Peacock tail water curtain - Flow rate 1400 l/mn



Peacock tail water curtain AWG 1400 L/min - Professional hydraulic screen

The **AWG 1400 L/min peacock tail water curtain** is a high-performance hydraulic screen designed to protect against flames, heat, smoke, gases and hazardous dusts. Used by fire departments and high-risk industrial environments, it creates a fast, effective protective barrier.

With a **nominal flow rate of 1400 liters per minute at 5 bar**, this model provides broad, even coverage for thermal protection and containment of exposed areas.

How the peacock-tail water curtain works

The water curtain diffuses water in a wide vertical sheet forming a continuous screen. It enables :

- Screen flames and heat radiation
- Limit smoke propagation
- Reduce toxic gases and vapors
- Contain dust (construction sites, demolition, quarries)
- Protect exposed people or structures

Several curtains can be installed in line to form a continuous protective barrier.

Official technical data - 1400 L/min water curtain

- **Flow rate:** 1400 L/min at 5 bar
- **Nominal pressure:** 5 bar
- **Weight:** 1,500 g
- **Dimensions:** 240 x 260 x 135 mm
- **Material:** cast aluminium body with synthetic resin coating
- Forged aluminum shield and adapter

Aluminium design with protective coating guarantees excellent resistance to corrosion and intensive operating conditions.

Versions and fittings available

Storz 75 (B) version

- Part no. 41472
- Storz B fitting (75 mm)
- Flow rate 1400 L/min

DSP DN65 version with lock

- Part no. 41409
- Peacock tail DN65
- DSP DN65 connection with safety lock
- Flow rate 1400 L/min at 5 bar

2"1/2 male BSP threaded inlet version

- Part no. 40631
- 2 1/2" male BSP threaded inlet
- Flow rate 1400 L/min

Installation instructions and recommendations

The water curtain must be installed on a flat surface only. The hose must be positioned straight before progressive watering.

During initial filling, the unit may temporarily overturn. During operation, hydraulic reaction forces exerted towards the ground automatically stabilize the water curtain.

Professional applications

- Defensive fire-fighting
- Chemical and petrochemical industry
- SEVESO sites
- Port and goods storage areas
- Demolition and blasting sites
- Quarries and dusty environments

Why choose an AWG 1400 L/min water curtain?

High-efficiency thermal barrier

The high flow rate of 1400 L/min ensures sufficient water density to absorb heat radiation and effectively protect workers.

Mechanical reliability

Forged aluminum and coated cast aluminum construction ensure durability and resistance under demanding operating conditions.

Modular solution

Available with a range of connections (BSP, DSP DN65, Storz 75), it can be adapted to European fire network standards.

1400 L/min peacock tail water curtain: strategic fire-fighting equipment

The **AWG 1400 L/min water curtain** is a benchmark professional solution for creating hydraulic screens in fire-fighting applications. Its performance, sturdiness and versatility of connection make it an essential tool in modern fire protection systems.