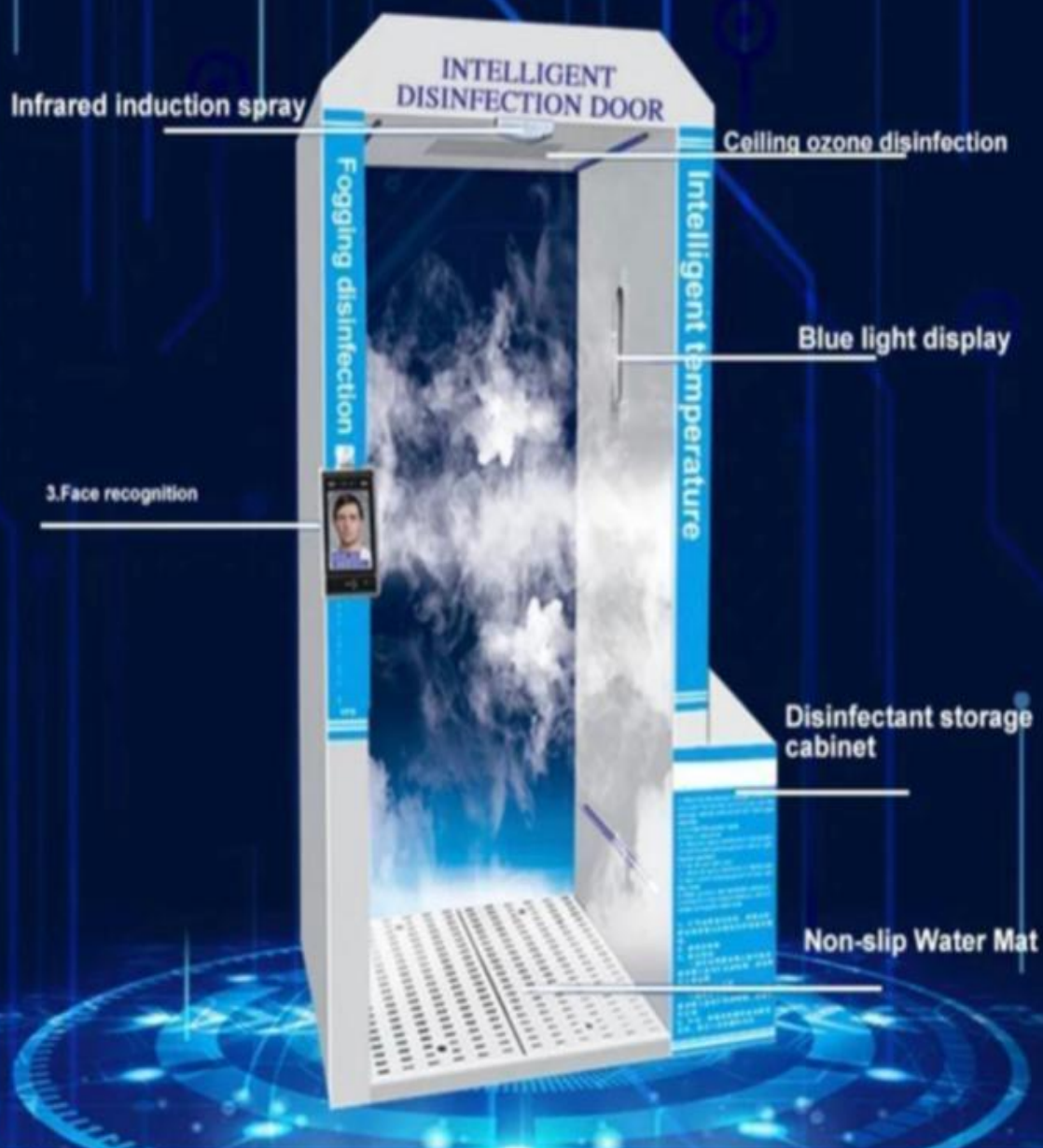
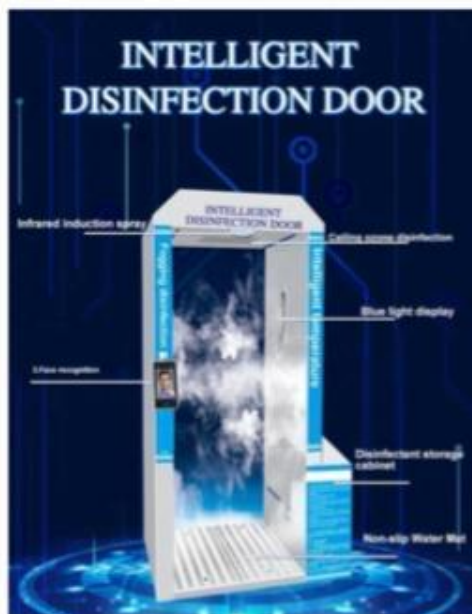


