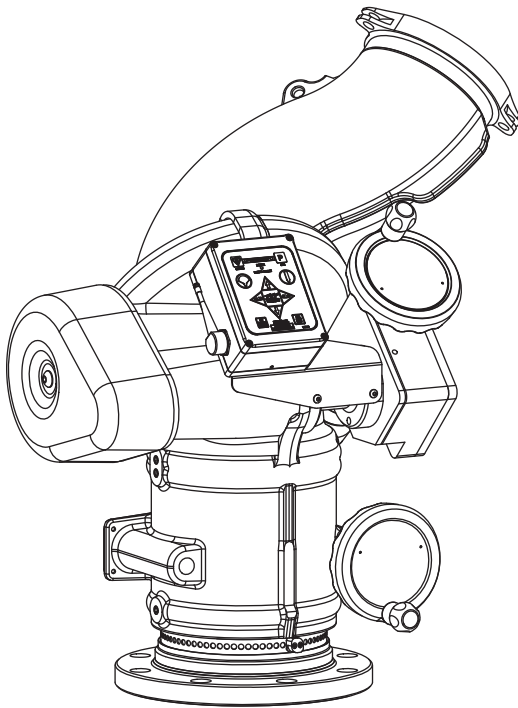


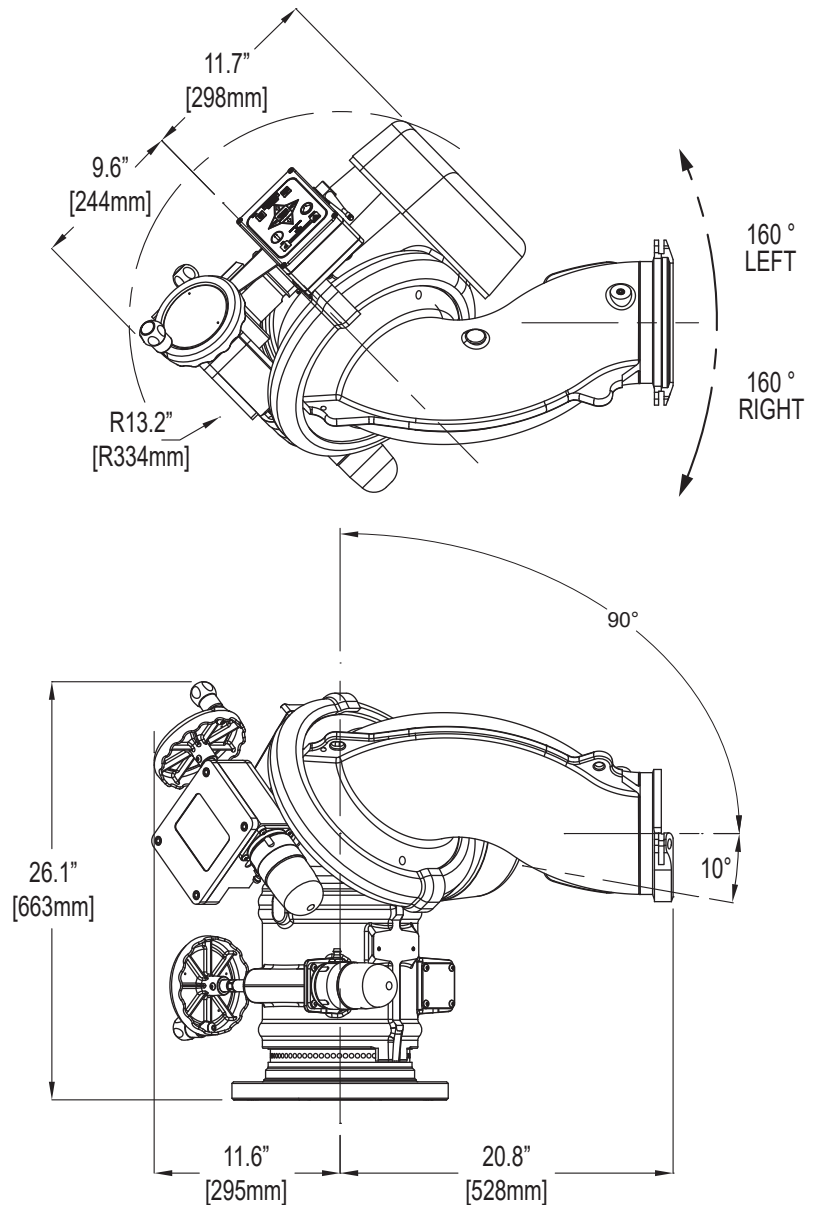
## Remote Controlled Monitor - Up To 8000 GPM

The Tsunami RC is an electric remote controlled monitor capable of flowing 8000 gpm (30000 l/min). Waterway with turning vane has only 27 psi (1.9 bar) friction loss at 8000 gpm (30000 l/min). Elevation range is 90° above horizontal to 10° below. Field changeable elevation travel stops. Horizontal travel is 320° (160° either side of a center position). Field changeable horizontal travel stops. Designed for 12 VDC or 24 VDC operation, selection is automatic. The Tsunami monitor comes with a control panel on the monitor for horizontal rotation, elevation, nozzle pattern, programmable PARK and Oscillate. The motor control circuits use position encoders and current limiting to protect the drive train at the ends of travel. Unit has waterproof factory installed plug on power wire for easy removal or reinstallation. Handwheel for manual override are provided on the horizontal rotation and elevation drive. Electric drives and control box are waterproof. Main waterway made from hardcoat anodized ANSI 356-T6 aluminum. Silver powder coat finish inside and out. Contact factory for details about wireless operation.

### FOR VERTICAL MOUNTING ONLY



**Y8-E11A**  
**\$50000.00**  
 140.0 lb (63.5 kg)  
 Inlet is 8" ANSI 150  
 Outlet is Quick Connect

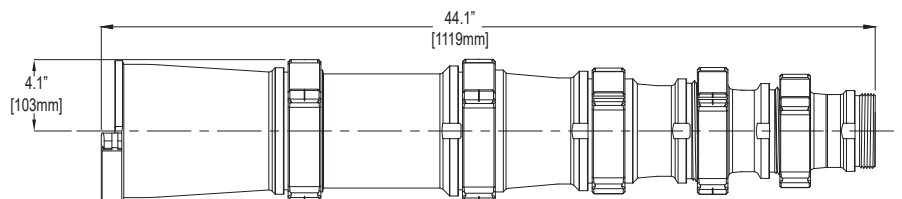


**Tsunami RC Controller Choices  
are the same as the Monsoon RC  
located on page 169**

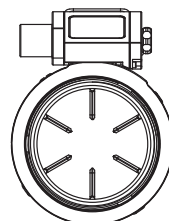
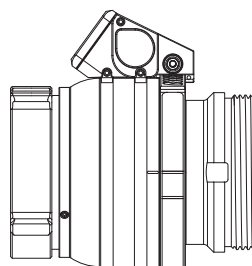
## TSUNAMI STACKED TIPS

Designed for monitor use up to 8000 gpm (30280 l/min), these stacked tips are hardcoat anodized, allow four orifice options, have a built in stream straightener and pressure/flow charts laser engraved on each tip. Orifice openings are 5.125", 4.5", 4.0", and 3.5". (130mm, 114mm, 102mm and 89mm). Quick connect inlet coupling for Tsunami monitor is standard.

