Product Specification

Product Name:Electronic ice gall

Product Specifications 06A-A

Customer's Name:

Date:

Composition:	**Liu Feng**
.Review:	**Fu Lihua**
Customer confirms return：	

Tel：0755-84826052/83553378

1. Main content and scope of application

This standard stipulates the use of our company's water dispensers.Electronic ice gallGeneral structure, technical requirements, logo, packaging, inspection, transportation and storage.

2. Reference criteria

The provisions contained in the following standards constitute the provisions of this standard by reference in this standard. When this standard is released, all versions are valid. (All standards may be revised, and all parties using this standard should explore the possibility of using the latest version of the following standards.)

QB/T2452-1999 Household Hot and Cold Water Dispenser Industry Standard.

GB/T2452-1999 Safety of Household and Similar Electrical Appliances Part I: General Requirements.

3. Definition

3.1 RefrigerationChip: a refrigeration device made of semiconductor materials according to the Palter effect.

3.2 Sensor (NTC): It is used to detect the negative temperature coefficient resistance of ice gall water temperature.

4, General specifications

4.1Rated voltage: DC12V±0.5V, rated power: 65W±8 W

4.2Refrigeration chip specification: TEC1-12706

4.3Rated capacity: 0.6L.

Four point fourFan specification: 92*92*25, which meets the flame retardant requirements.

4.5Supporting heat dissipation aluminum specifications: 100*94*24mm

4.6 Sensor Specification: $R_{(25)℃}$= 10 thousandΩ±2%, $B_{(25/85)}$= 3,435 K±2%.

4.7 The temperature control resistance of the ice gall power supply board R12 is 18K.

4.8 Ice gall naked test, in the environment 25℃In the middle, add 25 to the ice gall℃Water, the first light turning time is within 45 minutes, and the water temperature is 15℃At that time, the cooling water capacity is not less than 800ml/h

5, Technical requirements

5.1 Structure, size and tolerance See the relevant drawings.

5.2 Appearance requirements

5.2.1 The overall appearance is good, and there should be no stains, broken wires and other defects.

5.2.2 The heat-dissipating aluminum shall not have burrs, oil stains, deformation and other defects.

5.2.3 Plastic parts (foam) shall not have defects such as flying edges, cracking, or insufficient filling.

Inspection standards for parts		Applicable model	File number	
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5.2.4 The insulation layer should work closely together, and there should be no openings, gaps and other defects.

5.3 Performance requirements

5.3.1 Refrigeration capacity: After the ice gall is installed, the refrigeration water capacity should≥600Ml/h

5.3.2 Water flow rate: bare gall test should≥1000ml/min.

5.3.3 Sealing: The electronic ice gall withstands 0.05MPa water pressure for 20 seconds; or, after 120 minutes of filling with water, there should be no water leakage..

5.4 Wire requirements

5.4.1 SensorWire: white, 28AWG.

5.4.2 Fan wire: positive pole, red; negative pole, black. 26AWG.

5.4.3 RefrigerationChip wire: positive pole, red; negative pole, black. 20AWG.

5.4.4 Peel the ends of all wires≥5 mmBare wire, tin or add terminals according to customer requirements.

5.4.5 All wires are tied near the heat-dissipating aluminum with ties.Together, starting from the heat-dissipating aluminum, the length of the wire is more than 200mm.

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5.5 Flame retardant requirements: The material of the power supply bracket board should at least reach the UL94-VO flame retardant level.

5.6 Ice gall should have good thermal insulation performance.

6. Inspection and test methods

Serial number	Project		Characteristic importance	Types of inspection	Test method	Remarks
1	Bare gall cooling water capacity		B.	T.	Test according to relevant standards on the bare gall test device, and the test method and environmental conditions are the same as the whole machine test.	
2	Installation mechanism cold water energy		B.	T.	Test the whole machine according to relevant standards, and the test method and environmental conditions are the same as the whole machine test.	
3	Outflow rate		B.	T.	Test on the naked gall test device, test 3 times, and take the average value.	
4	Sealing		B.	S	Apply 0.05MPa water pressure, hold for 20 seconds, or after 120 minutes of filling with water, observe whether the ice gall is leaking.	
5	Mechanical strength		B.	T.	After installation, test according to the relevant standards.	
6	Ice blockage		B.	T.	Run continuously in the normal state, do not release water, and check whether the ice gall is frozen after 48 hours.	
7	.The temperature rises		B.	T.	The fan runs continuously, the faucet is open, and make sure that the whole machine does not turn the light until the temperature of the fan is stable.	
8	Blocking		B.	T.	Make the fan unable to rotate and apply the rated voltage until the	

					temperature of the fan is stable or damaged.	
9	Fan start-up voltage		B.	T.	Connect the fan to the DC power supply, adjust the output voltage of the power supply, and slowly rise to zero until the fan starts.	

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7. Identification and packaging

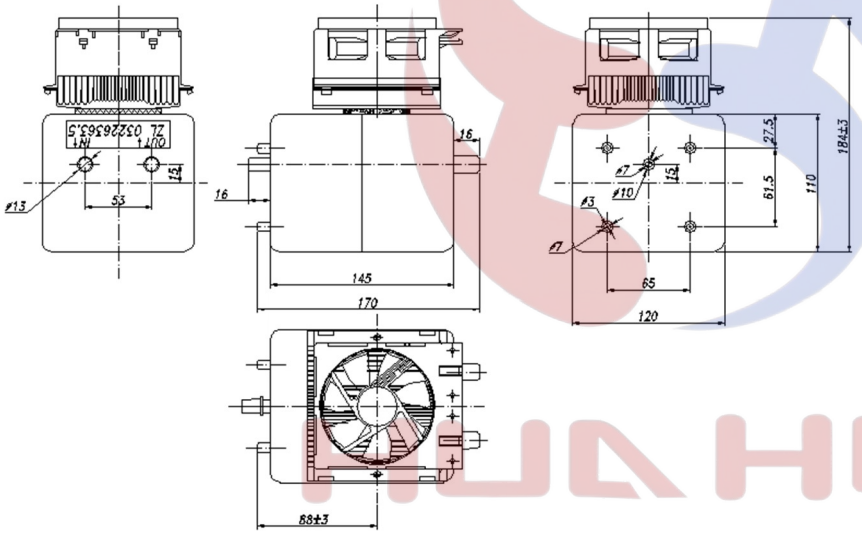
7.1 The finished product should have the name or logo of the manufacturer, model, specification and production date.

7.2 The two parties agree on the identification of export products.

7.3 The inlet pipe on the finished product should be clearly marked.

.7.4 The package should indicate the supplier's name, product name, specification and model, quantity, production batch number and factory date.

8. Drawings: The height of the center and the size of the installation pin can be adjusted according to the customer's requirements.



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