

**CAUTION: READ INSTRUCTIONS THOROUGHLY BEFORE OPERATION OF UNIT**

# Ozonated Water Machine Manual

**Manufacturer: Dino Purification (Guangzhou) Co.,Ltd**

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## Dear Customers,

Many thanks for your choice of Dino's ozone water system. Your satisfaction is our continuous motivation, we will provide you with the best service from beginning to end. Our products come with high quality and good performance. In order to facilitate your usage, please carefully read this manual carefully before operation, and according to the manual steps, welcome to inquire and provide valuable advice, if you have any questions. Because of possible product improvements, your purchase product's introduction maybe not completely consistent, hereby apologize.

### Scope of Use

Ozonated Water Machine is a integrate with ozone generator, mixing device, all in one system, it is a convenient and installation friendly system to give you minimum installation work. It's widely used for water purification of drinking water, clean in space, laundry, food processing and storage, hot kitchen, washroom, chiller room, fresh produce, meat and sea food preparation room, washing area, loading Bay and refuse center and so on.

### Using Environment

- ① Ambient temperature: 2°C~40°C;
- ② Ambient humidity: ≤75%;
- ③ No flammable, explosive gas, conductive powder dusts and contain corrosive metal-insulated gas were allowed in the working room.
- ④ The equipment shall be placed on ground or supports steadily.
- ⑤ Keep the system at ventilation area, exhaust fan should be installed if need.