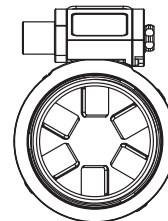
**YST-8NX**  
**\$3800.00**  
**37.0 lb (16.8 kg)**



## VORTEX RC



**Straight Stream**



**Dispersed Pattern**

**SVXE**  
**\$ 7400.00**  
**19.90 lbs (9.0 kg)**  
**11.00" Long (27.9 cm)**

**SVXE - VORTEX RC 6" NHF X 6" NHM** - Designed for monitor use up to 8000 gpm (30280 l/min), it is intended for installation behind the Tsunami smoothbore nozzles for use with water or fire fighting foam solutions. Six short vanes in the bore of the Vortex reduce turbulence in straight stream. Actuating from "STREAM" to "VORTEX" causes the vanes to pivot proportionally. This induces a gentle spin in the water to create a uniformly dispersed Vortex stream pattern, resulting in virtually no friction loss regardless of which stream pattern is selected. The vanes also allow large debris to easily pass through the Vortex. Manual override included.

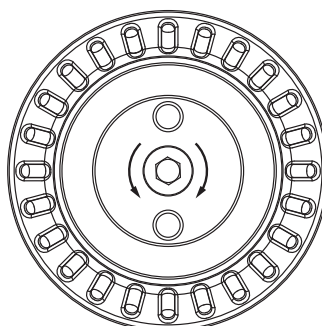
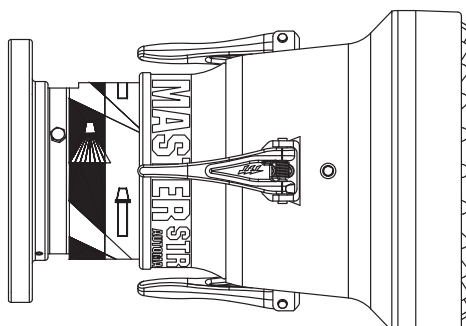
## MASTER STREAM 4000 SERIES

**2500 & 5000 GPM (10,000 & 20,000 l/min)**

**Selectable Flow**

The TFT Master Stream 5000 is a selectable nozzle with flow settings of 2500 & 5000 gpm (10000 & 20000 l/min) at 100 psi (8 bar). The Master Stream 5000 features a unique user selectable flow control. The nozzle can easily be adjusted to either flow without the use of any tools. Simply screw the baffle in or out, depending on which flow is required. Applications include truck mounted deluge devices, fire boats, industrial applications, or anywhere a flow of 2500 gpm or 5000 gpm (10000 l/min or 20000 l/min) is necessary.

Model Suffix	Inlet	Outside Diameter	Bolt Hole Circle	Bolt Hole Diameter	Bolts
-6ASA	6" ANSI 150	11.00 " (27.9cm)	9.500" (24.1cm)	7/8" (22mm)	8
-DN150	DN 150 PN16	11.22 " (28.5cm)	9.449" (24cm)	29/32"(23mm)	8



The flow of this nozzle can be easily changed by rotating the baffle in or out to achieve the desired flow

**MT-RF-6ASA**  
**MT-RF-DN150**  
**\$5510.00**  
**92.0 lbs (41.7kg)**  
**18.30" Long (46.5cm)**  
**13.3" Diameter (33.8cm)**

**MT-RF-6ASA - MASTER STREAM 5000 6" ANSI 150 FLANGE INLET** - Super-high volume nozzle with flows of 2500 & 5000 GPM (10000 & 20000 l/min). The Master Stream 5000 incorporates field adjustable flow settings for a nozzle pressure of 100 PSI (8 bar). Continuously variable pattern from straight stream to wide fog. Includes folding handles for manual pattern control. Massive cast aluminum bumper incorporates TFT's "power fog" teeth for full finger-free fog pattern. Hardcoat anodized aluminum for maximum resistance to corrosion and wear. Specify inlet size (6" ANSI 150, DN150 PN16). 6" ANSI 150 Flange is standard.

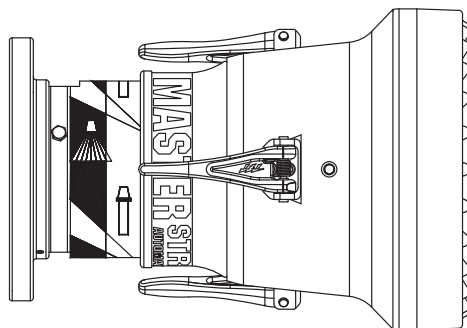
## MASTER STREAM 4000 SERIES

### 600-4000 GPM (2400 - 16,000 l/min)

#### Automatic

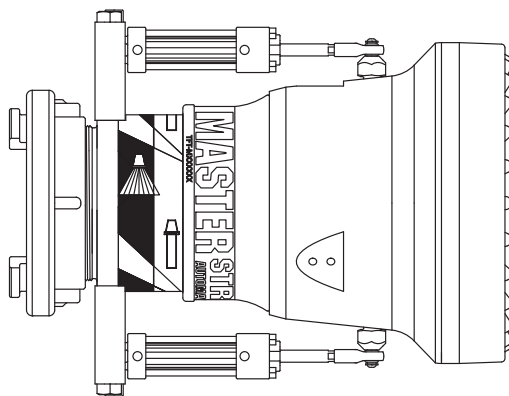
The TFT Master Stream 4000 is the only variable pressure nozzle with a flow range of 600 - 4000 gpm (2400-16000 l/min). The Master Stream 4000 features a unique user selectable operating pressure control. The Master Stream 4000 can provide industrial users the highest flow and longest stream reach of any constant pressure, variable flow nozzle in the world. Similar to other automatic TFT nozzles, the Master Stream 4000 can maintain a constant pressure throughout its flow range. The operating nozzle pressure of the Master Stream 4000 is field adjustable by simply turning a knob, on the front of the nozzle, to the desired pressure setting. Adjustment is anywhere between 80 and 120 psi (6 and 8 bar). Applications include truck mounted deluge devices, fire boats, industrial applications, or anywhere a flow of up to 4000 gpm (16000 l/min) is necessary.

Model Suffix	Inlet	Outside Diameter	Bolt Hole Circle	Bolt Hole Diameter	Bolts
-6ASA	6" ANSI 150	11.00 " (27.9cm)	9.500" (24.1cm)	7/8" (22mm)	8
-DN150	DN 150 PN16	11.22 " (28.5cm)	9.449" (24cm)	29/32"(23mm)	8
-6SX	6" Storz	7.70 " (19.6cm)	—	—	0



**MT-R-6ASA**  
**MT-R-DN150**  
**MT-R-6SX**  
**\$5510.00**  
**103.0 lbs (46.7kg)**  
**18.30" Long (46.5cm)**  
**13.3" Diameter (33.8cm)**

**MT-R-6ASA** - MASTER STREAM 4000 W/HALO 6" ANSI 150 FLANGE INLET - Super-high volume nozzle with a flow range of 600 - 4000 GPM (2400-16000 l/min). The Master Stream 4000 incorporates field adjustable nozzle pressure regulation capable of constant nozzle pressures from 80 PSI (6 bar) to a maximum of 120 PSI (8 bar). Continuously variable pattern from straight stream to wide fog. Includes folding handles for manual pattern control. Massive cast aluminum bumper incorporates TFT's "power fog" teeth for full finger-free fog pattern. Hardcoat anodized aluminum for maximum resistance to corrosion and wear. Specify inlet size (6" ANSI 150, DN150 PN16, 6" Storz). 6" ANSI 150 Flange is standard.



