

EconAqua, advanced Water Mist for car park protection: Efficient and sustainable



VdS

Fire safety is critical in enclosed car parks to safeguard people, vehicles, and property. These environments pose unique challenges due to their design and the range of potential ignition sources, from vehicle and electrical fires to flammable liquids and other combustibles. The Viking U16 water mist nozzle, as part of EconAqua water mist system, is designed to address these challenges effectively.

Key advantages:

■ System Advantages

- Installation heights of up to 3.6m.
- Reduced damage to vehicles and property in the event of a fire.
- Space saving components allow owners to maximize car parking space.
- Smaller system infrastructure and pipework reduces the load on existing buildings and in areas of restricted height.
- Particularly well-suited for urban environments where space and water resources are limited.

■ Operational Benefits

- Electric pumps require less maintenance than diesel fire pumps, saving time and money on testing requirements.
- Reduced cost of on-going ownership for end users, low power consumption and maintenance costs.
- Proven performance through full-scale fire testing
- Enhanced cooling efficiency.

SPECIFICATIONS

Third-party testing and approvals:	The EconAqua U16 nozzle and system have passed rigorous 3rd party testing protocols set by VdS, ensuring them meet high standards for safety and performance.
Compliance:	Meets the requirements of VdS 3883-4 and EN 14972-5 test protocols.
Low Pressure Operation:	Features market-leading low pressure operation, which results in more economical pipe sizing, reducing installation costs.
Operating pressure:	Designed for a maximum operating pressure of 16 bar, ensuring compatibility with many standard industry components.

For more information, please contact your local Viking sales office or refer to the technical documentation. The contents of this publication are subject to modifications without notice.

Trusted above all.

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