



MARSOL
TECHNOLOGIES

ROTO-SPRAY DELUGE NOZZLE



WATER - FOAM - CAFS - WETTING AGENT

ABOUT MARSOL

MARSOL Technologies, Inc., based in Houston, Texas, USA, specializes in designing, manufacturing, and implementing firefighting, safety systems, and related products for onshore, offshore, and marine industry applications. Our ethos is centred on delivering solutions that exceed minimum compliance requirements and ensure safety critical performance.

PRODUCT SERVICE SUPPORT

- ☞ Spray Nozzles
- ☞ Foam / Deluge Skid
- ☞ Foam Concentrates
- ☞ Control Equipment
- ☞ Custom Engineering
- ☞ System Integration
- ☞ Factory Approval Testing
- ☞ Field Service and Technical Support

PRODUCT OVERVIEW

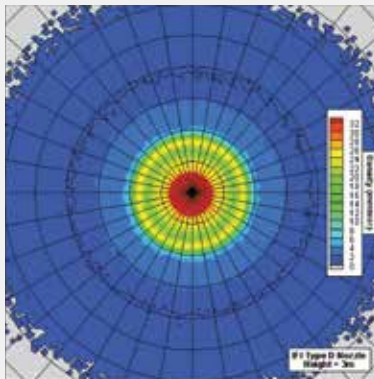
The Roto-Spray Deluge nozzles utilize patented fog and rotor technology to suppress fires, prevent explosions, and contain them. They are installed on fixed fire protection systems to apply water, foam, or wetting agent on various surfaces, protecting against adjacent fires and controlling hazards. Unlike conventional deluge nozzles, they boast a rotor enhancing droplet velocity and distribution, offering better suppression. They emit a wide-angle water curtain and forward direction for extended reach, operating between 25 psi to 175 psi. Made of Stainless Steel and Kevlar Composite, they can be mounted vertically or horizontally with NPT threading, featuring a fog pattern for superior protection.



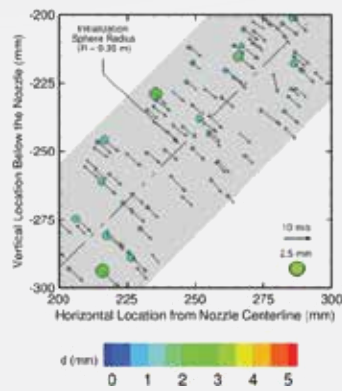


APPLICATION

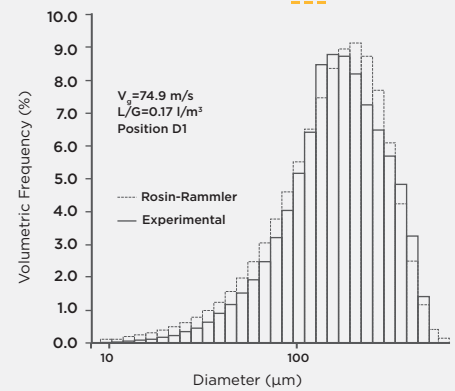
- TRANSFORMER STATION
- SPHERES, TANKS, VESSELS, WELL HEADS
- TUNNEL FIRE PROTECTION
- AIRCRAFT HANGAR
- FUEL STATION AND LIQUID RACK STORAGE
- TRAIN / METRO STATIONS



SPRAY DISTRIBUTION - SPRAY SHAPES ARE OPTIMIZED FOR EVEN COVERAGE!



DROPLET SIZES ARE OPTIMIZED FOR EITHER FUEL COOLING OR FLAME COOLING



MOMENTUM - INJECTION IS OPTIMIZED FOR FIRE PENETRATING FORCE!

SPECIFICATION

Nominal K-Factor	2.5 / 7.3 / 9.0 / 10.2 ± 0.25
Strainer	Included in assembly
Min. and Max. Working Pressure	7 to 175 PSI
Nominal Spray Angle	170°
Installation Positions	Horizontal or vertical (0° to 180°)
Spray Coverage	24 ft. wide and out to 25 ft.
Rotor Types	A and D



OFFICES

Head Quarters

Marsol Technologies, Inc.

14331 Spencer Road (FM-529),
Houston Texas - 77095, USA.

Middle East

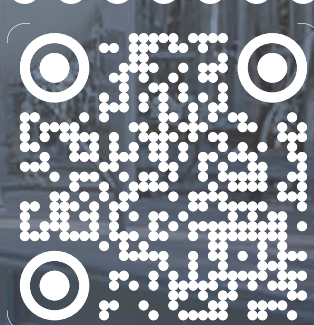
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