**MT-HR-6ASA**  
**MT-HR-6SX**  
**\$6145.00**  
**110.0 lbs (49.8kg)**  
**18.30" Long (46.5cm)**  
**16.2" Diameter (41.0cm)**

**MT-HR-6SX** - MASTER STREAM 4000 HYDRAULIC REMOTE 6" STORZ INLET - Hydraulically operated pattern control for use on remote applications, such as in hazardous areas or towers. The two 1-3/8" (35mm) bore cylinder units have 1/4" NPTF (6mm) ports, maximum hydraulic pressure of 1500 psi (103 bar), minimum hydraulic pressure of 600 psi (41 bar). The MT-HR has the same flow and pressure capabilities as the MT-R. Nozzle is hardcoat anodized aluminum for maximum resistance to corrosion and wear. Specify coupling (6" ANSI 150 or 6" Storz). 6" Storz inlet is standard.

## REMOTE CONTROL ACCESSORIES

These accessories and components are for use with Tornado RC, Hurricane RC, Typhoon RC and Monsoon RC and allow control of the monitors at remote locations. The Panel Mount, Tethered and Wireless Operator Stations have a waterproof membrane switch to control vertical, horizontal, and nozzle patterns, as well as the programmable PARK and Oscillate. Power, PARK and Oscillate indicator lights are standard. Two Auxiliary buttons are included and require the Remote Auxiliary Function Relay Interface Box or valve kit or Extend-A-Gun RC to control lights, valve controllers or other equipment. All operator stations are equipped with "last button pressed" software so any button presses from the operator station will take over control from any other operator station. These operator stations can also be configured, by an internal DIP switch, as a "master" station so that commands from the operator station cannot be overridden.

### Y4E-RP-D

**\$1260.00**

2.7 lb (1.2kg)

8.00" x 5.625" x 3.5"  
(20.3 x 14.3 x 8.9 cm)



**Y4E-RP-D PANEL MOUNT MONITOR OPERATOR STATION WITH DISPLAY** – Allows RC monitors to be controlled from a remote location and is designed to be mounted in a panel. The unit is easily configurable for multi-monitor control. This will allow a user to control up to ten TFT RC monitors from one operator station. This operator station includes a display for advanced system feedback and a backlit control panel for improved visibility of controls in low-light conditions. All terminal blocks for wire connections are removable for easy termination. The enclosure has an O-ring seal, liquid tight strain relief fittings with O-rings, and a membrane switch to keep water out. A 30' long cable for incoming power and communication connections is supplied pre-connected. This operator station is equipped with "last button pressed" software or can be configured as a "master" station.

### Y4E-RP

**\$1015.00**

2.7 lb (1.2kg)

8.00" x 5.625" x 3.5"  
(20.3 x 14.3 x 8.9 cm)



**Y4E-RP PANEL MOUNT MONITOR OPERATOR STATION** - This operator station allows the electric monitor to be controlled from a remote location and is designed to be flush mounted in a panel. This station may be used as the central location for terminating the wires from the monitor, incoming power, or hard wired inputs. All terminal blocks for wire connections are removable for easy terminating. The enclosure has an o-ring seal, liquid tight strain relief fittings with o-rings, and a membrane switch to keep water out. A 30' long cable for incoming power and communication connections is supplied pre-connected. This operator station is equipped with "last button pressed" software or can be configured as a "master" station.

### Y4E-CT-10-D

**\$1310.00**

7.6 lb (3.4kg)

7.30" (18.4cm)

### Y4E-CT-30-D

**\$1370.00**

7.6 lb (3.4kg)

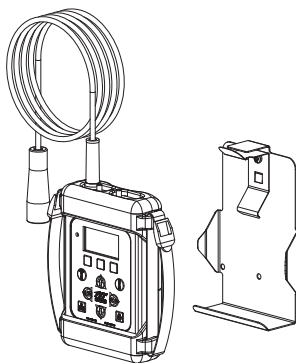
7.30" (18.4cm)

### Y4E-CT-100-D

**\$1395.00**

7.6 lb (3.4kg)

7.30" (18.4cm)



**Y4E-CT-10-D TETHERED MONITOR OPERATOR STATION WITH DISPLAY** - Allows RC monitors to be controlled from a handheld pendant and is supplied with a stainless steel mounting bracket to securely store the unit. The unit is easily configurable for multi-monitor control. This will allow a user to control up to ten TFT RC monitors from one operator station. This operator station includes a display for advanced system feedback and a backlit control panel for improved visibility of controls in low-light conditions. The enclosure has an O-ring seal, liquid tight strain relief fitting with O-rings, and a membrane switch to keep water out. The pendant receptacle can be connected to the Panel Mount Operator Station or directly to the monitor through a customer supplied terminal block. A cable is supplied pre-connected to the panel-mounted receptacle and includes waterproof cap and chain. The Tethered Control Station is supplied with a 10' long pre-connected cable that plugs into a panel-mounted receptacle. This operator station is equipped with "last button pressed" software or can be configured as a "master" station. Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel.

**Y4E-CT-30-D TETHERED MONITOR OPERATOR STATION** - Same as above but the Tethered Control Station is supplied with a 30' long pre-connected cable.

**Y4E-CT-100-D TETHERED MONITOR OPERATOR STATION** - Same as above but the Tethered Control Station is supplied with a 100' long pre-connected cable.

**Contact** customer service for longer tether.

### Y4E-CT-10

**\$1065.00**

7.6 lb (3.4kg)

7.30" (18.4cm)

### Y4E-CT-30

**\$1160.00**

7.6 lb (3.4kg)

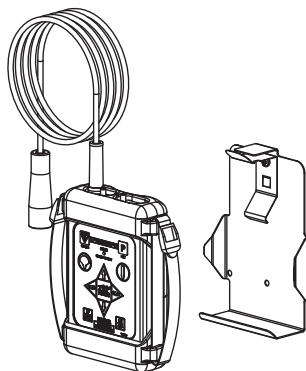
7.30" (18.4cm)

### Y4E-CT-100

**\$1160.00**

7.6 lb (3.4kg)

7.30" (18.4cm)



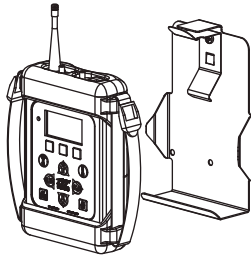
**Y4E-CT-10 TETHERED MONITOR OPERATOR STATION** - This operator station allows the electric monitor to be controlled from a handheld pendant. This operator station is supplied with a stainless steel mounting bracket to securely store the unit. The enclosure has an o-ring seal, liquid tight strain relief fitting with o-rings, and a membrane switch to keep water out. Any commands from this operator station will override commands made on the monitor control box. The pendant receptacle can be connected to the Panel Mount Operator Station or directly to the monitor through a customer supplied terminal block. A cable is supplied pre-connected to the panel-mounted receptacle and includes waterproof cap and chain. The Tethered Control Station is supplied with a 10' long pre-connected cable. This pendant plugs into a panel-mounted receptacle. This operator station is equipped with "last button pressed" software or can be configured as a "master" station. Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel.