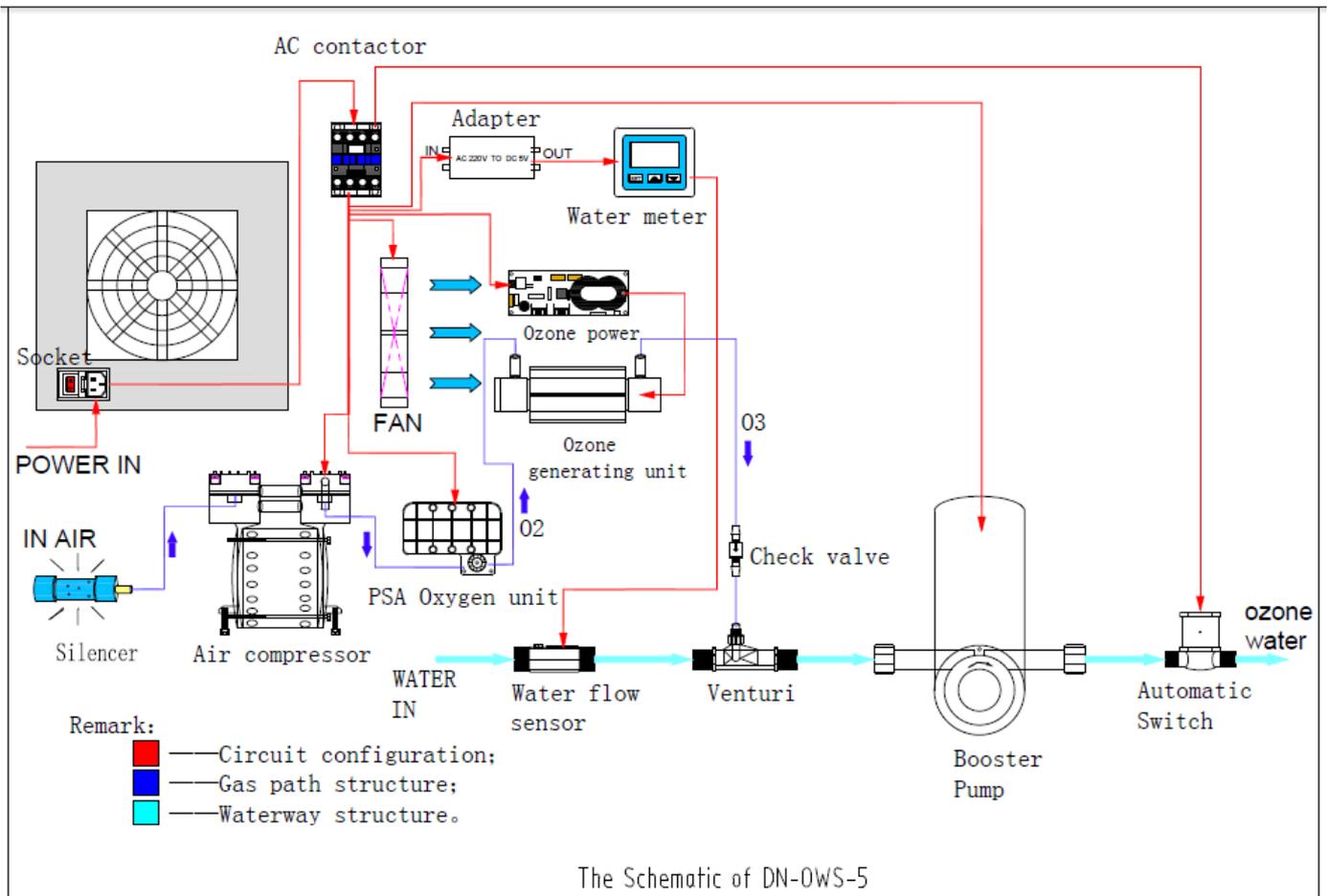
### Technical Features

- ① Stable production of high concentration ozone water, up to 3~4mg/L;
- ② LCD screen monitoring water flow rate, temperature, water consumption, working time;
- ③ Stainless steel 304 housing, easy to clean, corrosion resistant, durable;
- ④ Low energy consumption, continuous operation and long service life;
- ⑤ Integrated water flow sensor, if no water, stop automatically;
- ⑥ Automatic pressure compensation function;
- ⑦ Compact and small design, low noise and easy operation.

### Technical Specification:

Model	O3 water concentration	Weight	Power	Dimension	Ozone water volume	Outlet Water pressure	Voltage
DN-OWS-5G plus	3~4 ppm	12.6kg	0.3kw	37*25*25cm	≤400L/Hr	1.5-2.5	220V/50Hz

## Scheme of Operation

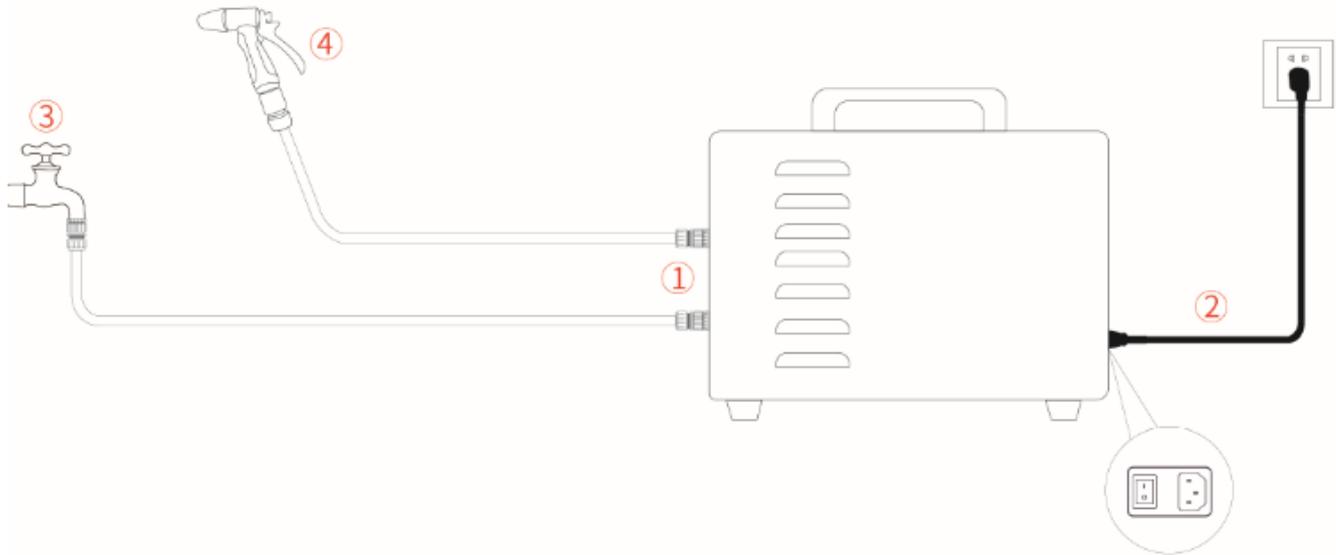


## Operation Instruction

Please kindly check whether the following accessories all in the package when clients receive product.

