

# HL-3000

## HANLI 3000W Industrial Water Chiller

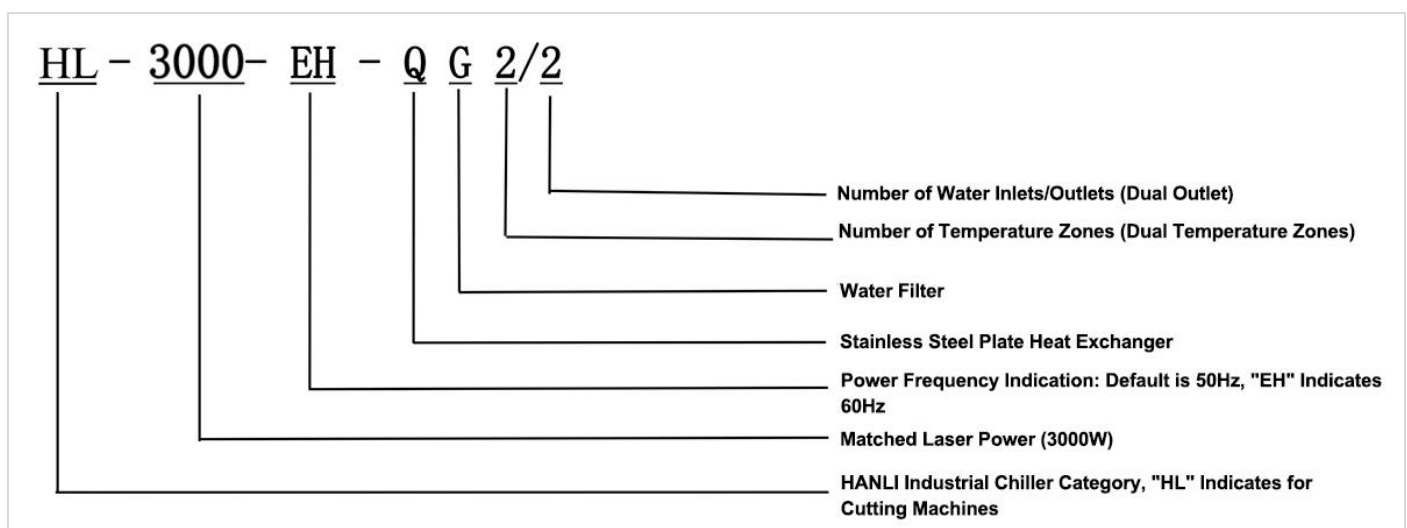
Data Sheet V1.0

The HANLI HanLi-3000 Industrial Water Chiller is a high-performance cooling solution designed for 3000W 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-3000 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-3000 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-3000-QG2/2	HL-3000-EH-QG2/2
2	Power system		220V/AC±10% 50Hz	220V/AC±10% 60Hz
3	Power rating	kW	3.8	4.0
4	Maximum current	A	13.5	14
5	Nominal horse-power	HP	2.5	
6	Compressor power	kW	1.94	1.73
7	Electric heating power	kW	0.8	
8	Pumping power	kW	0.55	
9	Fan power	kW	0.24	0.35
10	The maximum air volume of the fan	m <sup>3</sup> /h	3806	4540
11	Rated flow rate at the low-temperature end	L/min	≥33	
12	Rated pressure at the low-temperature end	bar	3.0	
13	Maximum pressure at the low-temperature end	bar	4.5	
14	Low-temperature end interface size		G3 / 4- Φ 20mm	
15	The water temperature range at the low-temperature end	°C	21~32	
16	Rated flow rate at the high-temperature end	L/min	1.2~1.5	
17	Rated pressure at the high-temperature end	bar	3.0	
18	High-temperature end interface size		G1 / 2- Φ 10mm	
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	21
22	Ambient temperature	°C	5-40
23	Refrigerant		R32
24	Equipment appearance color		Orange grain white
25	Equipment operation noise	dB(A)	≈70
26	Net weight	kg	55
27	Machine size	mm	520×640×815
28	Rough weight	kg	66
29	Packing measurement	mm	565×675×865
30	Suitable cooling medium	Purified water; ethylene glycol solution with a concentration of ≤30%	

## Product Appearance