**Y4E-CT-30 TETHERED MONITOR OPERATOR STATION** - Same as above but the Tethered Control Station is supplied with a 30' long pre-connected cable.

**Y4E-CT-100 TETHERED MONITOR OPERATOR STATION** - Same as above but the Tethered Control Station is supplied with a 100' long pre-connected cable.

**Contact** customer service for longer tether.

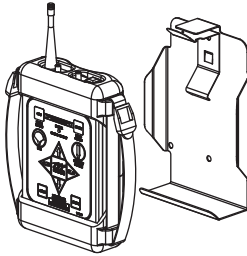
**YE-RF-900-D**  
**YE-RF-2400-D**  
**\$2245.00**  
 3.1 lb (1.4kg)  
 11.30" (28.7cm)



**YE-RF-900-D WIRELESS MONITOR OPERATOR STATION WITH DISPLAY, 900 MHz** – Allows RC monitors to be controlled using a wireless handheld transmitter. The unit is easily configurable for multi-monitor control. This will allow a user to control up to ten TFT RC monitors from one operator station. The wireless transmitter will operate up to 500 feet away from the truck and is supplied with a stainless steel mounting bracket to securely store the handheld unit. This operator station includes a display for advanced system feedback and a backlit control panel for improved visibility of controls in low-light conditions. Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel. See RC monitor installation & operation manual for operating frequency agency approvals or consult factory for agencies not listed. Order one radio & antenna for each RC monitor, listed below.

**YE-RF-2400-D WIRELESS MONITOR OPERATOR STATION, 2.4 GHz** Commonly used for International installations. Same as the YE-RF-900-D with a different operating frequency.

**YE-RF-900**  
**YE-RF-2400**  
**\$2040.00**  
 3.1 lb (1.4kg)  
 11.30" (28.7cm)



**YE-RF-900 WIRELESS MONITOR OPERATOR STATION, 900 MHz** - This operator station allows one RC monitor to be controlled using a wireless handheld transmitter. The wireless transmitter will operate up to 500 feet away from the truck. This operator station is supplied with a stainless steel mounting bracket to securely store the handheld unit. Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel. See RC monitor installation & operation manual for operating frequency agency approvals or consult factory for agencies not listed. Order one radio & antenna for each RC monitor, listed below.

**YE-RF-2400 WIRELESS MONITOR OPERATOR STATION, 2.4 GHz** Commonly used for International installations. Same as the YE-RF-900 with a different operating frequency.

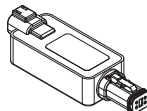
**YE-RF-BT**  
**\$600.00**  
 0.46 lb (0.21 kg)  
 5.75" x 2.94" x 0.55"  
 (14.6 x 7.5 x 1.4 cm)



**YE-RF-BT TACTILE TOUCH SCREEN CONTROLLER** – This Controller has three modes: Operate, configure, and help service any TFT RC monitor with this wireless hand-held touch-screen controller (operator station). This device controls one RC monitor from the wireless handheld. The controller comes equipped with a 5.0" touch screen display (720x1280p) and an internal rechargeable (non-replaceable) Li-ion battery (4300mAh). The controller is IP68 water and dust certified. In operate mode, you can control any TFT monitor as if it were a standard operation station. In configuration mode, you can set the operating parameters such as park function, oscillate pattern, and nozzle type. In service mode, you can access error codes and communication status.

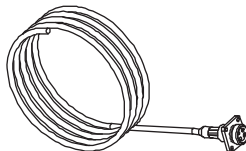
*See RC monitor installation & operation manual for operating frequency approvals or consult factory for agencies not listed. Requires one YE-BT1 interface adapter per wireless controller.*

**YE-BT1**  
**\$400.00**  
 3oz (85 gms)  
 5.40" x 1.64" x 1.36"  
 (13.7 x 4.2 x 3.5cm)



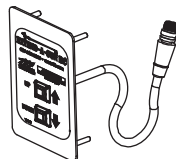
**YE-BT1 BLUETOOTH® ADAPTER - FOR RC MONITORS AND VUMS** The Bluetooth® adapter when used with the YE-RF-BT Tactile Touch Screen Controller allows the user to operate, configure, or service any TFT RC Monitor or RC Valve Under Monitor. The adapter is typically installed near monitor/VUM using two mounting studs.

**YE-RECEP-4**  
**\$245.00**  
 30.00ft (9.1m)



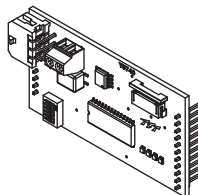
**YE-RECEP-4 PANEL MOUNTED RECEPTACLE** - This receptacle allows tethered monitor operator stations to be connected at additional locations. A 30' long cable with a pre-connected receptacle is supplied. Includes waterproof cap and chain.

**XGA-RP**  
**\$210.00**  
 1.0 lb (0.4kg)  
 5.25" x 3.75"  
 (13.3cm x 9.5cm)



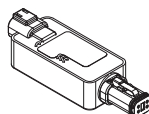
**XGA-RP PANEL MOUNT RC EXTEND-A-GUN OPERATOR STATION** This operator station allows the RC Extend-A-Gun to be controlled from a remote location when the user wants a separate control from a TFT RC monitor operator station or if there is no RC monitor up/down button available. The plate is designed to be flush mounted in a panel and a 12' long pre-connected cable. **NOTE: This operator station is required if the RC Extend-A-Gun is not installed with a TFT RC Monitor and 6' companion cable which must be installed in RC Extend-A-Gun. Interface box is supplied.**

**YE-CAN1**  
**\$145.00**



**YE-CAN1 MULTIPLEX INTERFACE - FOR RC MONITORS AND VUMS** The Multiplex Interface Control converts CANbus signals into serial communications for controlling a TFT RC monitor or valve. This module is designed to work on a J1939 CANbus system and allows control of all TFT RC Monitors and RC Valve Under Monitor, Module typically installed in ladder/platform monitor electronics interface box.

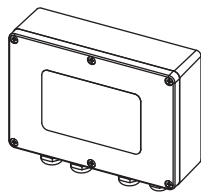
**YE-CAN2**  
**\$400.00**  
 3oz (85 gms)  
 5.40" x 1.64" x 1.36"  
 (13.7 x 4.2 x 3.5cm)



**YE-CAN2 MULTIPLEX ADAPTER - FOR RC MONITORS AND VUMS** The Multiplex Adapter Control converts CANbus signals into serial communications for controlling a TFT RC monitor or valve. This module is designed to work on a J1939 CANbus system and allows control of all TFT RC Monitors and RC Valve Under Monitor, Module typically installed near monitor/VUM using two mounting studs.

