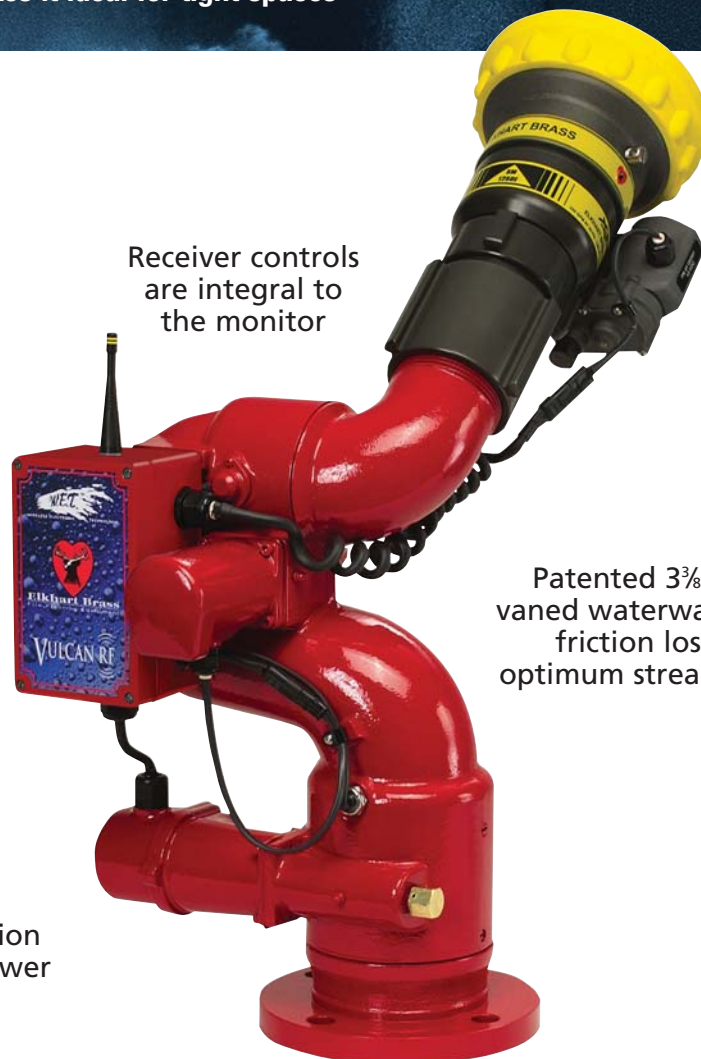


Vulcan® RF

- Wireless RF Electronic Technology (W.E.T.®) eliminates the need to operate a monitor from atop an apparatus, as recommended by NFPA 1901
- No control wiring — requires only 2-wire power connection
- Wireless control allows operator to move away from the apparatus (up to 1/4 mile) for a better view of the water stream
- Dual speed horizontal drive allows fast and precise targeting of stream
- Patented rotating connector allows unlimited 360° rotation
- Patented easy on-scene programming of oscillation for exposure protection or hazardous material suppression
- Unlimited number of monitors may be operated interference free
- Several ISM bands available for license free use around the world
- Smallest device in its class on the market — requires just 16" of clearance — makes it ideal for tight spaces



Receiver controls are integral to the monitor

Motors and control system components sealed to NEMA 4 rating

Patented 3 3/8" fully-vented waterway for low friction loss and optimum stream quality

2-wire installation (ground and power wires only)