Name	Ozone water system	Water pipe	High pressure water gun	Certificate of quality	Fuse	Manual
Quantity	1	2	1	1	1	1

## Installation



### Turn on Steps:

- ① Connected tap water inlet and disinfection water outlet (noted: no water to the system);
- ② Plug in 220V@50Hz AC and turn on Power switch
- ③ Turn on tap water valve
- ④ Hand-held and press the spray gun, the system starts to produce ozone water.

### Turn off Steps:

- ① Turn off Power
- ② Turn off water valve
- ③ Drain the residual water from the machine

### Important note:

- ① Spray gun may not need in application such as laundry, washroom etc.
- ② If the machine won't be used for a long time, please cut off the water source, drain off the residual water, and place the it in a dry and ventilated place.

## Safety considerations

- ① Ozone equipment is a precision equipment that avoids collision during transportation, installation and use.
- ② Do not install the device in a place that is too humid or has a large impact vibration. High humidity is likely to cause damage to the electrical components, and the impact vibration causes the ozone tube to be damaged.
- ③ Run according to the specified power supply and check if the power supply voltage meets the requirements. It should fluctuate within 10% of the power supply.
- ④ High voltage inside, it is strictly prohibited to open, touching, or putting hands inside the machine when it running; service by qualified electric only

- ⑤ Using qualified safe and reliable grounding connected to avoid eliminate fire hazards;
- ⑥ Maximum inlet water pressure 2 bars, higher pressure may cause damage to the machine

## Maintenance

- ① The fan filter tends to accumulate dust and hinder the heat dissipation of the machine. It is recommended to clean it with water and cloth once a month, and do not re-assemble it until it is dry.
- ② When finish using, drain off the residual water inside the machine, and place the it in a dry and ventilated place.
- ③ During humid season, there is moisture on connecting cable of the transformer (the high voltage unit), transformer, and the connecting cables of the ozone module. Dry it with cloth and hair dryer. Otherwise, it may lead to damage of the equipment.
- ④ Small particulates accumulate in the ozone chamber from the gas source will lower the ozone production and concentration. Hence, they need to be cleaned it at least one time each year.

## Maintenance cycle table

Item	Content	Circle					Remark
		month	Half year	One year	Two year	Three year	
Fan filter net	Clean replace	☆		●			Cycling clean
Dry moisture on high voltage parts	Clean	☆					Maintain during humid season
Inner side of internal and external electrode	Clean			☆			Maintain during humid season
Internal electrode	Replace				●		Replace if high demanded
External electrode	Replace					●	Replace if high demanded
Oxygen unit	Replace					●	

Note:

- (1) ☆ : means inspection, adjust or clean; ● : means replacement
- (2) The above table is the suggested maintenance/ replacement cycle from manufacturer and customer can also conduct the maintenance/replacement according the actual operation environment and intensity of work
- (3) All maintenance/replacement can only be conducted when the power is off and pressure release, ensuring the safety of the operation personnel.

## Troubleshooting:

Problem	Reasons	Solutions
The system didn't work	1.No power. 2.Fuse burn down 3. No water 4. water pump stuck	1. Connect to correct power 2. Replace the fuse 3.Connect to tap water 4. Remove debris
Fuse burn down	1.Input voltage not meet request 2.Short circuit inside 3.Ozone module damage	1. Connect to correct power 2. Check internal circuits and repair 3. replace ozone module
No ozone water produced	1. Ozone module damager 2. Ozone power supply damager 3. oxygen unit out of lifetime	1.Replace ozone module 2. Replace power supply 3. Replace oxygen unit
Inside machine ozone leakage	1.Ozone chamber breakdown 2.Water pump Mechanical seal damage	1.Replace ozone chamber 2.Replace mechanical seal

## Warranty terms:

After sale service commitment :

All products (not including consumable material, accessories) from our company are warranted for one year and lifetime maintenance from the date of purchasing.

The following occasions are excluded from the warranty, and we supplier may charge for the repairing materials.