## REMOTE CONTROL ACCESSORIES

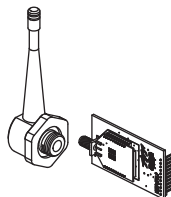
**YE-ETHER**  
**YE-ETH-WIFI**  
**\$1015.00**  
 2.5 lb (1.1kg)  
 11.30" (28.7cm)



**YE-ETHER** ETHERNET INTERFACE CONTROL FOR WIRED NETWORKS This interface box enables a TFT RC monitor to be connected and controlled via a standard wired Ethernet network. This unit is designed to be operated from a PC or tablet running a standard web browser. The interface acts as a web server and no custom software is required. The interface box includes a pre-wired 10' cable with receptacle for monitor connections and a 10' cable for power connections and communication connections to other remote accessories (if any).

**YE-ETH-WIFI** ETHERNET INTERFACE CONTROL FOR WIRELESS NETWORKS Same as above except for use with standard wireless Ethernet networks.

**YE-RF-RAD-9**  
**YE-RF-RAD-24**  
**\$255.00**

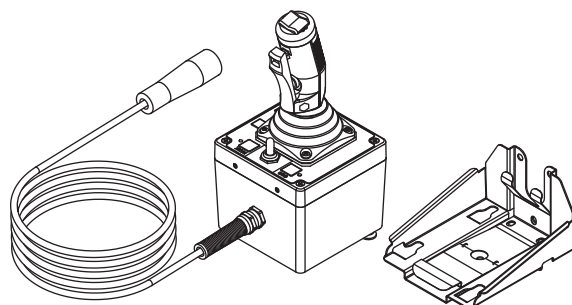


Call for upgrade capabilities.

**YE-RF-RAD-9** WIRELESS MONITOR RADIO & ANTENNA, 900MHZ – This radio and antenna option is required to enable a TFT RC monitor to operate along with the wireless operator stations described above. One radio & antenna item is required for each RC monitor. When ordered at the same time as the RC monitor, radio & antenna will be installed by TFT assembly personnel.

**YE-RF-RAD-24** WIRELESS MONITOR RADIO & ANTENNA, 2.4GHZ – Commonly used for International installations. Same as the YE-RF-RAD-9 with a different operating frequency.

**Y4E-JS**  
**Y4E-JS-51**  
**Y4E-JS-52**  
**\$1385.00**  
 5.0 lb (2.3 kg)  
 10.00" x 4.75" x 4.75"  
 (25.4 x 12 x 12 cm)



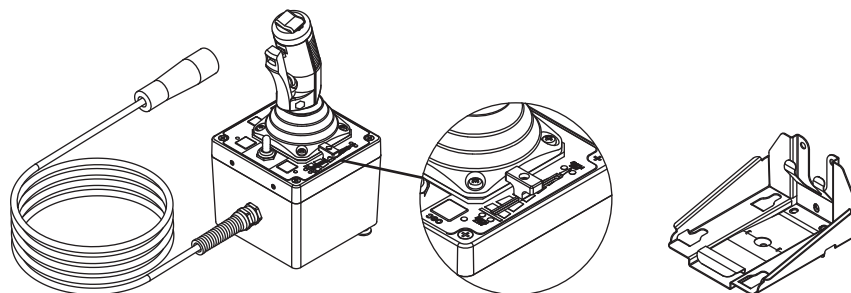
**Y4E-JS** JOYSTICK MONITOR OPERATOR STATION This operator station allows any TFT RC electric monitor to be controlled using a joystick. Moving the joystick controls monitor vertical and horizontal movement. Thumb switches control nozzle pattern. A trigger built into the joystick handle can be used to open and close some water valves. The joystick is factory installed on an enclosure that houses the control electronics and a 10' cable is supplied with stripped wires for connection in the control system terminal box. The joystick control is also equipped with push buttons on top for PARK and OSCILLATE functions as well as monitor DEPLOY. An additional configurable button can be set up for RC Extend-A-Gun or LED light kit control. A toggle switch is available to select water valve open, close, or joystick control. The joystick control can be configured for proportional speed control of the horizontal and vertical axis. The joystick control is factory wired so that the AUX2 button on TFT monitor operator stations will also open and close the water valve. Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel.

**Y4E-JS-51** Same as above except cable has plug and includes bulkhead receptacle with stripped wires for connection to control system.

**Y4E-JS-52** Same as above except cable has plug to connect to YE-VK valve interface box receptacle (not included).

**NOTE:** Consult factory for instructions to enable proportional speed control.

**Y4E-JS-GT**  
**Y4E-JS-GT-R**  
**Y4E-JS-GT-NP**  
**\$1385.00**  
 5.0 lb (2.3 kg)  
 10.00" x 4.75" x 4.75"  
 (25.4 x 12 x 12 cm)



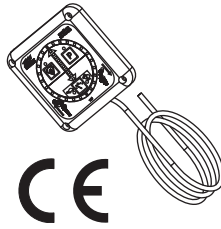
**Y4E-JS-GT** - JOYSTICK MONITOR OPERATOR STATION WITH GATEABLE VALVE CONTROL This Joystick Monitor Operator Station is specialized for TFT RC monitor systems that are operated in conjunction with a TFT Gateable Valve Kit. This version is the same as the standard Joystick Monitor Operator Station but also includes a valve opening adjustment slider to control the valve position on TFT Gateable Valve Kits. The Joystick includes a 10' cable that has a plug to connect to the YE-VKG valve interface box receptacle (not included). Mounting bracket meets NFPA 1901 9G force requirements which ensures the security of equipment and safety of personnel.

**Y4E-JS-GT-R** – Same as Y4E-JS-GT except cable has plug and includes bulkhead receptacle with stripped wires for connection to control system.

**Y4E-JS-GT-NP** – Same as Y4E-JS-GT except has 10' cable with stripped wires for connection to control system.

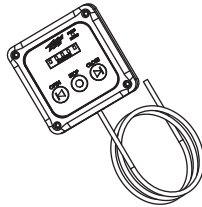
**NOTE:** Consult factory for instructions to enable proportional speed control.

