MONITORS & WATER CANNONS

REMOTE CONTROL & MANUAL

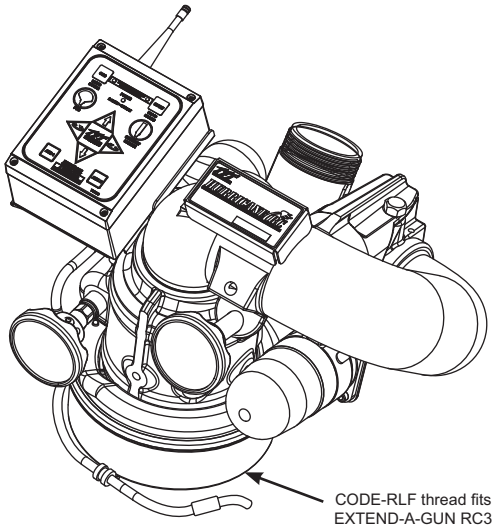


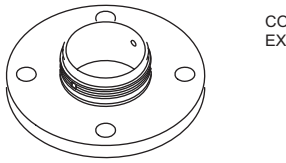
Our monitor lines cover a wide range of models for wildland, municipal, and industrial firefighting. Flows range from 10 gpm (40 l/min) to over 8000 gpm (30,000 l/min) in both RC and manual versions. Features include compact designs, low friction loss for long reaching streams, and options to make RC controls and programming simple and intuitive. Monitors have a wide range of nozzle options in various flows and pressures.

HURRICANE RC

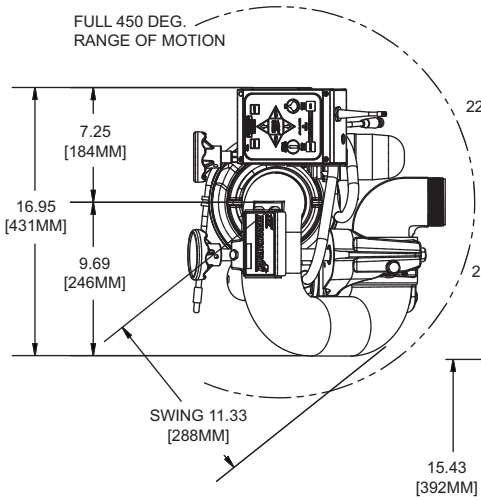
Remote Controlled Monitor - Up to 1250 GPM

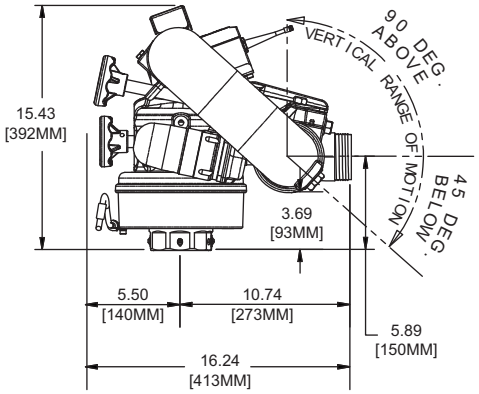
The Hurricane RC is an electric remote controlled monitor, with a single low-profile waterway discharge. The Hurricane RC has high flow and low friction loss characteristics. Capable of flowing 1250 gpm (4500 l/min) while maintaining a FULL 450° rotational travel (225° either side of center). Maximum operating pressure is 200 psi (14 bar). Field changeable horizontal rotation stops at 45, 90 and 135 degrees either side of center position. Elevation range is 90° above horizontal to 45° below. Designed for 12 VDC or 24 VDC volt operation, selection is automatic. The Hurricane RC comes with a control panel mounted on the monitor for horizontal rotation, elevation, nozzle pattern, programmable PARK and Oscillate. See page 140 for additional control stations. The motor control circuits are factory installed on the monitor and use position encoders and current limiting to protect the drive train at the ends of travel. Unit comes with 30 feet of ultra-flexing robotics power cable already wired to the monitor, and is enclosed in a unique cable guide that allows FULL 450° of horizontal travel, which is far more reliable than slip rings or coil cords. Knobs for manual override are also provided. TFT's Master Stream 1250 ER nozzle plugs into the factory installed nozzle power wire. Electric drives and control box are waterproof. Standard outlet is 2.5" NH (65mm) male thread. A built-in automatic drain protects the monitor from freezing. A threaded port (0.25" NPT) (6mm) is provided for optional pressure gauge. The monitor is made from hardcoat anodized ANSI 356-T6 aluminum and silver powder coat finish inside and out. RC Monitor delivered with wireless antenna installed. For wireless operation, purchase wireless operator station package on page 140.





3" ANSI 150 INLET FITTING SHOWN
OTHER INLET FITTINGS SIMILAR





XFIH-E11A (see chart)
39.0 lb (17.7 kg)

CE

SAMPLE PART NUMBER
Specify Inlet and Outlet by number from chart .

See page 140 for control options.
See pages** 106 and 120 **for ER nozzles that plug into the factory installed nozzle wire.

