



Zenva Brand ZH/ KXD-Y100

Medical Plasma Air Disinfector

User Manual

Shanghai Zhenghua Medical Equipment Co.,Ltd

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1. Product introduction

The machine is composed of primary effect filter, fan, plasma generator, etc. the air is sterilized by plasma with fan, and the whole space is sterilized by multiple cycles.

Main bactericidal factor: plasma.

Sterilization principle: kill bacteria in the air by plasma.

Microbicide category: it can kill common bacteria in the air.

2. Use Scope

It is suitable for air disinfection in the state of medical and health institutions and public places.

3. Use Method

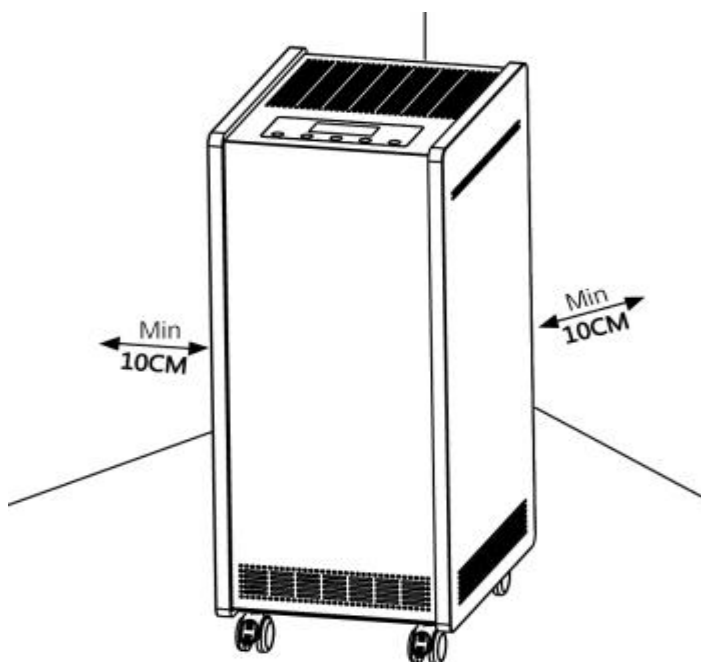
In a confined space of not more than 100m³, at room temperature and relative humidity of not more than 80%, continuous start up for more than 60 minutes can meet the requirements of air disinfection. See the Quick Start Guide for detailed usage.

4. Performance

Model	ZH/KXD-Y100
External size (mm)	325×420×825
Weight (kg)	25
Rated air volume (m ³ /h)	1000
Noise (dB (A))	≤55
Plasma intensity (KV)	8
Applicable volume (m ³)	≤100
Working hours (min)	≥60
Power (W)	110
Lifetime (Year)	5 year

5.Installation

This machine is a mobile model, which can be used in multiple rooms. The location should be firm, not susceptible to vibration, and sufficient to bear the weight of the unit. Choose a location that is not close to the heat source and steam source, which will not cause obstacles to the unit's air in and out Place; choose the place where the wind can be sent to every corner as much as possible; choose the place near the power outlet, and leave enough space near the machine.



6.Attentions

- ① Please read the instructions carefully before use.
- ② Use a standard three-core single-phase power socket with a power supply voltage of 220V and good grounding.
- ③ Do not put parts of other manufacturers in the machine.
- ④ Unplug the power plug before cleaning and maintenance
- ⑤ Do not allow the electrical system to get wet during cleaning to avoid accidents and malfunctions.
- ⑥ The machine will occasionally emit a crackling sound during use, which is a normal phenomenon. Troubleshooting.

- ⑦ Non-professionals are strictly prohibited to disassemble the machine
- ⑧ When moving on flat ground, gently push the middle part of the device with your hand to move slowly.
- ⑨ When moving up and down the elevator, pay attention to the protection of the casters, and if necessary, lift the side of the equipment slightly.
- ⑩ When stepping up and down stairs or moving on rough and uneven ground, the equipment should be moved up.。

7.Maintenance

1. Remove the power plug before cleaning and maintenance.
2. Do not damp the electrical system during cleaning to avoid accidents and faults.
3. Maintenance period

Component	Period		Method
	General occasions	Special pollution occasion	
Primary filter	12 months	6months	Open the cover and take it out to clean or replace it
Plasma generator	2 years	1 year	Please inform our company to send professional personnel for cleaning and maintenance
Component	Period		Method

Note: special pollution occasion refers to the occasion that smoke room, newly decorated room, chimney, construction site and other pollution sources cause sharp increase of indoor dust.

8.Trouble shooting

Error code	Error description	Error handling
Alarm 1	Fan error	Cut off the power supply and contact the manufacturer
Alarm2	Plasma generator error	Cut off the power supply and contact the manufacturer
Alarm5	Temperature and humidity error	Cut off the power supply and contact the manufacturer
Alarm6	Communication error	Cut off the power supply and contact the manufacturer
Alarm7	Cleaning alarm, 1000 hours in total	Cut off the power supply and clean the primary filter.Press and hold the "Cancel" key of the remote control to clear the alarm

The sterilizer has automatic fault alarm function, and fault code description:

Here is a summary of the problems you may encounter when using the product.

Problem	Possible solutions
After the new machine is started, the air outlet is not ventilated.	Please check whether the power supply is connected and whether there are sundries blocking the air inlet and outlet.
The product is turned on but the key cannot be operated.	Check whether the product is in child lock state. If so, press and hold the "lock" key of the remote control to unlock the key.
Remote control not	Check whether the remote control battery insulating strip is

available	removed.
The product is too loud.	Please check whether the air inlet is blocked by foreign matters and whether the screws of the cover plate are loose.

If the machine can not operate normally after the above factors are eliminated, the power supply shall be cut off and the maintenance department of the company shall be contacted.

9.After-sale Service

1. This product is warranted for one year from the date of sale (the warranty period shall be subject to the sales contract). In case of failure within the warranty period, which is identified as a quality problem by the company, the company shall be responsible for free repair. If the damage is serious and cannot be repaired, it shall be replaced.
2. Consumable materials are not covered by the warranty, and the material cost shall be borne by the user.
3. After exceeding the warranty, the company will provide lifelong maintenance services for the products, and the customers need to pay maintenance fees and material fees.
4. Under any of the following circumstances, it is not within the scope of free service, but it can be repaired by charging.
 - A. Damage caused by improper use, maintenance and safekeeping of consumers;
 - B. The whole machine and parts have exceeded the free warranty period;
 - C. Damage caused by dismantling by itself or by non maintenance department of our company;
 - D. The model of the three guarantee certificate does not conform to the model of the maintenance product or is altered;

E. Damage caused by force majeure such as natural disasters;

F. Product failure or damage due to unexpected or human factors.

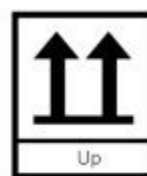
In order to ensure the quality of your products, you must inform us within 15 days from the date of purchase, Consumer rights and interests, please take good care of the product packaging within 15 days, so that the machine can be shipped back.

10.Storage And Transportation

Storage temperature: - 35 °C to + 50 °C

Storage humidity: no more than 80%

Transportation conditions:



11.Packing list

No	Name	Unit	Qty	Remark
1	Medical plasma air disinfectant	set	1	
2	Quick guide	pcs	1	
3	User's manual	pcs	1	
4	remote control	pcs	1	Battery inside
5	Certificate	pcs	1	
6	Power line	pcs	1	

Focus on air treatment
Dedicated to healthy breathing!

Executive standard: Q31/0115000733 C002-2019

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