Universal for Use in Any Place

Hospitals (operating rooms)

Hospitals (patient rooms)

Hospitals (waiting rooms)

Food processing facilities

Kitchens, kitchen sinks

Kindergartens, classrooms

Transportations (railways, buses, ships)

Offices

Dry-Fog HIGNOW®
Backpack Disinfectant and Deodorizer Sprayer

Dry-Fog HIGNOW® precisely disinfects and deodorizes any area without causing wetting.

- Smoke-like Dry-Fog* reaches every corner, attacking bacteria.
- Capable of spraying continuously for 40 minutes with lithium-ion batteries.

*A very fine fog with a uniform, mean droplet diameter of 10 μm or less.

Specifications of the products and contents of this leaflet are subject to change without prior notice for purpose of product improvement.

Please feel free to send any inquiry, request for information or quote on this product to the contacts below.

Headquarters
Daiichi Kyogyo Bldg., 1-15-15, Awaza, Nishi-ku, Osaka 550-0011, Japan
Tel: 81-6-6538-4015 Fax: 81-6-6538-4022
E-mail: overseas@kirinoikeuchi.co.jp
URL: https://www.kirinoikeuchi.co.jp/eng/

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https://www.kirinoikeuchi.co.jp/eng/company/location/
For Quick and Easy Disinfection and Deodorization  

Dry-Fog HIGNOW®

Numerous invisible bacteria float in the surrounding air. Dry-Fog HIGNOW® disinfects whole the space with non-wetting fog. Hassle-free unit operable by anyone just by pressing single switch.

01 Excellent Features of Dry-Fog

Reaches bacteria lurking in corners or floating in the air. “Dry-Fog” doesn’t wet people or objects, and doesn’t require a drying process.

Disinfection test by Dry-Fog spray  
(at a Japanese national university hospital)

Comparison of fog droplets  
(50X)

Spray ON  
10–15 minutes later

By conventional sprayer  
Dry-Fog

Instantly filling up a room with fog so as to let a person feel being in the midst of cloud, disinfects every corner of the room. A very fine and uniform fog with no large droplets doesn’t wet people or objects.

Dry-Fog HIGNOW® performs effective disinfection in such places with or occasions as below:

☐ Power source not nearby
☐ Want to sterilize high ceiling as well at once
☐ Many blind spots
☐ Quick sterilization in an emergency
☐ Uneven floor
☐ Want to do deodorization as well as disinfection

02 High Disinfecting Effect

High disinfecting effect proven by on-site monitoring results of bacteria at the height, floor, and narrow paths.

The article describing the effect was presented in the USA.*

Dry-Fog nozzle  
(Patented nozzle: AKIJet®)

Spray capacity: 2.0 liters/ hour  
Mean droplet diameter: 10 μm or less*

Lithium-ion batteries (12 V x 2 = 24 V)

Continuous operation time: approx. 40 minutes
Recharge time: approx. 120 minutes

Material: Stainless steel 304
Capacity: 1.3 liters

Body: 12.4 kg (full tank), 11.2 kg (empty tank)

Long-reach rod and gun part: approx. 0.7 kg

Body: W 320 x D 285 x H 725 mm (Width x Depth x Height)
Long-reach rod: approx. 780 mm

03 Easy-to-use First

Reduces stress in working over a long time, by dispersing load on shoulder and back. Elaborate design for easy-to-use.

04 Specifications

Spray ON/OFF switch
• Spray Start/Stop just by pushing the switch.
• No need to pull the lever of the gun to spray.

Shoulder harness
• Ideally disperses load on shoulder and back.
• Ergonomic design doesn’t give the feeling of being weighed down.

Battery
• LED indicator displays remaining battery power.

Shut-off adaptor
• Prevents dripping from the nozzle when spray stops.

Reach rod (lance) of double pipe structure
• Long-reach rod helps sterilization from the floor to the ceiling all at once.

Controller
• Designed for operation with low energy consumption.

Lithium-ion battery
• Top-level long-life and safety in the industry.

Spray ON
10–15 minutes later

Disinfection test by Dry-Fog spray  
(at a Japanese national university hospital)

By conventional sprayer  
Dry-Fog

Dead-infectant  
Hypochlorous acid water 200 ppm

Bacteria  
Staphylococcus aureus

Spray distance: 800 mm  
Spray duration: 5 seconds

Spray Start/Stop just by pushing the switch.
No need to pull the lever of the gun to spray.

Facation: Wear appropriate safety glasses, mask, etc. for protection against disinfectant.

*Evaluation of an Automatic Fogging Disinfection Unit (Environmental Health and Preventive Medicine Vol. 6, No. 3, October 2001.)