FLANGE SPECIFICATIONS					
FITS FLANGE	**OUTSIDE DIAMETER**	**THICKNESS**	**BOLT HOLE CIRCLE**	**NUMBER OF BOLTS**	**SIZE OF BOLTS**
3" ANSI 125/150 DN80 PN20	7.50" 190 mm	0.75" 20 mm	6.00" 152.5 mm	4 4	5/8" M16
4" ANSI 150 DN100 PN20	9.00" 230 mm	0.94" 23 mm	7.50" 190.5 mm	8 8	5/8" M16
DN80 PN16	200 mm	22 mm	160 mm	8	16 mm
DN100 PN16	220 mm	22 mm	180 mm	8	16 mm

XFIH-E

			A
Inlet		Outlet	
1) 3" ANSI 150	**L)** TFT CODE-RLF*	**1)** 2.5" - 7.5 NH Male (65mm)	
2) 4" ANSI 150	**P)** TFT CODE-RPF*	**2)** 2.5" - 11 BSP Male (65mm)	
4) DN80, PN16	**Q)** 4.5NH Quick Connect for VUM	**9)** Special	
5) DN100, PN16	**R)** 4.5NH Quick Connect with 4" ANSI 150		
6) 3" NPT Female	**S)** 4.5NH Quick Connect with 4" NPT female		
7) 4" NPT Female	**T)** 4.5"NH Quick Connect with CODE-RLF*		
8) 3" BSP Male	**U)** 4.5"NH Quick Connect with CODE-RPF*		
9) 4" BSP Male			

*TFT CODE-RLF Fits Extend-A-Gun RC3 *TFT CODE-RPF Fits Extend-A-Gun RC4

When ordering a Hurricane RC monitor, choose one option from each category. Example: Model XFIH-E11A is a monitor with 3" ANSI 150 flange inlet and 2.5" NH male threaded outlet. For assistance in ordering, please call 1-800-348-2686 and speak to an RC monitor specialist.

National Hose threads per NFPA 1963 Edition 2009 are standard.
Contact TFT for Special Threads.

TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

www.tft.com
3701 Innovation Way
Valparaiso IN 46383-9327
800-348-2686

XFIH-E21A

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1250 GPM Remote Controlled Monitor

Part No: XFIH-E21A

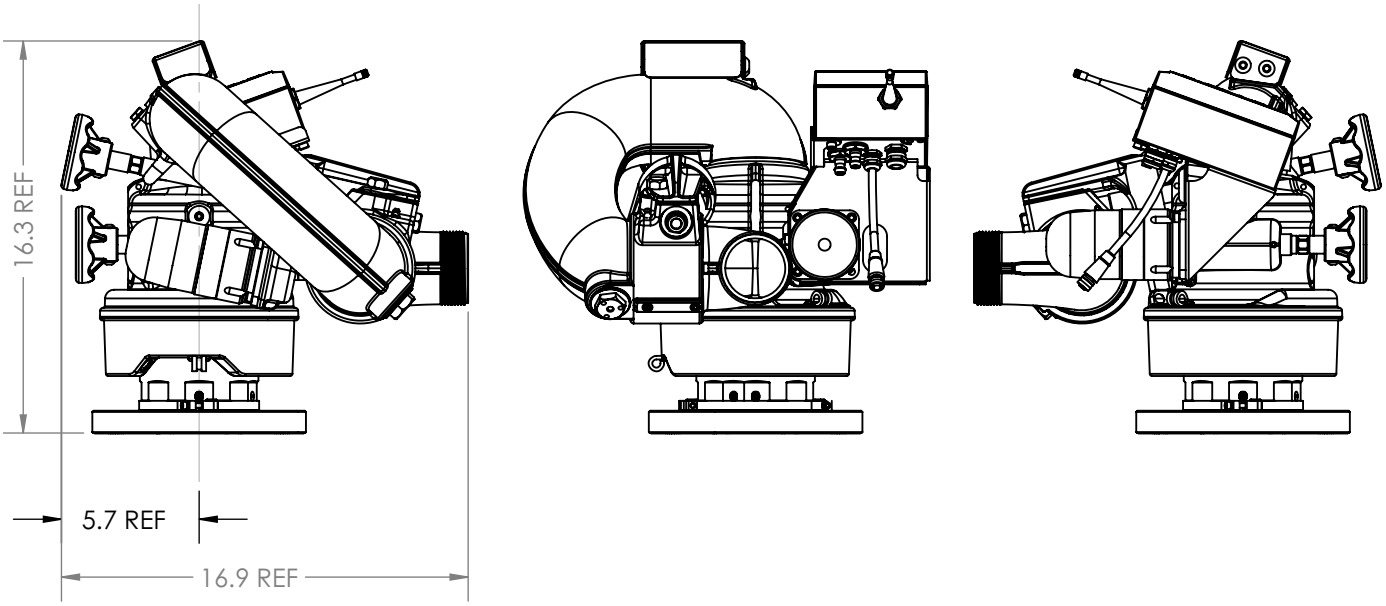


Monitor Configuration	Fixed Mount
Flow Rate - Monitors	0-1250 gpm (0-4500 l/min)
Operation Energy Source	Electric (12/24 vdc)
Monitor Inlet	4 Inch ANSI 150
Monitor Outlet	2 1/2"NH (65mm)Male
Horizontal Control	Handwheel (3 Inch, Injection Molded Nylon)
Horizontal Movement (degrees)	225 left and right of center
Vertical Control	Handwheel (3 Inch, Injection Molded Nylon)
Vertical Movement (degrees)	45 below to 90 above horizontal
Finish	Powdercoated Stardust Silver
Certifications	CE

