

# Introducing Low Pressure Water Mist Nozzles



## Advantages of Low Pressure Water Mist

Fire suppression systems from Prevent Systems are based on low pressure water mist technology. Low pressure water mist offers a large number of advantages both to specialists and users. Advantages which make the solutions attractive compared to traditional systems.



### Efficient Fire Suppression

Comprehensive fire tests speak for themselves: Our water mist systems control and extinguishes fires at least as good, or better then, traditional suppression systems in tests performed. By exploiting the water more efficiently considerably smaller amounts of water is required compared to traditional sprinklers.

### Tested and Certified

Prevent water mist systems are fully tested in accredited fire laboratories according to international standards. Our water mist nozzles were the first to be certified by LPCB and listed on RedbookLive.com

### Easy and Fast Installation - Discreet and Space-saving Design

Since our systems require less water, the water intake can be smaller, and all pipes and fittings are smaller. This results in easier and space saving installations, a greater architectural advantage, which is very important to builders, architects, contractors and owners.

# 24/7

Like having the fire service on standby 24 hours a day.

Automatic water mist systems react quickly on temperature. Most fire scenarios are extinguished within a few minutes from system activation.

# 80%

The water consumption can be reduced by as much as 80%.

Water mist solutions are highly-efficient and use as little as one fifth of the water consumption of traditional sprinkler systems.

# Nozzles

Nozzles from Prevent Systems are available both as ceiling and wall models. The nozzles are approved for protecting residential, light and ordinary hazard applications.

The nozzles have been tested to the following standards: BS 8458, BS 8489, BS 9252, INSTA 900-3, IMO Res. 265(84) Public Space and CEN Test Protocol Parking V1.

10 year product guarantee on all nozzles.



### Prev2exp

For light and ordinary hazard applications, including offices, schools, retail and general public space areas in hospitals, hotels, care home institutions, etc.

Type of nozzle: Pendent  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 8.4 bar  
K-factor: 13.4



### Prev2up

For light and ordinary hazard applications, including parking car garages, offices, schools, retail and general public space areas in hospitals, hotels, care home institutions, etc.

Type of nozzle: Upright  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 8.4 bar  
K-factor: 13.4



### Prev3exp

For residential and domestic applications including homes, care institutions, apartment buildings, and sleeping areas in hospitals, hotels etc.

Type of nozzle: Pendent  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 5.2 bar  
K-factor: 14



### Prev3con

For residential and domestic applications including homes, care institutions, apartment buildings, and sleeping areas in hospitals, hotels etc.

Type of nozzle: Pendent  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 5.2 bar  
K-factor: 14



### Prev4sw

For residential and domestic applications including homes, care institutions, apartment buildings, and sleeping areas in hospitals, hotels etc.

Type of nozzle: Sidewall  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 8 bar  
K-factor: 12.4



### Prev5exp

For light and ordinary hazard applications, including offices, schools, retail and general public space areas in hospitals, hotels, care home institutions etc.

Type of nozzle: Pendent  
Max coverage area: 16m<sup>2</sup>  
Water pressure: 2.4 bar  
K-factor: 30



### Prev5exp20

For light and ordinary hazard applications, including offices, schools, retail and general public space areas in hospitals, hotels, care home institutions etc.

Type of nozzle: Pendent  
Max coverage area: 20.25m<sup>2</sup>  
Water pressure: 2.2 bar  
K-factor: 29

**For more information on this or our other fire suppression ranges, please call our sales team on 0800 9757971**