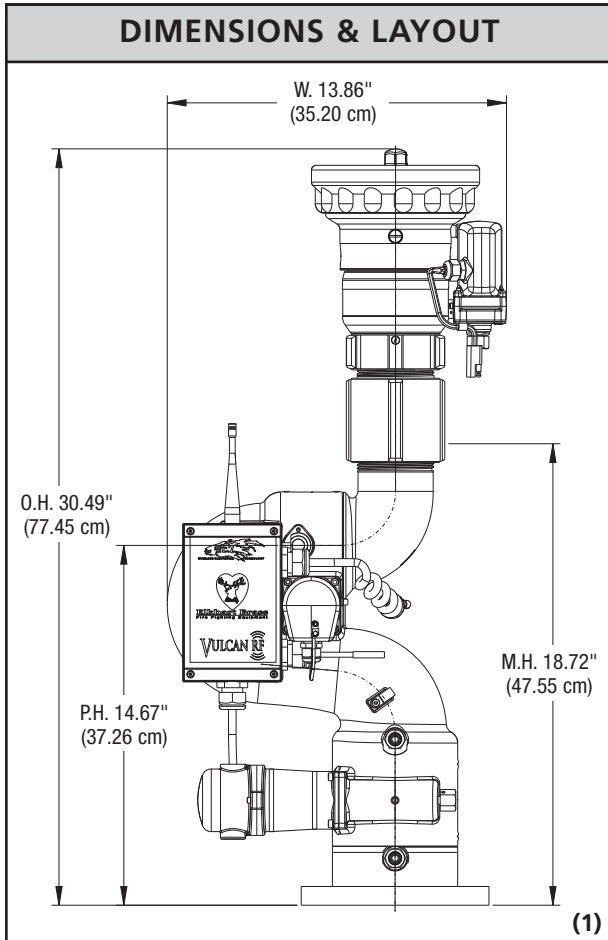
1250 GPM





VULCAN® RF

SPECIFICATIONS	
Max. GPM (LPM)	1250 (4732)
Inlets	Sizes
	Types
Inlets	4" 150# ANSI Flange
	3" 150# ANSI Flange NPT (F)
Outlet	2.5" NHT
Controls	Wireless (W.E.T.®)
Material/Finish	Elk-O-Lite® with red urethane enamel
Friction Loss	16 psi at 1250 gpm
	12 psi at 1000 gpm
Travel	V -45° to +90° (135°)
	V -45° to +170° (215°)
	H 180° or 360° (unlimited)
Weight	25 Lbs.
Max. Power Requirement	3.0 Amps at 12V DC (24V opt)
Ratings and Certifications	CE



KEY CONFIGURATIONS (ACCESSORIES)



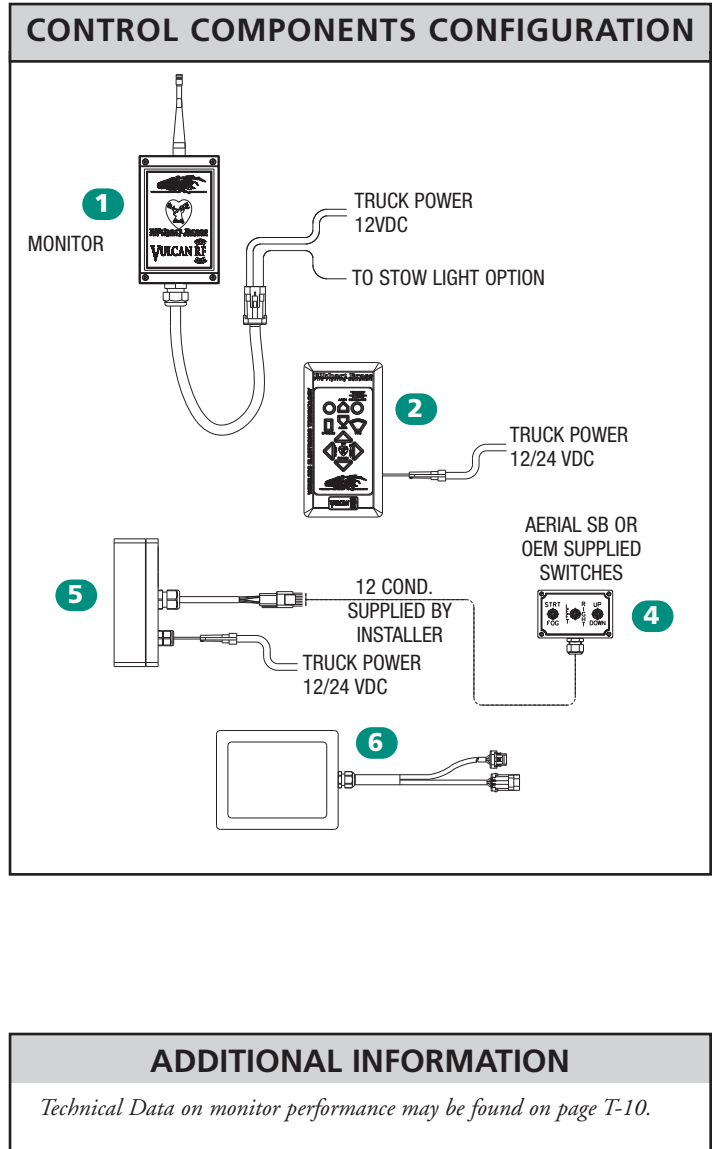
PANEL MOUNT CONTROL (2)