Details

1250 GPM Remote Controlled Monitor

Weight: 43.000 lbs



PRODUCT SERIES OVERVIEW

• TFT Hurricane Manual Monitor offers efficient flow performance up to 1250gpm, provides full 360 degree rotational movement, and is available with 3” or 4” ANSI 150 flanges, 3” NPT thread, or with extended flange inlets to eliminate rotational clearance issues. All models are FM approved, are standard with corrosion resistant powder coating and come with your choice of hand wheel and tiller bar operational controls.

TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

www.tft.com
3701 Innovation Way
Valparaiso IN 46383-9327
800-348-2686

M-ERP1250SNJ

Task Force Tips © 2012

MASTER ELECTRIC REMOTE AUTOMATIC 2.5" NH

Part No: **M-ERP1250SNJ**



Operation Energy Source	Electric (12/24 vdc)
Electrical Connection Method	Plug (with smart stream technology)
Flow Control Method	Automatic (constant pressure, variable flow, constant gallonage, flow does not change with pattern)
Flow Rate	150-1250 gpm (600-4500 l/min)
Coupling Size (Nozzles)	2.5 inch (65mm)
Coupling Style (Nozzles)	Rocker
Coupling Swiveling/Rigid (Nozzles)	Swivel (non-full time, no swivel after tightening)
Pressure	100 psi (7bar)
Nozzle Body Style	Tip Only - Remote Controlled
Valve Design	No Valve
Valve Actuation Method	No Actuation Method
Fog Pattern Method	Molded Rubber Teeth (fixed)
Nozzle Bumper Material	Rubber - press fit

Details

MASTER ELECTRIC REMOTE AUTOMATIC 2.5" NH
The M-ERP1250S has a flow capacity on 150-1250 gpm (600-4500 l/min). 2.5" (65mm) NH rocker lug swivel coupling is standard. 3.0" NH (75mm) or 3.5" NH (90mm) coupling is optional. For use on TFT RC monitors only.

Weight: 13.300 lbs (kg)

PRODUCT SERIES OVERVIEW

• TFT Master Stream Nozzles are designed for maximum flow efficiency, reach and penetration. All are produced from lightweight hard anodized aluminum alloy, and include fixed fog teeth for a wide protective fog pattern under harsh fireground conditions. The perfect choice for fixed and remote control monitor operations, aerial applications, and industrial specifications, all master stream nozzles are covered by TFT's unique five year warranty and 24 hour service program.

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Task Force Tips (USA)

TASK FORCE TIPS®
FIRE FIGHTING EQUIPMENT

Leader in tactical water delivery solutions

FOREMOST



Handheld Fire Fighter Nozzles



Midmatic
Automatic Fire Nozzle
260-760 LPM



Thunderfog
Selectable Flow Nozzle
360-470-570-750-950 LPM



Quadarfog
Selectable Flow Nozzle
110-230-360-470 LPM

complies with pr EN 15767-1 Standards

Portable Water Monitors

CE



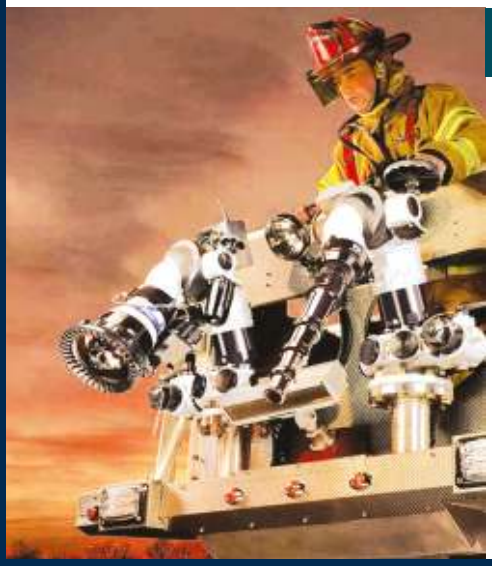
Blitzfire
Oscillating Portable Monitor
400-2000 LPM , Dual Pressure

CE



Crossfire
Portable Water-Foam Monitor
600-4500 LPM , Auto Nozzle





Manual / Remote operated Water - Foam Monitors

CE
Atex version available



Hurricane Monitor
Manual & Remote Control
4500 LPM

CE
Atex version available



Monsoon Monitor
Manual & Remote Control
8000 LPM

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