

Foam Nozzle

Model: PTW & PTT/S

Description

PTW Foam nozzle and PTT/S dual-purpose foam / water nozzles are special fire extinguishing components that generate and spray air foam. They are mainly used in low-expansion foam spray systems. The foam mixed liquid is transported to the foam nozzle through the pipeline, and the air is sucked in before the foam nozzle's outlet to form air foam, which is sprayed in the protected danger zone to achieve the purpose of extinguishing the fire.

When the foam mixed liquid with a certain pressure flows through the inner cavity of the foam nozzle, due to the throttling, the flow velocity is increased, the pressure is reduced, a negative pressure is formed, and air is sucked in, and a certain multiple of air foam is formed by the blow-up effect in the nozzle .

Specification

- **Working Pressure:** 0.3-0.7Mpa
- **Rated Working Pressure:** 0.35Mpa
- **Connecting Thread:** BSP,NPT Optional
- **Main Material:** Brass+Stainless Steel Net
- **Installation Type:** Pendent
- **Expansion:** Low expansion, ≥ 5 Times
- **25% Liquid Drain Time:** ≥ 120 s



Model Number	Description	Flow Rate	Connecting Size	K Factor
PTW-50	WATER FOAM SPRINKLER	50LPM	1/2"	25
PTW-70	WATER FOAM SPRINKLER	70LPM	3/4"	35
PTW-90	WATER FOAM SPRINKLER	90LPM	1"	45

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Model Number	Description	Flow Rate	Connecting Size	K Factor
PTT/S-70	WATER FOAM SPRINKLER	70LPM	1/2"	40±5
PTT/S-105	WATER FOAM SPRINKLER	105LPM	3/4"	60±5