

Firefighting monitor AKRON Conquest 3671



Akron Brass Conquest 3671 - Firefighting monitor industrial 2000 GPM (7600 L/min)

The **Conquest™ 3671** from **Akron Brass** is an **FM-certified** bronze *double-wheel* industrial fire monitor. Designed to protect high-risk sites (refineries, chemical plants, oil depots...), it delivers a massive flow of up to **7600 L/min (2000 GPM)** at 14 bar. Its integral 4" (100 mm) water passage offers **low pressure drop**, ensuring a powerful jet to effectively attack large-scale fires.

Key features of the Conquest 3671

- **Dual handwheel:** precise manual orientation on 2 axes. The lower handwheel controls horizontal rotation (360° pivot) and the upper handwheel vertical elevation. This dual-flywheel system enables precise targeting, while keeping the operator at a safe distance.
- **Robust bronze construction:** monitor's solid bronze alloy body offers exceptional resistance to corrosion, heat and wear. Suitable for **intensive use in industrial environments**, it offers **extended service life even with corrosive agents** (seawater, foams).
- **High flow with low friction:** 4" (100 mm) internal duct with no constriction and integrated guide fins. Result: a *full, powerful jet* of up to 7600 L/min with **minimal pressure drops**, for maximum reach and increased efficiency.
- **Wide range of coverage:** 360° *continuous* horizontal rotation and vertical inclination from -45° to +85°. The monitor covers the entire area to be protected, and can spray both at the base of its support and upwards (up to vertical). Ideal for hydrocarbon fires, it can create a 360° water curtain around a tank.
- **FM & safety certification:** *Factory Mutual* approved for use in high-risk environments. **Designed for fire-fighting water and foam** (rinsing recommended after foam use). Gradual watering recommended to avoid water hammer and preserve system integrity.

Technical specifications

	36710001 (manual - electric version also available)
	Bronze with integrated guide fins

Water passage	4" (102 mm)
Max. operating pressure	14 bar
Max. flow rate	7600 L/min
Controls	Double handwheel (manual) with brake
Horizontal rotation	360° continuous
Vertical elevation	+90° à -90°
Output	2.5" (65 mm) female
Weight	84 kg (without head)

Preferred industrial applications

Large-scale fires on petrochemical sites: the firefighting monitor **Conquest 3671** excels at protecting refineries, oil platforms, fuel depots and chemical plants. Installed at the top of buildings or on fire dykes, it can quickly drown a flaming retention basin or cool down exposed storage tanks. Its long-range jet can also reduce flammable vapor clouds in the event of a leak, by projecting a protective curtain of water.

360° peripheral site protection: thanks to its integral rotation, a single monitor can cover a vast circular area. Its judicious positioning (minimum blind spot) ensures continuous peripheral fire protection. For example, around an industrial reactor or a sensitive production unit, the **Conquest 3671** can be instantly directed towards any detected hot spot.

High-risk storage sites and warehouses: in warehouses for flammable liquids, recycling centers or Seveso facilities, this monitor serves as an initial assault device in the event of an incident. Activated in the first few minutes, it contains the spread of fire until the fire department arrives. Its certified reliability ensures that, after many months on standby, it will work the first time in an emergency.

Compatibility and accessories

The Conquest 3671 is supplied **without a head**. It must be fitted with a suitable head to operate. The 3½" NH female outlet on monitor allows all Master Stream heads with the same thread to be fitted:

- *Examples of compatible heads:* **Rampage 4461** head (jet preset at 2800 L/min, adjustable to 1900, 3800 or 4800 L/min) for water or foam use or **AquaStream 4450** head (1900 L/min), compatible with **foam tube AkroMatic 1250-737**; **AkroFoam 4470** head incorporating a foam suction tube for high-flow physical foam projection. Other fixed or preset-flow head options are also available.
- *Installation:* the Conquest's 4" (8-hole) anchoring flange fits onto your pre-existing manifolds or pipes. Provide a sufficiently rigid base to support its 84 kg and resist jet reaction.
- *Safety instructions:* do not install a shut-off valve immediately at the outlet of the monitor (risk of overpressure) - the valve must be upstream on the supply line. When using foam, avoid adding a high-expansion foam tube without the advice of our MMF specialists, to avoid disrupting the flow.

Need help choosing the right nozzle or configuring your system? Our technical team will be happy to advise you. As an authorized **Akron Brass** distributor and service center, **MMF** supports you from design to installation, and provides after-sales service and maintenance for your equipment.

MMF after-sales service and expertise

When you choose the Conquest 3671 from **MMF**, you benefit not only from a top-of-the-range product, but also from the expertise of an **authorized Akron Brass repair center**. This means:

- **Pre-purchase advice:** our specialists will help you define the ideal configuration for your site (position of monitor, choice of head, possible 12 V motorization, etc.) to optimize your fire protection.
- **Training:** we can train your teams to operate the monitor double handwheel, so that they are operational and responsive in the event of a fire. Getting to grips with the equipment makes all the difference in an emergency.
- **After-sales service, maintenance and repairs:** our approved workshop ensures regular maintenance of your equipment (inspection, lubrication, sealing, etc.) and intervenes rapidly in the event of breakdown or abnormal wear. We use only genuine Akron Brass parts to guarantee initial performance. If your needs change, we can also offer upgrades or retrofits (e.g. adding a motorization kit to a monitor manual).

When you choose **MMF**, you can be sure that your *Conquest 3671 monitor* will operate safely and to its full potential - now and in the future. Please do not hesitate to contact our [customer service department](#) for any questions or quote about this Akron Brass product.