

Technical Specifications

Product name:	Industrial Chiller
Product model:	HL-05-GY
Date of preparation:	2025/09/08
Number:	HL-6239

compile	review	approve
Ao Chen		



Directory

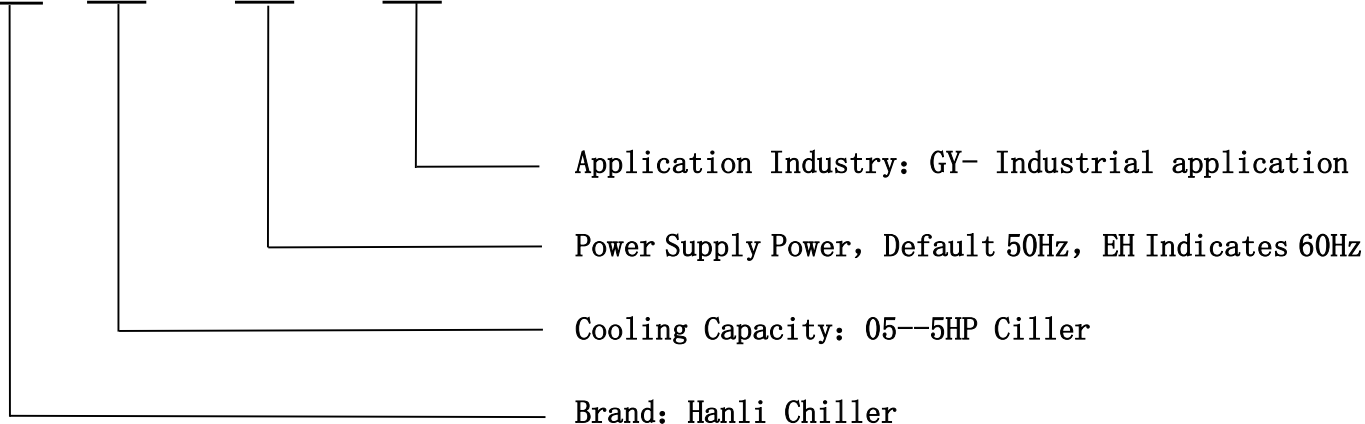
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1. Model description

HL - 05 - EH - GY



2. Technical parameters

(1) Technical data sheet

Serial number	Category	Units	Parameter
1	Models		HL-05-GY
2	Power		380V/AC±10% 50Hz
3	Rated power	kW	7.4
4	Maximum current	A	11.2
5	Compressor power	kW	5.3
6	Pump power	kW	0.75
7	Fan power	kW	0.75
8	Maximum air volume of the fan	m ³ /h	9660
9	Rated flow at the low end	m ³ /h	4.0



10	Highest pressure at the low end	bar	4.5
11	Cryogenic end interface size		G1-Φ32mm Pagoda Joint
12	The range of water temperature settings at the low end	°C	21-32
13	Water temperature control accuracy	°C	±2
14	Water tank volume	L	55
15	Use ambient temperature	°C	5-40
16	Refrigerants		R32
17	The color of the appearance of the device		Black/Red
18	Equipment operating noise	dB(A)	≈72
19	net weight	kg	96
20	Machine size	mm	720×675×1070
21	weight	kg	108
22	Package size	mm	775×725×1245
23	Suitable for cooling media		Purified water 、 Concentration≤ 30% ethylene glycol solution



3. Appliance control

(1) Description of the key definition

The names of each button are as follows:



Power/Exit key



Set the key

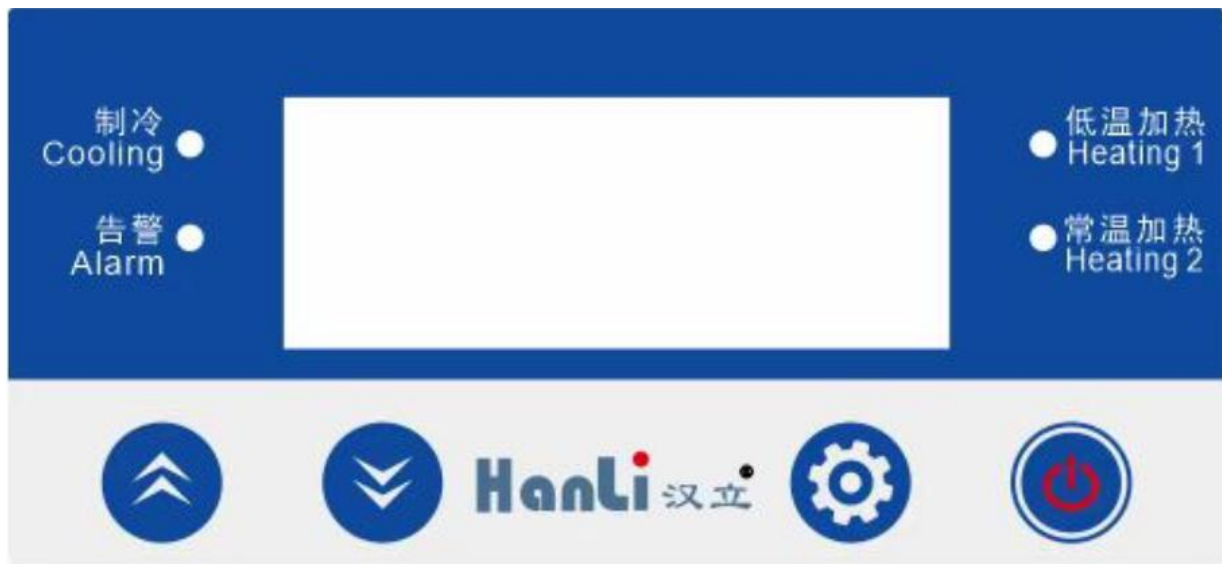


upward adjustment key



Downward adjustment key

(2) Panel schematic



(3) Alarm function

Fault code	Fault name
E01	Low temperature water probe failure
E02	Low temperature water high temperature alarm
E03	Low voltage alarm
E04	Phase sequence alarm
E05	low temperature water traffic alarm
E06	Water pump current overload alarm
E07	High voltage alarm
E08	Low temperature water low temperature alarm
E09	Normal temperature water probe failure
E10	Normal temperature water high temperature alarm
E11	Normal temperature water low temperature alarm
E12	Normal temperature water flow alarm
ERR	Storage failures



4. Outline drawing