INTELLIGENT DISINFECTION DOOR





A unique walk-in portal which is a one-stop temperature detection and whole body

THERMAL IMAGING THERMOMETER

At the entrance of the portal is a visual scanner that uses high-precision infrared spectrum sensor to measure body temperature without contact. A voice-prompt will announce the temperature of the person. If the temperature is within the normal range it will give a green light signal and the person will then walk through the portal to be disinfected. However, if the person's temperature is higher than the normal range, it will signal with a red light and an alarm and the person can immediately be stopped from going further.

THREE-IN-ONE ALL OVER DISINFECTION FOR 99.9% EFFECTIVENESS

This Portal disinfects in three ways so as to make sure the whole body gets covered. It is recommended that once a person enters the portal, the person makes two to three slow complete turns to allow for the different disinfectants to work.

AUTOMIZATION DISINFECTION

A sensor detects when a person is at the entrance of the portal and automatically starts the mist unit to spray a very fine solution of Isopropyl alcohol mist disinfectant as the person walks in. It is recommended that 70% alcohol and 30% water is used as studies have shown that this ratio is one of the fastest way to kill pathogenic microorganisms. Once alcohol concentrations drop below 50%, usefulness for disinfection drops sharply. Notably, higher concentrations of alcohol don't generate more desirable bactericidal, virucidal, or fungicidal properties as the presence of water is a crucial factor in destroying or inhibiting the growth of pathogenic microorganisms with isopropyl alcohol. Water acts as a catalyst and plays a key role in denaturing the proteins of vegetative cell membranes.

A balanced spray method is used in the disinfection channel hence there is no direct spraying in the face or other body parts. The mist unit stops automatically when the person leaves the portal and there is no one behind.

UV DISINFECTION

Comes from the side panels along with the Automization Disinfection. This device uses UV-C light as the source of its disinfecting power which can kill over 99% of viruses, bacteria and fungi in an extremely short amount of time.

OZONE DISINFECTION

Comes from the top of the Portal. Ozone is one of the most powerful disinfectants. It is 50 times more effective at disinfection compared to the most popular disinfectant – chlorine, and the effects of its action are visible 3,000 times faster. The main advantage from the utilization of ozone to disinfection is the fact that ozone is generated on-site and only when needed.

Automization disinfectant Storage Tank

It is equipped with a large-capacity liquid storage tank, with a liquid alarm prompt function to avoid damage to the atomization equipment due to lack of liquid. The portal has a status reminder that displays liquid shortage, light, voice, etc.,

There is a circulation tank at the bottom of the portal which collects and processes any excess disinfection liquid.

Simple and fast installation

Comes fully assembled. Fill up Storage Tank with appropriate disinfectant, power up and its ready to use. The portal uses 110v household AC power.

Dimension: 4' x 2.6' x 7.6' Weight : 396 lbs

PORTABLE ROOM FOG DISINFECTANT



The use of hypochlorous acid with strong oxidizing property is effective on microorganism particles to effectively eliminate viruses.

Electrolysis disinfection water generator

Sterilizing Rate 99.9%

Diagram illustrating the electrolysis process: $2\text{H}_2\text{O} + 2\text{Cl}^- \rightarrow \text{H}_2 + \text{Cl}_2$, $\text{Cl}_2 + \text{H}_2\text{O} \rightarrow \text{HClO} + \text{HCl}$, and $\text{HClO} + \text{H}_2\text{O} \rightarrow \text{H}^+ + \text{ClO}^-$. The resulting HClO and ClO^- are shown as disinfecting agents.

Low cost and excellent performance

The cost of electrolytic atomization sterilizer is low, less than 1/10 of the cost of conventional disinfectants. Can replace 90% of the use of existing disinfectants, environmental protection and cost apportion.



Simple disinfection in four steps

OPERATION



1 Open the lid and add water



2 Add edible salt (2g salt in 1L water)



3 Alignment installation after tank reversal



4 Plug in the power supply and disinfect immediately



Playground



Office



Meeting Room

Port

Supermarket

Store