

Water Spray System

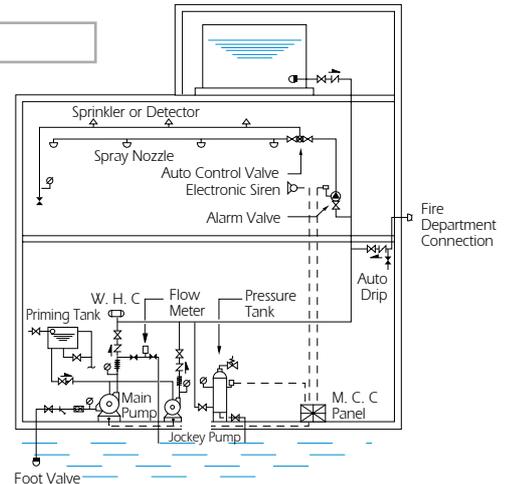
Water spraying fire extinguishing system sprays water in fog-like tiny particles and provides the following fire extinguishing and preventing effects:

1. Cooling by water
2. Suffocation effect by the steam generated by the heat
3. Emulsion effect by the water spray on the surface of oil
4. Dilution effect by the water-soluble agent

This system is usually applied to the chemical plant and hazardous material storage and for other purposes.

Operation

Water spray system charges the fire extinguishing water up to the primary side of automatic valve or deluge valve. In case of fire, fire detector or detection sprinkler starts working and triggers the electronic valve, and then, triggers the automatic valve in the corresponding area. When the pressure balance between the primary and the secondary side breaks as the pressure on the primary side is lowered, the pressure switch on the pressure tank is turned on and the fire extinguishing pump is automatically operated to dispose the fire extinguishing water through spray nozzle.



Siamese Connection

Paradise siamese spray nozzle is suitable for the siamese water spray connection facilities at the basement shopping floors and building basements. In case of fire, water is supplied through water piping of connected sprinkler from fire pump to spray water directly from head, making it more efficient in extinguishing fire.



Spray Nozzle

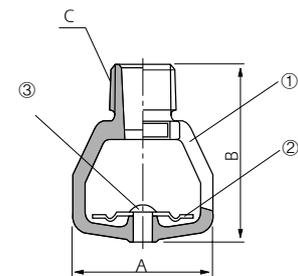
Specification

Model No.	FFSN-15	FFSN-20
Connection	PT 1/2"	PT 3/4"
Weight	61.5g	83.5g
Direction	Downward(Pendent)	
Flow Rate	180L /min-5kgf /cm ²	
Pressure Test	14kgf/cm ²	
Heat Resistant Temp.	1000°C	
Packing	100EA	

Dimension

Model No.	A	B	C
FFSN-15	45	57	PT 1/2"
FFSN-20	45	57	PT 3/4"

Assembly Diagram



NO	Part	Material
1	Frame	STS
2	Deflector	STS
3	Rivet	STS

Siamese Connection System

Siamese connection system extinguishes fire by supplying the water through the external water inlet in case of fire at the basement shopping floor or building basements where lots of smoke that obstructs the fire extinguishing activities is generated.

Operation

Water is supplied from fire pump through the water inlet located outside the building to the siamese connection spray nozzle in order to suppress the fire.

