Peacock tail water curtain - Flow rate 500 l/mn



AWG peacock tail water curtain - 500 L/min flow rate

The **AWG peacock tail water curtain - 500 L/min flow rate** is a piece of fire-fighting equipment designed to create an **effective water screen** for **thermal protection**, **limiting smoke propagation** and **protecting exposed structures**.

Robust and high-performance, this **500-liter-per-minute water curtain screen** is ideal for use by **fire departments**, **industrial sites**, **local authorities** and **high-risk environments**. It is a reliable solution for securing sensitive areas, protecting equipment exposed to heat and supporting fire defense operations.

500 L/min fire water curtain: performance and protection

Thanks to its **peacock-tail effect**, the water curtain generates a **large hydraulic protective screen**. This sheet-like diffusion creates a continuous water barrier, helping to reduce the thermal impact of an incident and protect people and installations alike.

Main applications

- Protection of facades and industrial tanks
- Limiting thermal propagation
- Protection of rescue teams
- Securing sensitive or exposed areas
- Creating a temporary water screen in industrial or urban environments

Its **nominal flow rate of 500 L/min** ensures even distribution of the water flow, with a good compromise between **coverage efficiency**, **operational protection** and **water consumption control**.

Available versions and references

The **AWG 500 L/min water curtain** is available with several types of inlets and fittings to suit different fire network configurations and equipment already in service.

DSP fitting DN40

41413 - Water curtain AWG peacock tail 500 L/min - DSP fitting DN40 inlet without lock

41396 - Water curtain AWG peacock tail **500 L/min** - DSP DN40 inlet with lock

DSP connection DN65

41412 - Water curtain AWG peacock tail **500 L/min** - Inlet DSP connection DN65 without lock

41397 - AWG peacock tail water curtain **500 L/min** - DSP DN65 inlet with lock

AWG water curtain technical specifications

- **Nominal flow rate:** 500 liters per minute
- **Type of jet:** peacock tail - wide screen
- **Applications:** thermal protection, hydraulic shielding, fire containment
- **Available configurations:** Storz, BSP, DSP
- **Versions**: with or without lock depending on model

Advantages of the AWG 500 L/min peacock tail water curtain

Effective protection of exposed areas

The **AWG fire-fighting water curtain** forms a **hydraulic barrier** that limits heat transmission and helps protect sensitive installations, façades, technical storage or intervention zones.

Adaptability to fire networks

With different versions available in **DSP DN40**, **DSP DN50**, **DSP DN65**, **Storz 52** or **BSP 2 inch**, this model can be easily integrated into a wide range of operational configurations.

Robust design for professional use

Designed for **intensive use**, the AWG water curtain meets the needs of **emergency services**, **high-risk industries**, **petrochemical sites**, **local authorities** and infrastructure operators requiring reliable fire protection.

Why choose a 500 L/min water curtain?

The **500 L/min peacock tail water curtain** is the ideal solution for operators looking for equipment capable of providing **good width of coverage** while maintaining a **controlled flow rate**. It represents an excellent compromise for operations where thermal protection, securing an area and optimizing water resources are essential criteria.

Versatile, reliable and easy to integrate into existing fire-fighting systems, it is an **essential piece of equipment** for **operational fire risk management** and the **protection of strategic infrastructures**.