

FIRE ISOLATOR

Datasheet Watermist Lance set

Product description

Fire Isolator's Watermist Applicators provide an effective solution for firefighting in high-risk situations, including EV battery and container fires. Using fine water mist, they rapidly cool the fire, reduce heat and suppress toxic vapors while limiting damage.

The Watermist Lance (FI-WMLANCE) can be used to spray water mist over a fire blanket deployed on a burning EV. This wets the blanket and makes it more airtight, helping contain the aerosol agent and toxic vapors underneath the blanket while cooling the vehicle and surrounding area. The lance is also designed for enclosed and confined spaces, including container fires onboard vessels. It allows water mist to be introduced directly into a container for effective cooling and fire suppression.

Under SOLAS II-2/10.7.3, applicable container ships constructed on or after 1 January 2016 are required to carry at least one water mist lance.

Pictures



Dimensions & Specifications

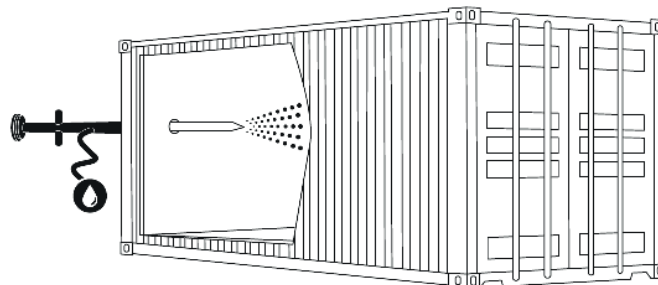
Art.no: FI-WMLANCE
Dimensions: 300 x 1350 x 22 ø mm

Lance material: Shaft: SS 304 /Top: PE-Coated
Nozzle material: SS 316
Nominal flow rate: 90L/min @ 8 bar
Ball Valve: Stainless steel
Impact hammer: 45# steel (nickel-plated surface)
Drill size: ø 19mm, 77mm in depth
Impact Hammer: 478mm lenght, 2.5 kg

Connection end:

- 1" male thread without the ball valve
- 1" female thread with the ball valve

Pictures



ABS Approved and meets requirements in SOLAS regulations II-2/10.7.3

How to use

- 1. Fire Blanket** – Cover the EV with a Fire Blanket to isolate and control the fire.
- 2. Aerosol Units** – Deploy the aerosols to suppress flames and help reduce temperature.
- 3. Watermist Lance** – Spray a fine water mist evenly over the blanket to cool the EV and reduce smoke/ toxic fumes.

Always follow our training and safety procedures.

Pictures



Visit our website:

FIREISOLATOR.COM