



Fire Safety

PENDENT WATER DRENCHER SPRINKLER

MODEL: GS255 & GS285

PRODUCT FEATURE

Drencher head creates a water curtain to isolate and protect important cultural assets, gas or combustible tanks of structures against flame or radiant heat, and it is also employed as fire blockers in areas where firewalls cannot be installed to prevent the spread of fire, smoke and toxic gases (also used as gas spray head or powder spray head).

OPERATION

Drencher nozzles are designed to replace fire barriers within a building.

These nozzles wet the walls, creating a natural barrier.

Drencher nozzles help prevent the spread of fire from outside sources to nearby buildings.

These nozzles help prevent the spread of fires, which is a fundamental principle in fire prevention and control.

They prevent the spread of fire between buildings in the same facility or between different areas within the same building.



TECHNICAL DATA

INSTALLATION

Roof Sprinkler System:

This system is positioned along the roof ridge, spraying water upwards which then flows down and wets the roof surface.

Wall and Curtain Wetting System:

This system wets the surface of walls and curtains of buildings, which are the most fire-prone areas.

Window Sprinkler System:

In this system, nozzles are installed at positions level with the top of the windows.

Model	GS255	GS285
Material	Stainless steel	
Inlet Size	1/2"NPT	3/4"NPT
Design Flow Volume	80LPM (0.1MPa)	
Discharge direction	Downward	
Min. Working Pressure	7 PSI (0.5 bar)	
Maximum operating pressure	175 PSI (12 bar)	
Spray Angle	5°*170°	5°*120°

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