**Y4E-DISP**  
**\$640.00**  
 2.7 lb (1.2kg)  
 4.25" x 3.5"  
 (10.7cm x 8.9cm)



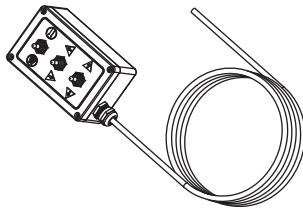
**Y4E-DISP MONITOR POSITION DISPLAY** - This display will show the stream position of any TFT RC electric monitor. Position is indicated by two sets of LEDs, one set for the vertical position and one set for the horizontal position. Buttons for the PARK & Oscillate features and HIGH/LOW speed selection are also supplied. A 10' long 4-conductor cable for power and communication is supplied pre-connected. **NOTE: When installed on systems w/RC Extend-A-Gun, the current state is indicated by LED (raised/lowered)**

**A-DISP**  
**\$735.00**  
 2.7 lb (1.2kg)  
 4.25" x 3.5"  
 (10.7cm x 8.9cm)



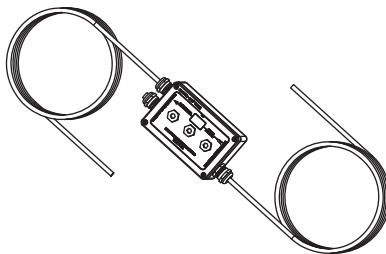
**A-DISP VALVE POSITION DISPLAY** - This display will show the position of any TFT RC Ball Intake Valve or Valve Under Monitor. Position is indicated by 5 LEDs, one red for CLOSED, one green for OPEN, and three yellow for intermediate positions. Buttons for valve open, stop, close are also included. A 20' long 4-conductor cable w/Deutsch quick-connect plug for power and communication is supplied pre-connected.

**Y4E-TS**  
**\$1015.00**  
 2.7 lb (1.2kg)  
 8.00" (20.3cm)



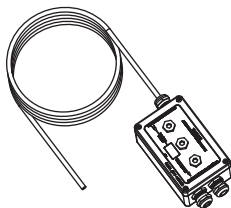
**Y4E-TS TOGGLE SWITCH MONITOR OPERATOR STATION** - This operator station allows any TFT RC electric monitor to be controlled using three toggle switches. Switches control monitor vertical and horizontal movement plus nozzle pattern adjustment. The operator station can be surface mounted. A 10' long 4-conductor cable for power and communication is supplied pre-connected. This operator station is equipped with "last button pressed" software or can be configured as a "master" station.

**Y4E-COMM**  
**\$1015.00**  
 2.7 lb (1.2kg)  
 8.00" (20.3cm)



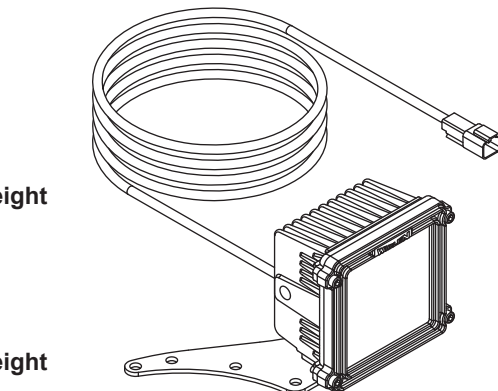
**Y4E-COMM MONITOR COMMUNICATION INTERFACE BOX** - This communication interface box converts discrete input signals into communications for controlling any TFT RC electric monitor. The discrete input signals can be from a joystick, installer supplied toggle switches, relay contacts or canbus output module. The interface box accepts +12/24 VDC signals, but can be field changed to accept ground signals. This interface box also includes a relay to indicate when the monitor is in PARK position and has contacts that can be connected into the door open or Extend-A-Gun raised warning light. The interface box can be surface mounted. A 10' long 4-conductor cable for power and communication is supplied pre-connected. Also a 10' long cable is supplied pre-connected for connection to the input signals. This interface box is equipped with "last button pressed" software or can be configured as a "master" station.

**YE-REMAUX**  
**\$1015.00**  
 2.7 lb (1.2kg)  
 8.00" (20.3cm)



**YE-REMAUX REMOTE AUXILIARY FUNCTION RELAY INTERFACE BOX** This interface box allows a user to utilize the AUX1 and AUX2 buttons located on the monitor operator station, any remote operator station with a membrane switch or inputs located in part #Y4E-COMM. The interface box is equipped with two relays that can operate lights, interface to a valve controller or in some cases operate a valve directly, etc. The contact rating of the relay is 16 amps @ 30VDC for resistive loads and 8 amps @ 30VDC for inductive loads. A 10' long 4-conductor cable for power and communication is supplied pre-connected.

**YE-LK12-KIT**  
**\$865.00**  
 1.7 lb (0.8kg)  
 4.30" (10.9cm) Height



**YE-LK12-KIT LED SEARCH-LIGHT KIT, 12V** - for mounting to remote controlled Tornado and Typhoon monitors.

**YE-LK24-KIT**  
**\$865.00**  
 1.7 lb (0.8kg)  
 4.30" (10.9cm) Height

**YE-LK24-KIT LED SEARCH-LIGHT KIT, 24V** - for mounting to remote controlled Tornado and Typhoon monitors.



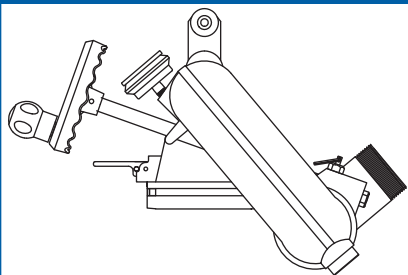
## Pumper Combination Package Crossfire & Extend-A-Gun

XFC-71

**\$3470.00**

XFC-71 PACKAGE CONTAINS:  
CROSSFIRE Monitor Top  
Your Choice of Manual Extend-A-Gun  
Your Choice of Mounting Bracket Set

### CROSSFIRE TOP INCLUDED



**XFT-NJ — 2.5"NH Outlet**  
Monitor Top  
1250 gpm (4500 l/min)

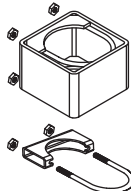
### 3" BRACKET SET CHOICE

Choose One Option ☒

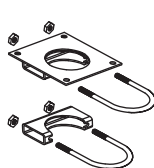
For safe dependable service, the Extend-A-Gun **MUST** be securely mounted. To make the Extend-A-Gun as versatile as possible, three mounting bracket kits are offered.



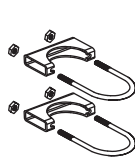
**XGB-13**  
TUBE/  
SADDLE



**XGB-23**  
PLATE/  
SADDLE



**XGB-33**  
SADDLE/  
SADDLE



### CHOICE OF EXTEND-A-GUN

Choose One Option ☒



**XG12PL-XL**  
3" Tapered Pipe Male  
12" Extended Position



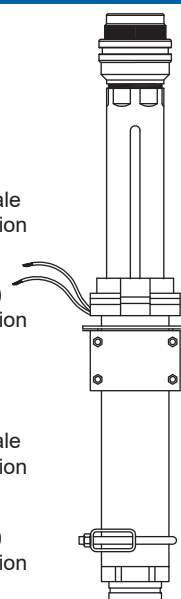
**XG12VL-XL**  
3" Victaulic (75mm)  
12" Extended Position



**XG18PL-XL**  
3" Tapered Pipe Male  
18" Extended Position



**XG18VL-XL**  
3" Victaulic (75mm)  
18" Extended Position



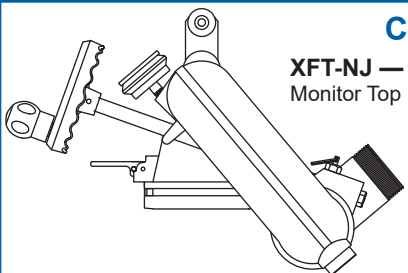
## Pumper Combination Package Crossfire & Extend-A-Gun

