

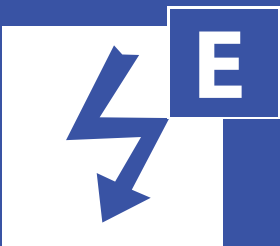
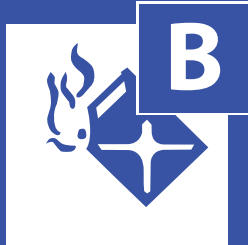
JEWEL[®] **FIRE SYSTEMS** **H-SERIES**



100% Environmentally friendly
Low pressure Dry Mist System
www.JewelFireSystems.com



Designed For:



Not Suitable For:



H SERIES

The H-Series is a portable Stand-Alone Hose Reel System, for general and specialist locations where previously little choice has been available. Safe for discharge by non-fire trained personnel; the H-Series is an efficient, user friendly fire fighting solution.

NEW: Low Pressure Dry Mist Technology

Based upon patented Dry Water Mist the H-Series is unique in the protection against fire. Using advanced Dry Water Mist Technology the system not only extinguishes fires but also prevent re-ignition. The use of Dry Water Mist ensures no flooding or collateral damage to the source area.



Technical Summary

Design & Specification

The H-Series System is a pre-specified system. Selecting the correct model should take into consideration the location infrastructure, including mains supplies, likely usage and discharge time required.

- H100 Series: self contained Hose Reel System
- H200 Series: mains supplied Hose Reel System with foam additive
- H300 Series: mains supplied Hose Reel System

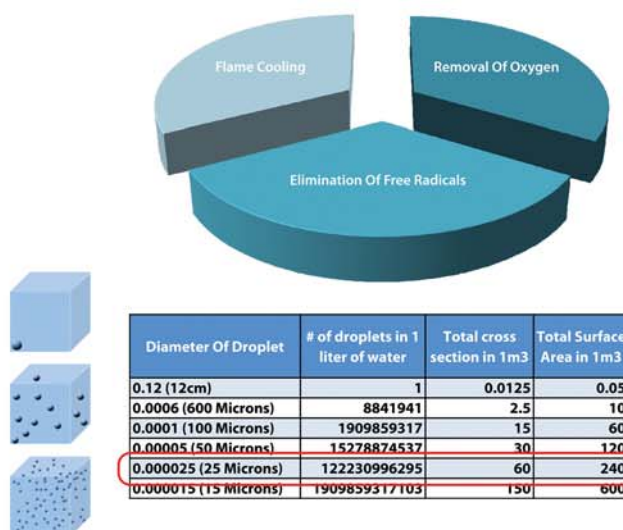
Agents

Low Pressure Dry Water Mist

Our unique patented Dry Water Mist operates at low pressure*. Atomising water into billions of droplets from as small as 25 microns in size. Designed to maximise fire fighting time and using a minimum amount of water, the H Series means that down-time and collateral damage are significantly reduced. The NEW technology turns the water, through the Mist-System into fog; at the point of contact with the risk source, the fog turns into steam, evaporating and becoming dry in the event of a fire, significantly reducing damage to the risk area.

Agent Options:

- Foam



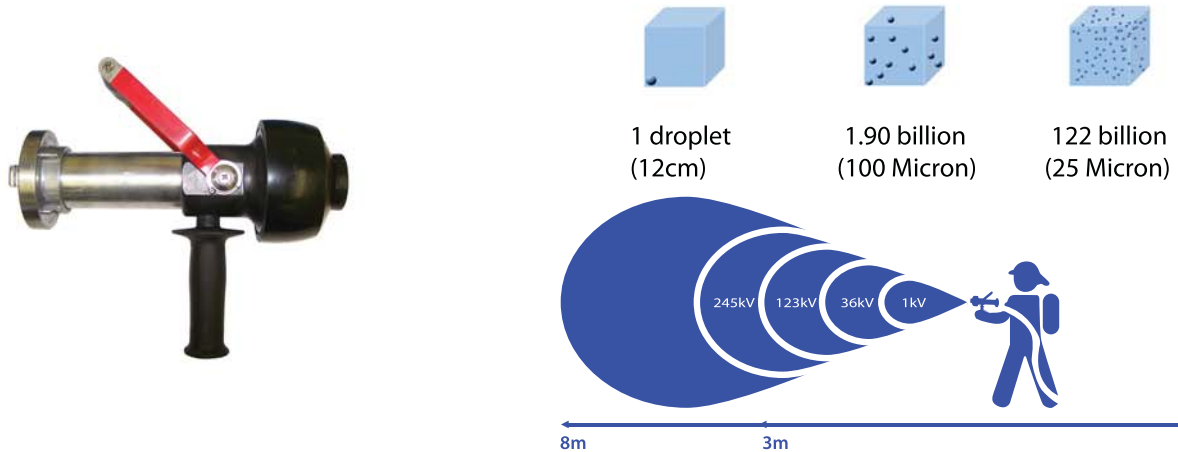
* System Mechanics

System specification range:	25-100 Micron
Overall system operating pressure:	4 Bar

