



Dual MIST

Merlin Way
Quarry Hill Industrial Estate
Ilkeston
Derbyshire DE7 4RA

DM4-R

WATER MIST NOZZLE DATA SHEET

Product Description DM4-R

The DualMIST **DM4-R** pendant nozzle is suitable for installation within exposed pipework, false ceilings and voids. The nozzle is approved by the Loss Prevention Certification Board (LPCB) and is listed within the 'Red Book' which can be viewed at RedBookLive.com

Activation

In a fire condition, heat causes the fluid in the thermally actuated glass bulb to expand, which shatters the glass, thus releasing water into all ports, which then extinguishes or controls the fire.



Installation

Nozzles must be handled with care and fully inspected for damage prior to installation. Nozzles that are damaged must be replaced.

Prior to installation check the glass bulb for any cracks or leakage. A small air bubble should be present, which when tilting the nozzles moves back and forth. If the bulb is damaged do not install the nozzle.

Dualmist nozzles should be only be fitted utilising the Dualmist nozzle key (provided with order). Please see the [DIOM handbook](#) for detailed installation instructions. Training courses can also be provided.

Technical Details:

Style	Pendant
Approvals	LPCB
Standards	Tested and Approved to BS:8458
Nozzle Dimensions	Length under finished ceiling: 40mm Total Length: 68mm, Diameter: 38mm
K-Factor	22
Flow Rate	50 Litres per minute at 5 bar
Nozzle Material	Brass CZ121, Stainless Steel 304
Thread Size	½" BSPT
Strainer	10mm Diameter, 0.8mm hole size
Activation (Bulb) Temperature	68°C Standard
Standby Pressure Range	5-10 bar
Minimum Working Pressure	5 bar
Maximum Working Pressure	12 bar

Accessories:

Escutcheon plate (not included) available in flat (white only) or indented (black or white). Optional blowoff cap (not included) , available in black or white.



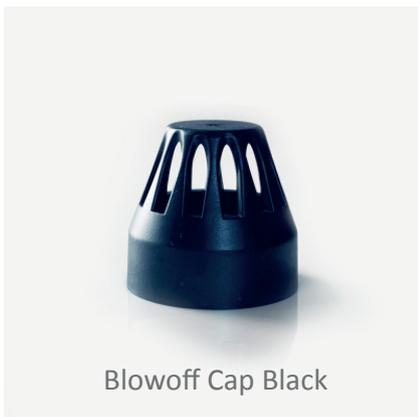
Blowoff Cap White



Indented Rosette White



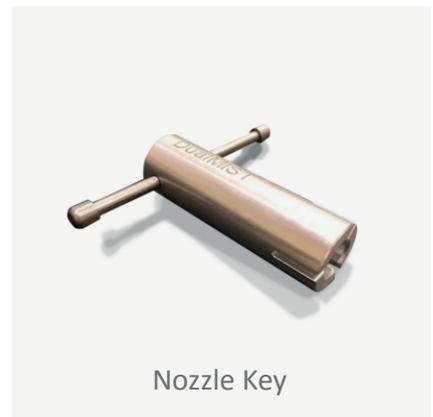
Flat Rosette White



Blowoff Cap Black



Indented Rosette Black



Nozzle Key

Care & Maintenance:

1. Nozzles must be carefully handled and stored where temperatures will not exceed 100°F/38°C
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.