



### Product Description:

The DualMIST **DM3** pendant nozzle is to be installed in conjunction with the DualMIST low-pressure water mist EDA system. The nozzle has undertaken stringent fire testing by the globally recognised third party BRE Global to commercial & industrial water mist standards.

### Activation:

In a fire condition, smoke activates local double knock smoke detectors which trigger the DualMIST EDA panel to open inline solenoid valves, thus releasing water into multiple nozzles to create a zonal deluge which then extinguishes or controls the fire.

### Performance:

The nozzles' dual suppression technology produces remarkable results via multiple jet type ports giving a 30m<sup>2</sup> coverage per nozzle.



### Technical Details:

Nozzle Reference: **DM3**  
Bulb Temperature Rating: **N/A**  
K Factor: **29**  
Typical flow rate / pressure: **65 L/min @ 5 bar**  
Minimum Working Pressure: **4 bar**  
Maximum Working Pressure: **10 bar**  
Factory Pressure Test: **30 bar**  
Standard Adapter Thread Size: **15mm BSP**  
Strainer: **Yes**

### Finishes:

Brass (Natural)  
Brass (Nickel Plated)  
Brass (Gold Plated)

### Accessories:

Single Piece Escutcheon (Rosette)  
DM3 Nozzle Installation Tool

### Approval:

Third Party Approval Organisation: **BRE GLOBAL**  
Date of Testing: **November 2015**  
Fire Test Undertaken: **BS 8489-7**

### Design Parameters:

Style: **Pendant**  
Maximum Spacing: **5.5m centres**  
Maximum From Boundary: **2.75m centres**  
Minimum Spacing: **1m centres**





### Installation:

1. The **DM3** nozzle must be installed and maintained in compliance with this document and according to the standards, or the requirements which are specified by the Authority Having Jurisdiction. It is the installers responsibility to conform to such standards and requirements, deviations from the requirements will void any warranty.
2. To ensure that the minimum flow requirement is met the system piping must be correctly sized.
3. To avoid mechanical damage the nozzles must be installed after the piping is in place. Any damaged nozzles must be replaced.
4. The **DM3** nozzle is to be installed in the pendant orientation only.
5. Hand tighten the nozzle into the fitting, then use the **DM3** nozzle installation tool to tighten the nozzle into the fitting.

### Care & Maintenance:

1. Nozzles must be carefully handled
2. Nozzles must never be painted, plated, coated or otherwise modified after leaving the factory.
3. The nozzles should remain packaged as supplied by the factory until the time of installation.
4. Do not install nozzles which have been dropped or damaged in any way.
5. Installed nozzles should be inspected by a competent person through the life time of the nozzles.



### Warranty:

From dispatch a 12 month warranty period is in place.  
For full details please refer to our standard terms & conditions.