

# HL-60000

## HANLI 60000W Industrial Water Chiller

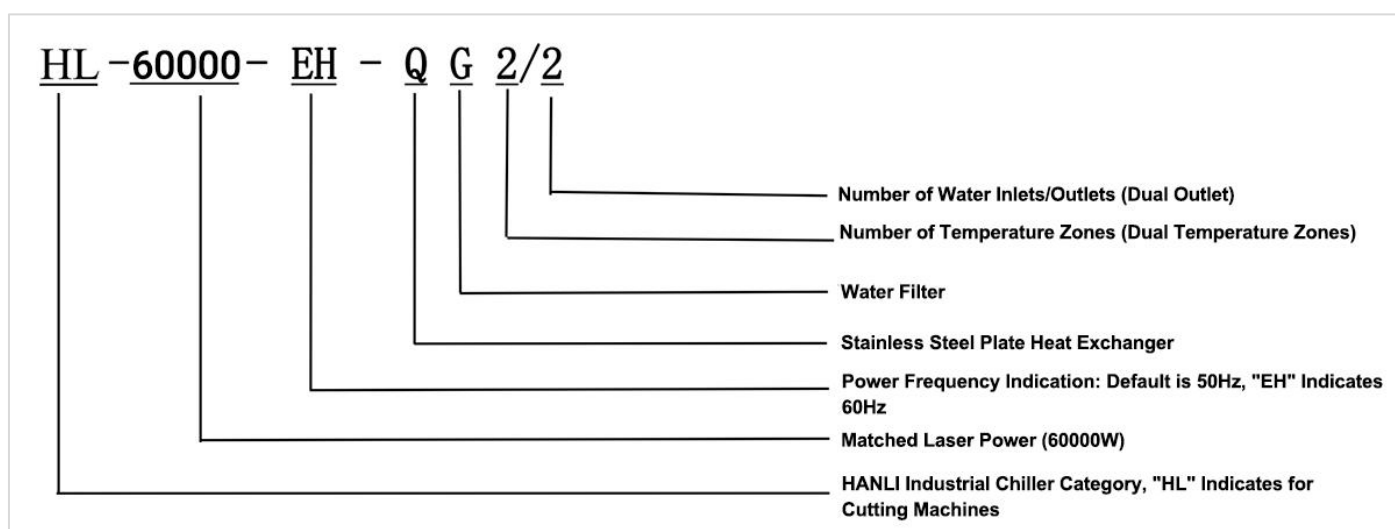
Data Sheet V1.0

The HANLI HanLi-60000 Industrial Water Chiller is a high-performance cooling solution designed for 60000W 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-60000 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-60000 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-60000-QG2/2
2	Power system		380V/AC±10% 50Hz
3	Power rating	kW	59
4	Maximum current	A	105
5	Nominal horse-power	HP	19x2
6	Compressor power	kW	$13.24 \times 2$
7	Electric heating power	kW	0.8+19.3
8	Pumping power	kW	15
9	Fan power	kW	$0.6 \times 6$
10	The maximum air volume of the fan	m <sup>3</sup> /h	$8730 \times 6$
11	Rated flow rate at the low-temperature end	L/min	≥600
12	Rated pressure at the low-temperature end	bar	5.5
13	Maximum pressure at the low-temperature end	bar	11.5
14	Low-temperature end interface size		G1-1/2-Φ45mm
15	The water temperature range at the low-temperature end	℃	21~26
16	Rated flow rate at the high-temperature end	L/min	5.5
17	Rated pressure at the high-temperature end	bar	5.5
18	High-temperature end interface size		G1 / 2- Φ 20mm

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	450
22	Ambient temperature	°C	5-40
23	Refrigerant		R410A
24	Equipment appearance color		Orange grain white
25	Equipment operation noise	dB(A)	≈75
26	Net weight	kg	745
27	Machine size	mm	2210×1440×1505
28	Rough weight	kg	866
29	Packing measurement	mm	2340×1500×1600
30	Suitable cooling medium	Purified water; ethylene glycol solution with a concentration of ≤30%	

## Product Appearance