Technical Specification

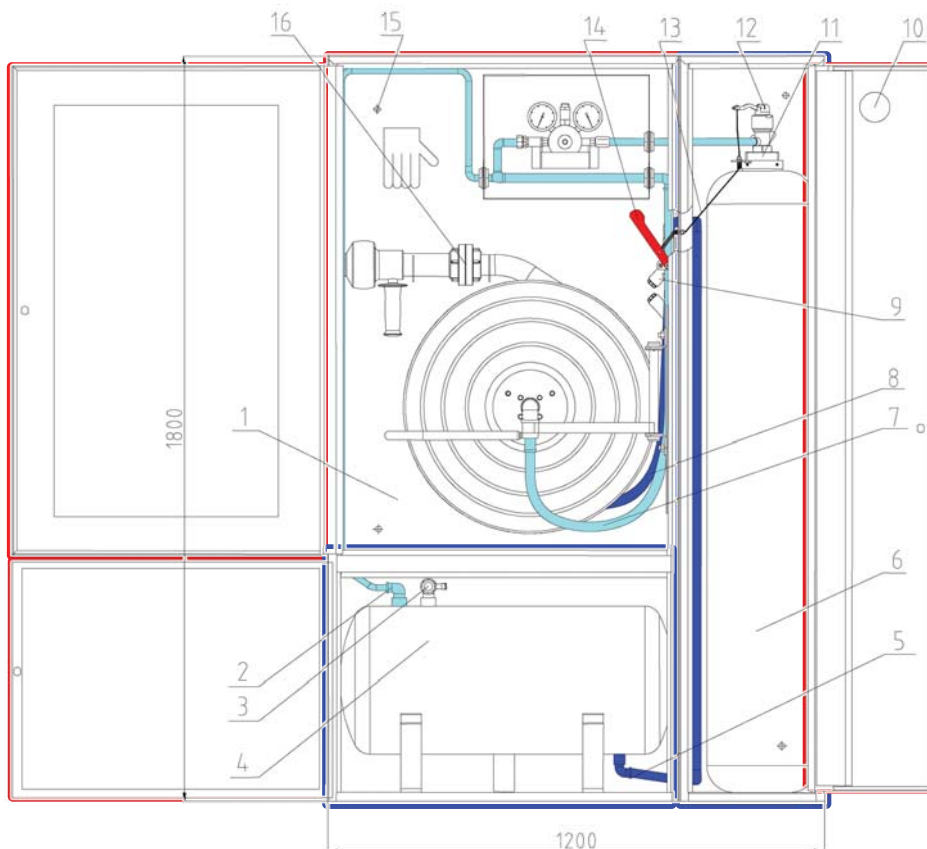
Low Pressure Supersonic Water Mist Nozzle

25 to 100 Micron Dry Mist Technology



System Activation: The Stop-Start Lever activates the H-Series and provides directional control for the operator during discharge; ensuring that the fire is fought efficiently with a minimal amount of water.

System Discharge: Super-Sonic Nozzle Technology, fed by the twin pipes housed within the hose, combine the dual agents causing a high speed collision at the point of discharge. The collision and discharge technology create a 'fine mist' external to the nozzle head, quickly extinguishing the source fire.



1. Cabinet Housing
2. Pressure Release Valve
3. Water Intake Cover
4. Water Tank
5. Water Pipe Assembly
6. Pressurised Gas Cylinder
7. Gas Line Connector
8. Water Line Connector
9. Water Pressure Regulator
10. Cabinet Door Key Compartment
11. Cylinder Valve
12. Valve Safety Pin
13. Actuation Unit
14. Actuating Lever
15. Openings For Dowels (4 x O 10)
16. Nozzle Connector - Base 52



Installation & Maintenance

Installation can be carried out by the manufacturer, a representative agent or by the user. Commissioning should be carried out by an authorised dealer/distributor.



Maintenance should be carried out in accordance with the manufacturer's warranty guidelines; which are defined according to the system specification.

Applications

'Clean Room' Environments (Laboratories)

Catering & Food Production Environments

Commercial and Public Buildings

Cultural & Heritage Site Protection

Hazardous & High-Risk Environments (Chemical)

Hospital & Healthcare Environments

Information Technology Locations (Server Rooms)

Marine & Offshore Applications

Mechanical, Machinery & Production Environments (Industrial)

Public Transportation & Transportation Environments (Rail, Bus & Stations)

Specialist Power and Energy Generation Facilities

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