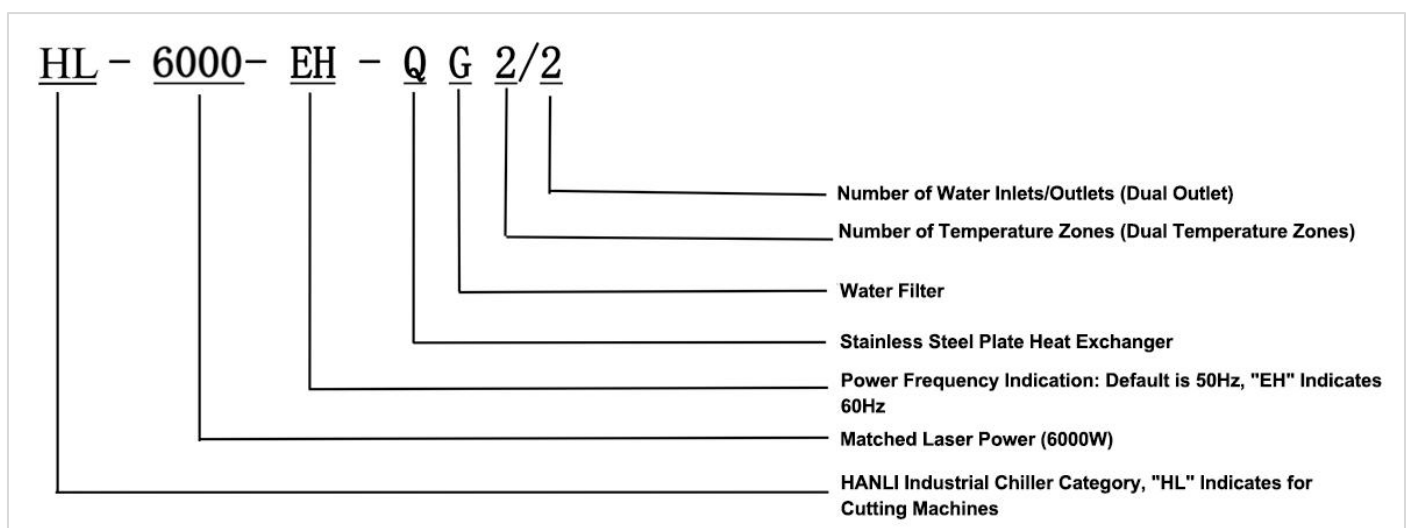
Data Sheet V1.0

The HANLI HanLi-6000 Industrial Water Chiller is a high-performance cooling solution designed for 6000W laser cutting machines. During operation, laser cutting generates significant heat, which can affect precision, damage components, and pose safety risks if not managed. The HanLi-6000 efficiently absorbs and dissipates this heat, maintaining stable operating temperatures, improving cut quality, and extending the machine's lifespan.



Renowned for its reliability and durability, the HanLi-6000 delivers consistent performance under heavy workloads. It reduces overheating-related failures, prevents inconsistent cuts, and lowers maintenance costs. As a critical cooling system for laser cutting, it enhances productivity and ensures operational safety, making it indispensable for industrial applications.

Model Descriptions



Technical Parameters

NO.	Model	Unit	Parameter	
1	Type		HL-6000-QG2/2	HL-6000-EH-QG2/2
2	Power system		380V/AC±10% 50Hz	380V/AC±10% 60Hz
3	Power rating	kW	8.5	11.0
4	Maximum current	A	13.5	14.5
5	Nominal horse-power	HP	5	
6	Compressor power	kW	3.64	4.04
7	Electric heating power	kW	1.25+1.25	
8	Pumping power	kW	1.1	1.0
9	Fan power	kW	0.65	0.75
10	The maximum air volume of the fan	m ³ /h	8400	8450
11	Rated flow rate at the low-temperature end	L/min	60~66	
12	Rated pressure at the low-temperature end	bar	3.5	
13	Maximum pressure at the low-temperature end	bar	6.0	
14	Low-temperature end interface size		G3 / 4- Φ 25mm Pagoda Joint	
15	The water temperature range at the low-temperature end	°C	21~32	
16	Rated flow rate at the high-temperature end	L/min	2.0	
17	Rated pressure at the high-temperature end	bar	3.5	
18	High-temperature end interface size		G1 / 2- Φ 13mm Pagoda Joint	
19	The water temperature range at the high-temperature end	°C	26-35	

20	Water temperature control accuracy	°C	±1	
21	Water tank volume	L	43	
22	Ambient temperature	°C	5-40	
23	Refrigerant		R32	R410A
24	Equipment appearance color		Orange grain white	
25	Equipment operation noise	dB(A)	≈75	
26	Net weight	kg	102	
27	Machine size	mm	715×610×950	
28	Rough weight	kg	112	
29	Packing measurement	mm	745×670×114	
30	Suitable cooling medium	Purified water; ethylene glycol solution with a concentration of ≤30%		

Product Appearance