Damage due to natural disaster or other majeure reasons;

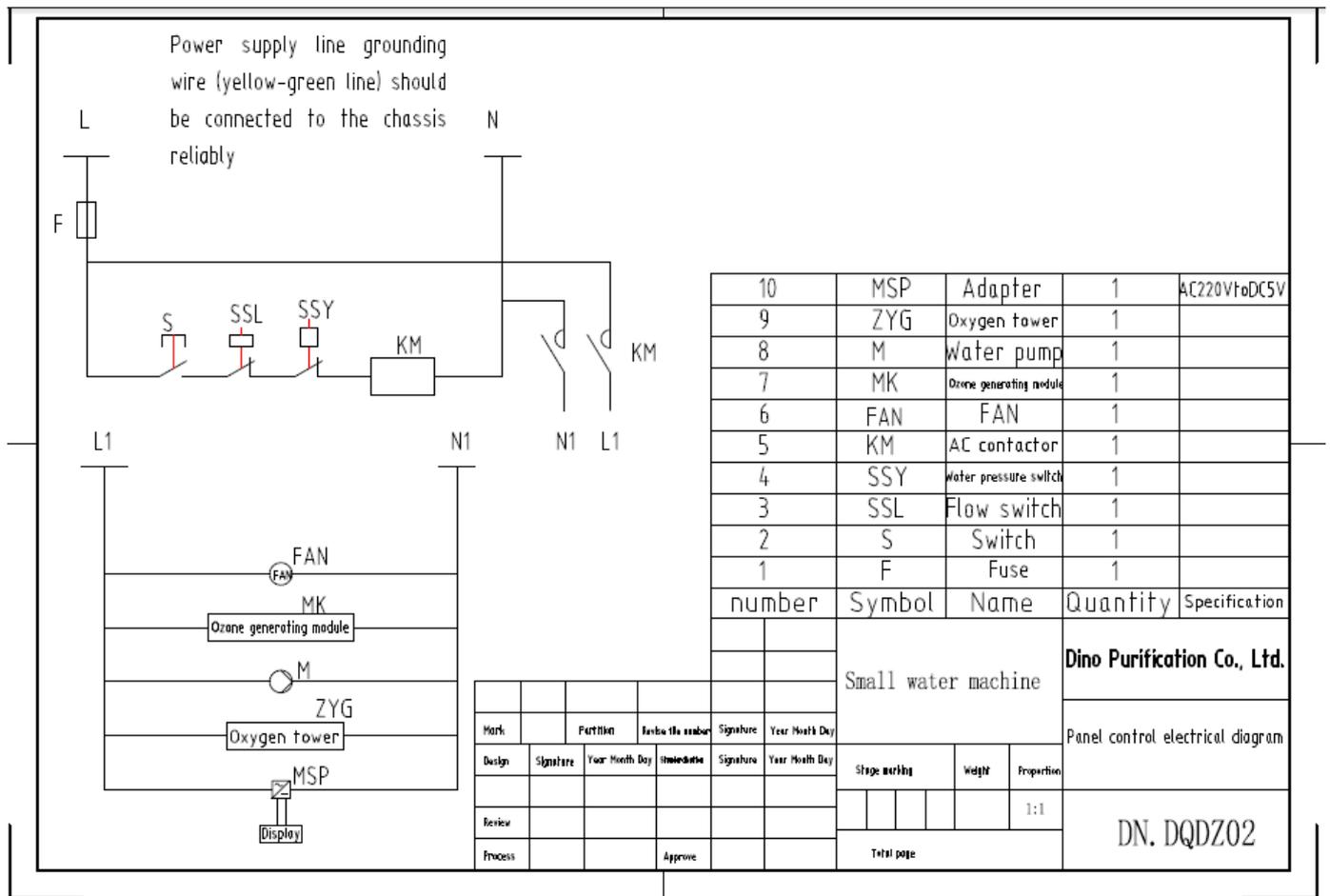
Product damage by human during transportation;

Product damages due to unauthorized operation unless instructed by our company or our authorized distributor;

Product damages due to high humidity working environment or flooded by water;

Fail to provide proof of purchase or warranty card.

# Scheme of Electrical





### Warranty Card

Customer name		Contact	
Purchased date		Phone/Tel	
Product name		Model	
Address			
Factory series No.			
Maintenance record	Date	Fault cause and treatment	

**Note:** Please fill in the table and send the card to our company.  
After receiving this form, we will confirm to you and the warranty is valid.