XFC-72

**\$4005.00**

XFC-72 PACKAGE CONTAINS:  
CROSSFIRE Monitor Top  
Quad Stack Tips  
Your Choice of Stream Straightener  
Your Choice of Manual Extend-A-Gun  
Your Choice of Mounting Bracket Set

### CROSSFIRE TOP & QUAD TIPS INCLUDED



**XFT-NJ — 2.5"NH Outlet**  
Monitor Top 1250 gpm (4500 l/min)



**MST-4NJ — 2.5"NH**  
4 Stacked Tips Laser Engraved Flow Charts

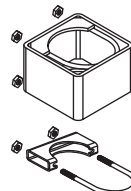
### 3" BRACKET SET CHOICE

Choose One Option ☒

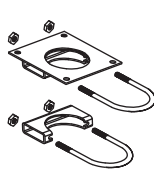
For safe dependable service, the Extend-A-Gun **MUST** be securely mounted. To make the Extend-A-Gun as versatile as possible, three mounting bracket kits are offered.



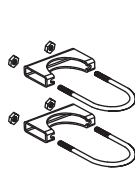
**XGB-13**  
TUBE/  
SADDLE



**XGB-23**  
PLATE/  
SADDLE



**XGB-33**  
SADDLE/  
SADDLE



### CHOICE OF EXTEND-A-GUN

Choose One Option ☒



**XG12PL-XL**  
3" Tapered Pipe Male  
12" Extended Position



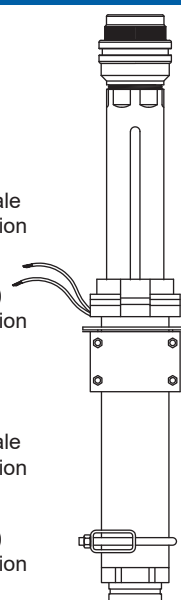
**XG12VL-XL**  
3" Victaulic (75mm)  
12" Extended Position



**XG18PL-XL**  
3" Tapered Pipe Male  
18" Extended Position



**XG18VL-XL**  
3" Victaulic (75mm)  
18" Extended Position



### CHOICE OF STREAM STRAIGHTENER

Choose One Option ☒



**XF-SS5**  
5" 2.5" NH



**XF-SS10**  
10" 2.5" NH

## Pumper Combination Packages Crossfire & Extend-A-Gun

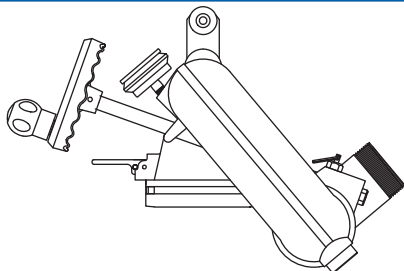
XFC-73

**\$4760.00**

XFC-73 PACKAGE CONTAINS:

CROSSFIRE Monitor Top  
Your Choice of Halo Master Stream Nozzle  
Your Choice of Manual Extend-A-Gun  
Your Choice of Mounting Bracket Set

### CROSSFIRE TOP INCLUDED



**XFT-NJ — 2.5"NH Outlet**  
Monitor Top  
1250 gpm (4500 l/min)

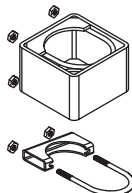
### 3" BRACKET SET CHOICE

Choose One Option ☒

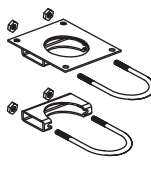
For safe dependable service, the Extend-A-Gun **MUST** be securely mounted. To make the Extend-A-Gun as versatile as possible, three mounting bracket kits are offered.



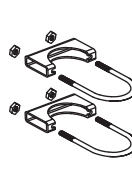
**XGB-13**  
TUBE/  
SADDLE



**XGB-23**  
PLATE/  
SADDLE



**XGB-33**  
SADDLE/  
SADDLE



### CHOICE OF EXTEND-A-GUN

Choose One Option ☒



**XG12PL-XL**  
3" Tapered Pipe Male  
12" Extended Position



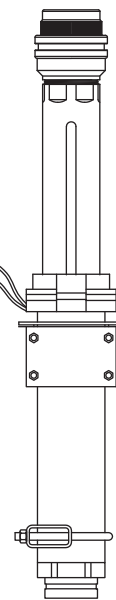
**XG12VL-XL**  
3" Victaulic (75mm)  
12" Extended Position



**XG18PL-XL**  
3" Tapered Pipe Male  
18" Extended Position



**XG18VL-XL**  
3" Victaulic (75mm)  
18" Extended Position

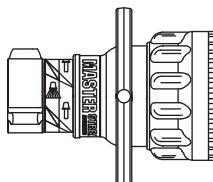


### CHOICE OF NOZZLE

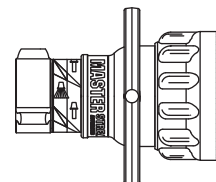
Choose One Option ☒



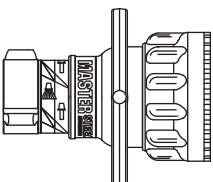
**M-R1000-NJ — 2.5"NH**  
Automatic Pressure Nozzle  
150-1000 gpm flow range  
(600-4000 l/min)



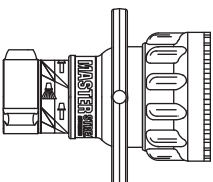
**M-R1250SNJ — 2.5"NH**  
Automatic Pressure Nozzle  
150-1250 gpm flow range  
(600-4500 l/min)



**M-RS1000-NJ — 2.5"NH**  
Selectable Flow Nozzle  
250, 350, 500, 750 or 1000 gpm  
Flow is User Adjusted  
gpm is based on 100 psi



**M-RF1000-NJ — 2.5"NH**  
Fixed Flow Nozzle  
1000 gpm (4000 l/min) max  
Must Specify Flow & Pressure





## Pumper Combination Packages Crossfire & Extend-A-Gun

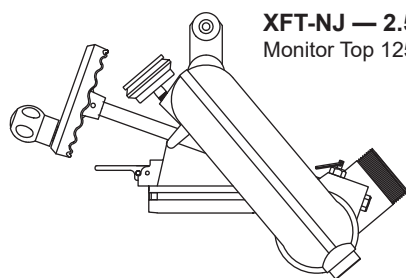
XFC-62

**\$6995.00**

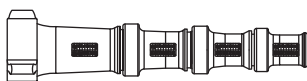
XFC-62 PACKAGE CONTAINS:

CROSSFIRE Monitor Top  
Quad Stacked Tips  
Crossfire Storage Bracket  
SAFE-TAK 1250 Base w/Choice of Inlet  
Your Choice of Halo Master Nozzle  
Your Choice of Stream Straightener  
Your Choice of Manual Extend-A-Gun  
Choice of Mounting Bracket Set

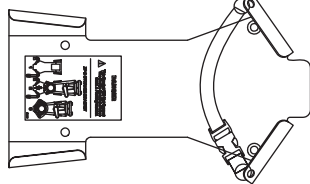
### CROSSFIRE TOP, QUAD TIPS & BRACKET INCLUDED



