

Conquest G2

Industrial Monitor System

The Next Generation of Intelligent Fire Suppression & Vapor Mitigation

From the industry leader in firefighting nozzles, monitors, and valves since 1918 comes the next generation of intelligent fire suppression and vapor mitigation designed for industrial environments, classified locations, and hazardous areas.

Engineered to Save Lives, Property, & Assets

The Conquest G2 system is engineered to provide a fast, effective, and safe response to industrial fire suppression and vapor mitigation needs.

- **Fully Configurable:** Highly accurate programmability for vertical and horizontal oscillation, water patterns, and more.
- **Simplified Interface Capabilities:** The integrated electronics package seamlessly accommodates virtually any control interface requirements.
- **High-Efficiency Monitors:** 4" waterway with only 9 PSI friction loss at 2000 gpm (7600 lpm) max flow.
- **Best-in-Class Nozzle Performance:** Achieve maximum reach, optimized flow, and position feedback with narrow/wide fog and jet stream options.
- **Versatility of Use:** Compact yet powerful units allow for easy installation with existing safety systems and adaptability in a variety of applications.



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learn more



Conquest G2 System Components



Electric Controlled Conquest G2 Monitor

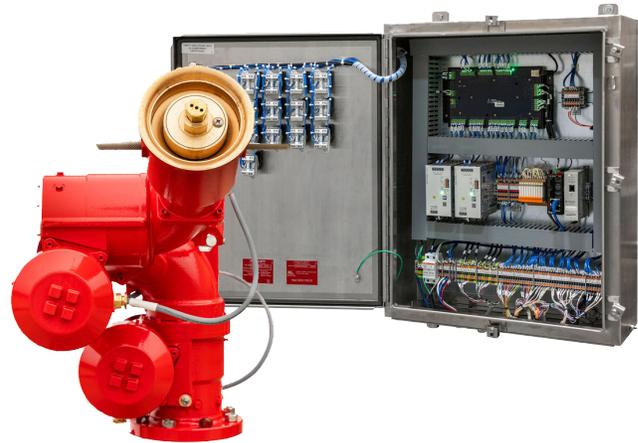
Style 3688 Conquest G2 Monitor

FEATURES	SPECIFICATIONS
Material	Brass construction
Max Flow	2000 gpm (7600 lpm)
Operating Temp	-40°F to +140°F (-40°C to + 60°C)
Operating Pressure	Max 200psi (14 bar)
Waterway	4" (102mm) with cast in turning vanes
Friction Loss	10 psi @ 2000gpm (0.69 bar @ 7570lpm)
Horizontal Travel	360° horizontal range of travel (adjustable physical hard stop positions are available at (±47°), (±92°), (±137°). Permanent physical hard stops are installed at (±182°)
Vertical Travel	+90°/-50° vertical range of travel
Oscillation	Horizontal and vertical oscillation
Position Feedback	Proprietary absolute position feedback design for elevation and rotation axes

Conquest G2 Nozzle

Style 5188 Automatic Baffle / Style 5189 Fixed Baffle

FEATURES	SPECIFICATIONS
Material	Brass construction
Flow Range	500gpm - 2000gpm (1893lpm - 7570lpm)
Reach	320 ft @ 2000gpm (91m @ 7570lpm) 30° Elevation Angle
Nozzle Pattern	Straight stream to full fog (Wide fog 140°)
Waterway	4" (102mm)
Position Feedback	Proprietary absolute position feedback design for nozzle



Monitor Interface Control Panel (MICP)

Custom systems available

FEATURES	SPECIFICATIONS
Enclosure Material	316L SS
Dimensions	Fire Suppression Version: 24"H x 24"W x 8"D Gas Mitigation Version: 30"H x 24"W x 8"D
Electrical Requirements	2A @ 120VAC, 1A @ 230VAC
Operating Temp	-40°F to +140°F (-40°C to +60°C)
Motor Control	Proprietary J-1939 CAN Interface to monitor and nozzle
Operation Modes	<ul style="list-style-type: none"> Manual Mode Using Discrete Inputs Automatic Mode Using 4-20 MA Direct Digital Control (DDC) Mode Using Modbus TCP/IP
Control Capabilities	<ul style="list-style-type: none"> CANBUS interface to monitor and nozzle motor controller boards Built-in Wi-Fi and webpage for quick easy configuration with most current web browsers Optional switches in door for monitor operation Optional switches in door for water/aux valve operation Optional wireless receiver for remote control with handheld transmitter

Custom Operator Panels are available upon request or application.

Experience the Power of Conquest G2

Get the next generation of intelligence and safety with the Conquest G2 Industrial Monitor System. Contact your local Akron Brass dealer today for more information or to see the Conquest G2 system in action.