HAND HELD TRANSMITTER (3)



AERIAL SWITCH BOX (4)



ADDITIONAL INFORMATION

Technical Data on monitor performance may be found on page T-10.

Vulcan® RF Selector Guide

INLET SIZES / TYPES			OUTLET SIZE	VERTICAL TRAVEL		HORIZONTAL TRAVEL		AVAILABLE RF FREQUENCIES			VOLTAGE	PRIMARY CONTROLLER		CERTIFICATION	MODEL
3"	4"			135°	215°	180°	360°	868 MHz	915 MHz	920 MHz	12V DC	Panel Mount	OEM Transmitter*	CE	
NPT	150# ANSI Flange	150# ANSI Flange													
o	s	o	•	•		•		o	s	o	•	s	o	•	8500-01
o	s	o	•	•	•			o	s	o	•	s	o	•	8500-01 EXT
												2	5		Illustration






KEY s = standard o = option

* Requires OEM provided switches or switch box.

Components & Options Chart

COMPONENTS & OPTIONS	ILLUSTRATION	MODEL
Controllers – System requires either a panel mount or OEM transmitter. Up to 15 additional controllers of any type may be added.	Panel Mount – Operator control (accepts 12-24V DC) typically utilized as an apparatus mounted primary controller as required by NFPA. Additional panel mount controllers may be added to any system for secondary control.	2
	OEM Transmitter – Operator control interface (accepts 12-24V DC) to OEM supplied switches or aerial switch box (below). May be assigned as the NFPA required primary controller or as a secondary controller.	5
	Hand Held Remote – Wireless remote control. May not be used as a primary controller. Requires 2 AA batteries.	3
Aerial Switchbox	Surface-mount toggle switch box – operation requires OEM transmitter	4
24V Power Module	24V to 12V – required for monitor only	
Auxiliary Battery Pack	Back up to truck power (12V)	6
Companion Flange Kits	3" 150# ANSI steel flange with bolts and gaskets	81315001
	4" 150# ANSI steel flange with bolts and gaskets	81317001

Recommended Products

SM-1000E – X-STREAM®	SM-1250E – X-STREAM®	ST-194 – QUAD STACKED TIPS	282-A – STREAM SHAPER	EXTENDER
				
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VULCAN® RF

SAFETY FEATURES

- W.E.T.® monitors from Elkhart Brass promote firefighter safety and increase fireground effectiveness.
- NFPA 1901 recommends the use of remotely operated monitors “without the need for a person to climb to the top of the apparatus.”
- Fireground personnel can tend monitor without being located at the apparatus.

Product Highlights

- *Infinite horizontal rotation means that the Vulcan® RF will continue to rotate beyond 360° without stopping or having to re-set the rotation. The rotation stops when the operator chooses; this monitor does not have the mechanical limitations common to other monitors.*
- *A version of the Vulcan® RF with 215° vertical travel is now available for aerial ladders with either standard or pinned waterways. Vertical travel to 215° allows extreme versatility in stream position regardless of ladder elevation – even when the ladder is positioned below the horizontal. Advanced electronics also limit vertical travel when the waterway is retracted from the ladder tip (pinned waterway).*
- *The Vulcan® RF is designed to be installed with a minimum of necessary wiring. A simple 2-wire connection – ground and power wires only – dramatically reduces installation costs.*