

Manual for Soda Chiller

Installation and Maintenance








BEFORE USE	-----	01
PRODUCTS DESCRIPTION	-----	02
PARTS LIST	-----	03
ELECTRICAL SCHEMATIC	-----	04
PARAMETER LIST	-----	05
MALFUNCTIONS EXAMINATION	----	06

BEFORE USE

Thank you for choose the chiller, this soda chiller was designed to provide chilled water and chilled soda water. It is indicated for home use and also be used for commercial areas like offices and bars. Before use the appliance, thank you for read the instructions carefully for safety and use it to its best.

WARNINGS

	· If the machine has been put down or turned upside down, wait for at least 8 hours before putting it into operation.
	· Before carrying out any maintenance or cleaning operation, remove the plug from the mains socket.
	· Failure to comply with any of these safety regulations could cause fires, electric shocks or damage the machine.


PLACE OF INSTALLATION

- Do not place the machine near inflammable solvents such as alcohol or diluents.
- Do not install the machine in excessively damp and dusty places, ex-posed to direct sunlight, outdoors or near to heat sources. Machine installation in these places could cause fires or electric shocks.
- The appliance should be positioned to leave about 5cm of space free for air to circulate freely. Special ventilation grills should be prepared to favor the disposal of the heat produced by the refrigerating circuit. If there is no special ventilation grille, keep the cabinet door open for ventilation.

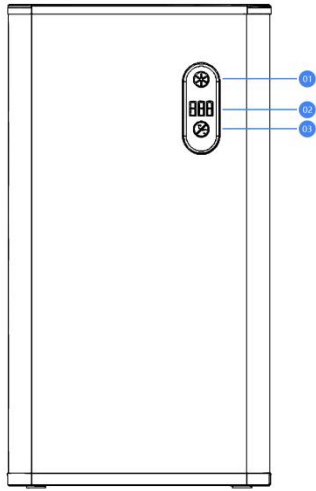
ELECTRIC POWER SUPPLY

- Do not connect or disconnect the machine from the socket with wet hands.
- Do not let the cable close to the radiator of the machine.
- Do not connect the machine to a socket to which other equipment is connected (extensions, 2 or 3 plug adaptors, etc.).
- Do not use the machine if the power cable is tied or knotted.

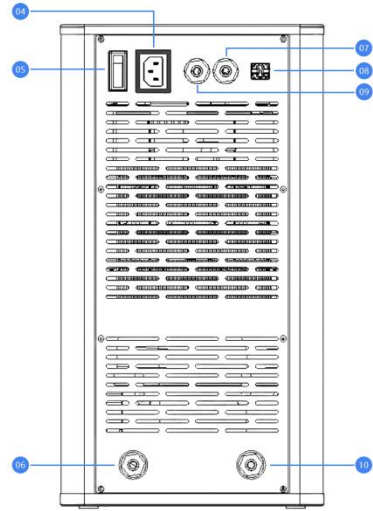
CHECK THE FEATURE LABEL ON THE BACK SIDE OF THE CHILLER

Feature Label	
Description: Chiller and soda maker	Rated Input: 120W
Model Number: LS5001255	Freon: R a
Rated Voltage:V,Hz	Working Temperature: 10°C-43°C
Water Pressure: 1.5bar-3bar	Standby Power: 3W
	LS2101XXXXX
1 220V-240V, 50Hz or 110-120V, 60Hz	
2 R600a or R134a	
3 Each one has an identification No.	

