Monitor nozzle AkroMatic 5075 Master Stream (with 24V motor)



A 24V electric head designed for firefighting monitors big flow

Visit **monitor nozzle AkroMatic 5075 Master Stream 24V** from AKRON BRASS is a motorized head designed for firefighting monitors with high throughput. Designed for integration into monitors professionals, it enables **electric jet shape control** and meets the needs of fire-fighting installations and vehicles where remote flow control is a real advantage. Its **24 volts** makes it a natural choice for on-board configurations and demanding stationary equipment.

	tic 5075 Master Stream with 24V motor
	head for firefighting monitor high-speed Master Stream AKRON BRASS range
	24-volt motorization
	950 to 4800 L/min at 5.5 bar
	14 bar
	max 3A
	Flat diffused jet (*flat fog pattern*), a specific feature of model 5075
	Pyrolite
	229 mm
	5.7 kg
	Trident 3356, Apollo Electric 3418, DeckMaster 3440,

	StreamMaster II 3480/3482, StreamMaster 3578 and StreamMaster XT 3598 (see compatibility chart)
Compliance	CE Machinery Directive 2006/42/CE EMC 2014/30/EU PED 2014/68/EU Low Voltage Directive 2014/35/EU

Wide flow range to meet the needs of demanding operations

In the configuration used here, the 5075 covers a **flow range from 950 to 4800 L/min at 5.5 bar**. This capability makes it ideal for applications where high hydraulic power is required: municipal fire protection, industrial protection, logistics zones, sensitive sites or fixed installations. This broad coverage means that the same head can be used for a wide range of scenarios, from infrastructure protection to the treatment of fast-growing fires.

This flow range offers several practical advantages:

- meet high-stakes fixed or mobile protection requirements ;
- cover different scenarios with a single monitor nozzle ; ;
- adapt to municipal, industrial or logistics contexts ;
- combine hydraulic power and electric jet control.

A flat spray pattern that sets the 5075 apart from other AkroMatic heads

The major feature of this head is its **flat spray** (*flat fog pattern*). This distinguishes it from the other heads in the AkroMatic range, particularly the **5177**, which is part of a more conventional spray logic. In practice, this flat spray pattern may be required in certain operational contexts for protection, thermal abatement or coverage of an area with a very specific spray pattern. This is an important differentiating criterion for users who not only want to choose a flow rate, but also a spray geometry suited to their specific application.

The flat diffused jet can be used for :

- protection of exposed areas ;
- certain cooling strategies ;
- coverage of a surface with a specific jet geometry ;
- doctrines of use where the form of distribution counts as much as the flow.

Consistent integration across many monitors AKRON compatible

The head **AkroMatic 5075** can be associated with several monitors AKRON's electric municipal range, including references such as the **Trident 3356**, , **Apollo Electric 3418**, , **DeckMaster 3440**, , **StreamMaster II 3480/3482**, , **StreamMaster 3578** or **StreamMaster XT 3598**. This anchoring in the AKRON ecosystem makes it easier to choose equipment, replacements or harmonize fleets.

This documented compatibility is useful for :

- securing a head replacement project ;
- harmonize a fleet of firefighting monitors AKRON ;
- facilitate integration on existing equipment ;

- reduce technical uncertainties when making choices.

A solution designed for fire departments, industry and sensitive sites

This motorized head can meet a variety of needs: monitor on fire engines, fixed protection systems, industrial equipment, logistics platforms or high-risk sites. Its appeal lies in the combination of **big flow**, , **electric drive** and **flat diffused jet specificity**. This makes it a reference to consider when broadcast accuracy and integration consistency on a monitor performance.

It is particularly suitable for :

- 24V fire engines ;
- fixed fire protection systems ;
- hazardous industrial sites ;
- logistics platforms and sensitive infrastructures ;
- environments where remote jet control is crucial.

MMF and AKRON: the right answer to professional needs

With this reference, **MMF Protection et Sécurité** offers an AKRON BRASS solution tailored to the needs of professional users who are looking for equipment that is consistent, documented and compatible with a wide range of standards monitors in the market. The challenge is not just to choose a Master Stream head, but to select the right configuration according to the expected throughput, the environment of use and the type of broadcast required.

FAQ

Is this head suitable for a firefighting monitor on vehicle ?

Yes, this **akroMatic 5075 24V head** may be suitable for a **firefighting monitor on vehicle** when fitted to a compatible AKRON model. The compatibility table (see 'Attachments' tab) shows it to be compatible with several models, including monitors brand electrical equipment used on machines or installations (**Apollo Electric**, , **DeckMaster**, , **StreamMaster** and **StreamMaster II**). In practice, you need to check the **compatibility of monitor support**, the **consistency of 24V power supply** and the match between **flow range** and the hydraulic capacities of the equipment.

What's the point of a flat spray pattern on a firefighting monitor ? ?

Visit **flat spray** of the 5075 model allows us to obtain a water table that is more spread out laterally than a conventional conical diffuser. This configuration can be sought when the objective is to **protect an exposed area**, of **shield heat radiation** or **cover a larger surface area** with a specific spray geometry. This is one of the points that sets the 5075 apart from other AkroMatic heads, notably the 5177, which is more associated with a more classic spray pattern.

Is this 24V head suitable for industrial installations ?

Yes, the **akroMatic 5075 24V head** may be suitable for **industrial installations** when looking for a solution combining **big flow**, , **electric jet control** and integration on a **firefighting monitor compatible**. It can be

relevant for sensitive sites, logistics platforms or fixed fire protection installations where hydraulic capacity and remote control are important criteria. As with all monitor / head, it is advisable to check the **mounting compatibility**, the **24V availability** and the**flow range matching** with actual operational needs.

Why check the compatibility between the head and the monitor ? ?

Because compatibility between a **master Stream head** and its **monitor support** is not simply a question of assembly. It conditions the **good mechanical operation**, the **hydraulic consistency** and the level of performance actually available for intervention. According to some matches, the monitor concerned **cannot exploit the full flow range of the head**. In practice, therefore, a given head can be compatible with a given monitor without reaching its **theoretical maximum flow**. Check association monitor / tête thus helps to secure the expected performance, the quality of the jet and the suitability of the assembly to the operational need.

Why does CE conformity count for this type of equipment ?

Because a **electric head for firefighting monitor** as the **5075** is not a simple hydraulic accessory: it's a motorized piece of equipment designed to be integrated into a larger unit. The **cE conformity** is therefore an important benchmark for the purchaser, installer or operator, as it certifies that the product has been declared compliant with several applicable European requirements, particularly in terms of **machine safety**, of **electromagnetic compatibility**, d'**Pressure equipment** and **low voltage**. In a professional environment, this helps to secure the choice of equipment and facilitate its integration into an installation or fleet subject to technical and documentary requirements.