

# HL-20000

## HANLI 20000W Industrial Water Chiller

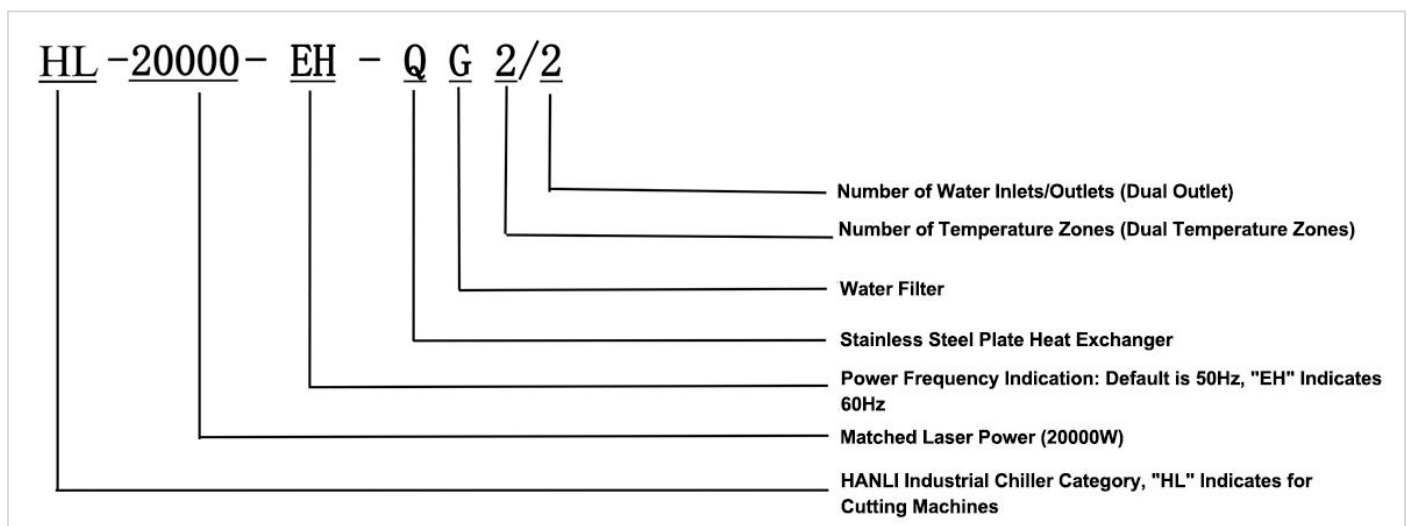
Data Sheet V1.0

The HANLI HanLi-20000 Industrial Water Chiller is a high-performance cooling solution designed for 20000W 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-20000 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-20000 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-20000-QG2/2	HL-20000-EH-QG2/2
2	Power system		380V/AC±10% 50Hz	380V/AC±10% 60Hz
3	Power rating	kW	28.0	
4	Maximum current	A	40.0	
5	Nominal horse-power	HP	13	15
6	Compressor power	kW	9.736	10.85
7	Electric heating power	kW	3+3.75	
8	Pumping power	kW	3.5	4.0
9	Fan power	kW	0.65	0.75
10	The maximum air volume of the fan	m <sup>3</sup> /h	8400×2	8450×2
11	Rated flow rate at the low-temperature end	L/min	≥220	
12	Rated pressure at the low-temperature end	bar	5.0	
13	Maximum pressure at the low-temperature end	bar	8.4	
14	Low-temperature end interface size		G1-1/2-Φ38mm 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	4.5	
17	Rated pressure at the high-temperature end	bar	5.0	
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	180
22	Ambient temperature	°C	5-40
23	Refrigerant		R32
24	Equipment appearance color		Orange grain white
25	Equipment operation noise	dB(A)	≈75
26	Net weight	kg	250
27	Machine size	mm	1690×750×1080
28	Rough weight	kg	265
29	Packing measurement	mm	1760×800×1170
30	Suitable cooling medium	Purified water; ethylene glycol solution with a concentration of ≤30%	

## Product Appearance