PRODUCTS DESCRIPTION



Front



Back

01 Model Logo

02 Temperature

03 Switch Button

04 Power Switch

05 Coupler

06 CO2 Inlet

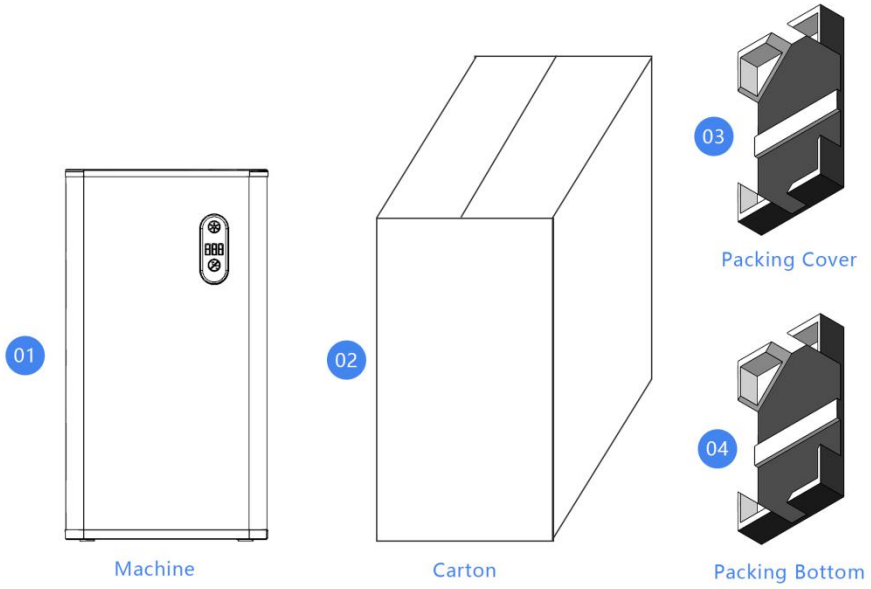
07 Soda Water Outlet

08 Pressure Relief Valve

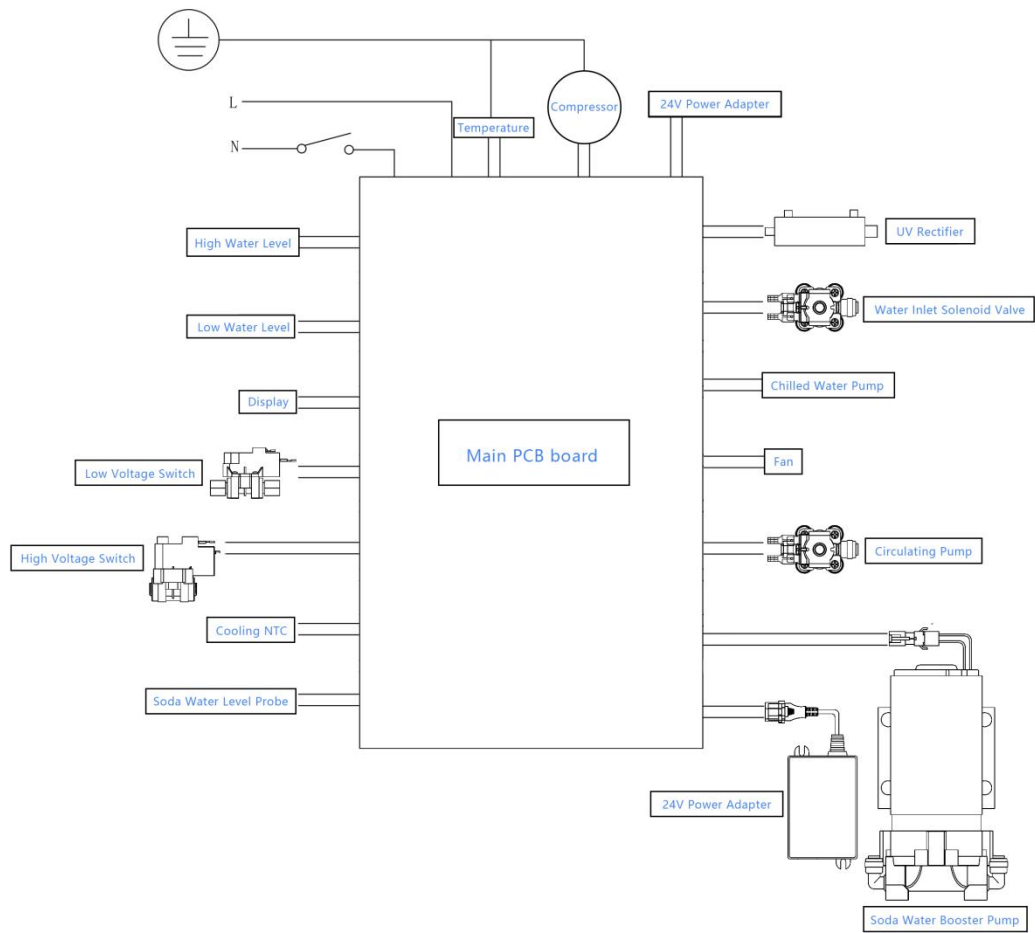
09 Chilled Water Outlet

10 Water Inlet


PRATS LIST



ELECTRICAL SCHEMATIC



Parameter list

Parameter	Code No.: LS5001255
Pic for ref	
Outcase	SS304+ABS
Dimension(mm)	H420 x W230 x D400
G.W	17kgs
N.W	14kgs
packing size	45*25*43cm
Function	chilled water, chilled sparkling water UV sterilization
Evaporator structure	cooling-chilled water tank and sparkling water tank
Heat dissipation mode	wind cooling
Yield water volumn/time temperature <12°C chilled water	2.4L
Yield water volumn/time temperature <12°C sparkling water	2.4L
Voltage	220V/50HZ or 110V/60HZ
Power	120W/0.7A
Temperature range	3-12°C
Sparkling water/h	4-6L(3°C-12°C)
Chilled water/h	4-6L(3°C-12°C)
CO2 percentage	first cup > 3.2%
CO2 inlet pressure	4bar
Water inlet pressure	2-4bar
Inlet water temperature	10-38°C
Surrounding temperature	10-38°C
First time cooling	45-50m
Recooling time(6°C)	25m
Noise	<45db
Refrigerant	R134a or R600a
Refrigerant weight	41g for R600a or 62g for R134a
Chilled water tank capacity	2.4L
Sparkling water tank capacity	1.2L
Warranty	1+1 years

Malfunctions Examination			
No	Malfunctions	Reasons	Solutions
1		No power supply to external lines	Check external power supply
2	No display on screen	The power adapter has no power output	Check whether the power adapter is working. If it is damaged, replace the power adapter.
3		The display or main PCB board is damaged	Replace the display or main PCB board
4	Error Code: E0	Water cut-off or low water pressure (less than 0.1MPa)	Check external water source
5	Error Code: E1	Poor contact of temperature sensor and connector	Check whether the temperature sensor and connector are well installed. If they are damaged, replace them in time
Precautions for first installation			
1	Placement position	The machine shall be placed stably, the left, right and rear sides shall be kept at a certain distance from the cabinet	
2	Connect water and power	The outlet pipe shall be shorter than 100cm, otherwise the outlet volume and outlet temperature will be affected	
		Connect the water source, and the water pressure shall be $\geq 0.2\text{MP}$	
		Connect CO ₂ , and the pressure of CO ₂ shall be $\geq 0.4\text{MP}$	
		Connect the power supply, and the socket shall be grounded with three cores	
3	If the pressure in the soda tank is $\geq 0.7\text{MPa}$, the pressure relief valve will start to work.		
4	If the machine is not used for more than one week, please remove the drain plug at the bottom of the machine and drain the water in the cold tank.		