First Blockchain Certified
Automated Sanitization

Let H-Fog keep your space

# 99.9%

Virus, Bacteria Free
with International Lab Test

**12** Seconds Fogging Time
*per 20 sq mtr*

**100%** Surfaces Treatment

**Always** Ready For Use

OTTO solutions

SIMPLE HEALTH TECH
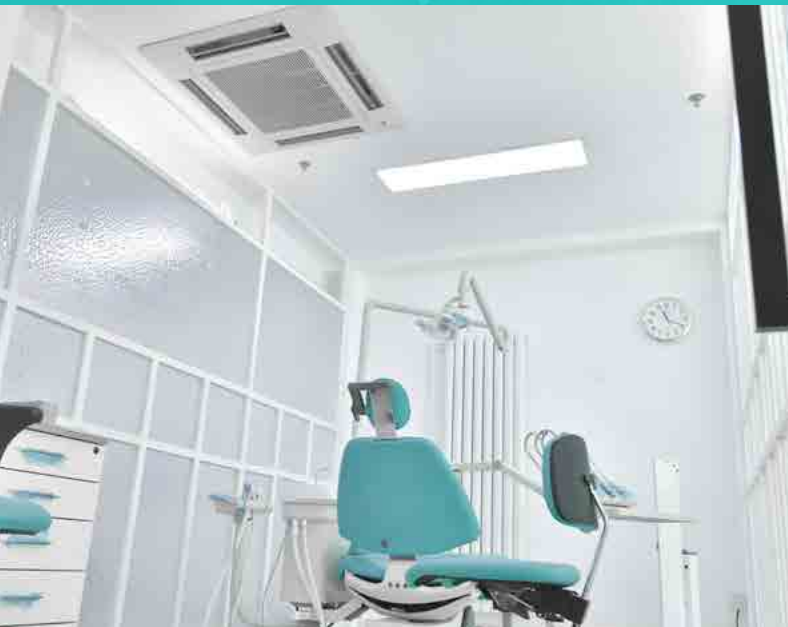
contact@ottosolutions.sg

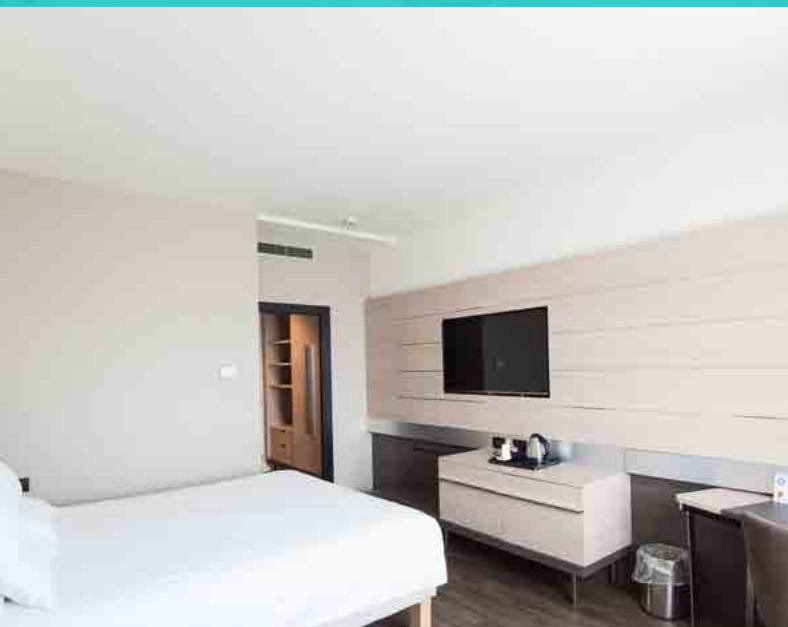# Suggested Places You Can Deploy To:


OFFICES


CHILDCARE CENTRE


CLINICS


GYM


HOTEL


CINEMA

# TECHNICAL DATA SHEET

## MAIN FUNCTIONALITIES

H-Fog is an Innovative BoT (Blockchain Of Things) device which has been designed to execute Automated Sanitization treatments on a regular basis to create secure working environments for employees. users, guests or patients.

It works on the principle of High Temperature and High Pressure Vaporization of a Certified Sanitization Liquid, to guaranttee the quick treatment of 100% of the surface **per 150sqm.**

**It is totally operated through the H-Fog APP.**

## MECHANICAL SPECIFICATIONS

- Dimensions: 320mm x 608mm x 110mm (WxHxD)
- Weight: < 7 Kg (without internal SMART BAG containing the Sanitization Liquid)
- On Wall Fixing: included in the package the WALL FIXING BRACKET
- Front Panel in Silk printed tempered GLASS (with Optional Custom Graphic Design)
- Hidden Internal Drop-down Drawer containing H-Fog SMART BAG with Sanitizing Liquid. Secure unlocking allowing quick replacement of SMART BAG (within 20 seconds)

608mm
119mm
320mm

## POWER SUPPLY

- 230V AC (Line + Neutral + Ground)
- ENERGY CONSUMPTION:
  STAND BY: < 1W
  HEATING MODE (max 12min before the treatment): <1000W
- Power Cable included for standard Schuko Wall Socket plug IN
- Universal AC Input / Full Range
- Protections: Short Circuit / Overload / Over Voltage
- Compliance to IEC/EN 60335-1 (PD3) and IEC/EN 61558-1,2-16 for Household Appliances

# COMMUNICATION

- 4G/LTE modern embedded: LTE, UMTS (DC-HSPA+,HSPA+, HSPA, WCDMA), GSM/GPRS/EDGE (no Internet contract or WI-FI router required)
- WIFI - 802.11b/g/n
- RFID and NFC reader (to read and write the Integrated RFID tag into the SMART BAG)
- Bluetooth 5.0 - Mesh
- Buzzer for Audio Feedback
- Front Panel RBG LED for Visual Feedback

# OPERATING CONDITIONS

- Storage Temperature: -20C° / +55C°
- Storage Humidity: 10% - 93%
- Operating Temperature: +5C° / +40C°
- Operating Humidity: 20% / 90%

# H-FOG APP

Configuration and Operation completely managed through the H-Fog APP

- Multiple H-Fog devices grouping to handle large areas treatments with multiple synchronized devices
- Algorithm to calculate the correct dosage of liquid to be vaporized based on Room Surface to be treated
- Customizable App checklist to meet your operational requirements
- Count Downs for time left after Treatment Started and after Sedimentation Time Started
- Alarm for H-Fog SMART BAG nearly empty
- Alarm for H-Fog Device not reporting to SIMPLE Cloud Supervision
- Alarm for Un-Authorized removal of H-Fog SMART BAG

# SANITIZATION LIQUID

- H-Fog Sanitization Liquid based on Hydrogen Peroxide with 13% concentration supplied in NON RE-USABLE Sealed / Vacuum Bags
- Secure / Plug&Play Connector to Plug IN the H-Fog SMART BAG to the Internal Hydraulic Pipe
- H-FOG SMART BAGS with Blockchain Encrypted RFID TAG incorporated to guarantee authenticity of the Sanitization Liquid
- Smartbag liquid level monitored from the cloud
- Storage temperature: +5 / +40C°