**XFT-NJ — 2.5"NH Outlet**  
Monitor Top 1250 gpm (4500 l/min)



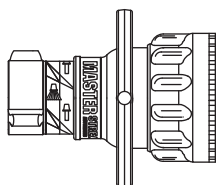
**MST-4NJ — 2.5"NH**  
4 Stacked Tips Laser Engraved Flow Charts



**XF-B**  
Crossfire Storage Bracket

### CHOICE OF NOZZLE

Choose One Option ☒



☐ **M-R1000-NJ — 2.5"NH**  
Automatic Pressure Nozzle  
150-1000 gpm flow range  
(600-4000 l/min)

☐ **M-RF1000-NJ — 2.5"NH**  
Fixed Flow Nozzle  
1000 gpm (4000 l/min) max  
Must Specify Flow & Pressure

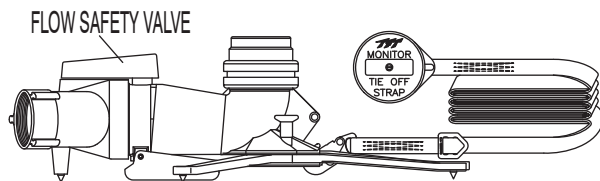
☐ **M-RS1000-NJ — 2.5"NH**  
Selectable Flow Nozzle  
250, 350, 500, 750 or 1000 gpm  
Flow is User Adjusted  
gpm is based on 100 psi

☐ **M-R1250SNJ — 2.5"NH**  
Automatic Pressure Nozzle  
150-1250 gpm flow range  
(600-4500 l/min)

### SAFE-TAK 1250 BASE w/CHOICE OF INLETS

Choose One Option ☒

**XFH-\***  
SAFE-TAK 1250  
Portable Base



☐ **XFH-1NP**  
Single 4"NH  
(100mm)

☐ **XFH-1ST**  
Single 5"Storz  
(125mm)

☐ **XFH-1NL**  
Single 3"NH  
(75mm)

☐ **XFH-1NR**  
Single 4.5"NH  
(115mm)

☐ **XFH-1SX**  
Single 6"Storz  
(150mm)

☐ **XFH-1NN**  
Single 3.5"NH  
(90mm)

☐ **XFH-1SP**  
Single 4"Storz  
(100mm)

☐ **XFH-2NJ**  
Dual 2.5"NH  
(65mm)

### CHOICE OF EXTEND-A-GUN

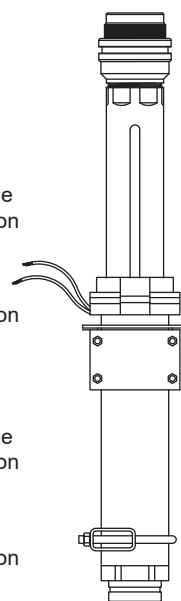
Choose One Option ☒

☐ **XG12PL-XL**  
3" Tapered Pipe Male  
12" Extended Position

☐ **XG12VL-XL**  
3" Victaulic (75mm)  
12" Extended Position

☐ **XG18PL-XL**  
3" Tapered Pipe Male  
18" Extended Position

☐ **XG18VL-XL**  
3" Victaulic (75mm)  
18" Extended Position

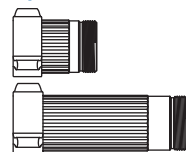


### CHOICE OF STREAM STRAIGHTENER

Choose One Option ☒

☐ **XF-SS5**  
5" 2.5" NH

☐ **XF-SS10**  
10" 2.5" NH



### CHOICE OF 3" BRACKET SET

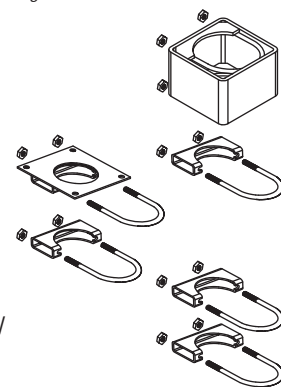
Choose One Option ☒

For safe dependable service, the Extend-A-Gun **MUST** be securely mounted. To make the Extend-A-Gun as versatile as possible, three mounting bracket kits are offered.

☐ **XGB-13**  
TUBE/  
SADDLE

☐ **XGB-23**  
PLATE/  
SADDLE

☐ **XGB-33**  
SADDLE/  
SADDLE



# Pumper Combination Package Hurricane and Extend-A-Gun



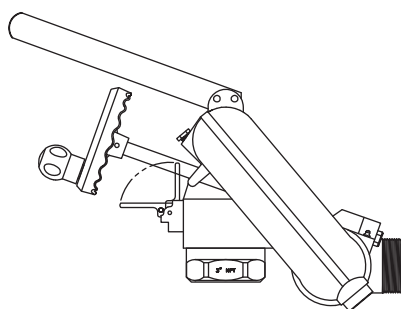
XFC-63

**\$4935.00**

## XFC-63 PACKAGE CONTAINS:

HURRICANE Monitor  
Quad Stacked Tips  
Your Choice of Halo Master Nozzle  
Your Choice of Stream Straightener  
Your Choice of Manual Extend-A-Gun  
Choice of Mounting Bracket Set

## FIXED STATION MONITOR & QUAD TIPS INCLUDED



### XFI-PLNJ HURRICANE MONITOR

3" (75mm) Female NPT Inlet  
2.5" NH (65mm) Outlet  
1250 gpm (4500 l/min)



### MST-4NJ — 2.5"NH

4 Stacked Tips  
Laser Engraved Flow Charts

## CHOICE OF STREAM STRAIGHTENER

Choose One Option ☒



### XF-SS5

5" (125 mm) vane length



### XF-SS10

10" (250 mm) vane length

## CHOICE OF EXTEND-A-GUN

Choose One Option ☒



### XG12PL-PL

3" Tapered Pipe Male  
12" Extended Position



### XG12VL-PL

3" Victaulic (75mm)  
12" Extended Position



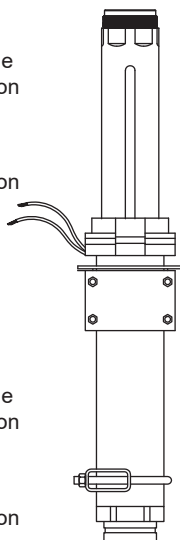
### XG18PL-PL

3" Tapered Pipe Male  
18" Extended Position



### XG18VL-PL

3" Victaulic (75mm)  
18" Extended Position



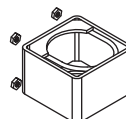
## CHOICE OF 3" BRACKET SET

Choose One Option ☒

For safe dependable service, the Extend-A-Gun **MUST** be securely mounted. To make the Extend-A-Gun as versatile as possible, three mounting bracket kits are offered.



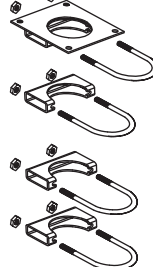
### XGB-13 TUBE/ SADDLE



### XGB-23 PLATE/ SADDLE

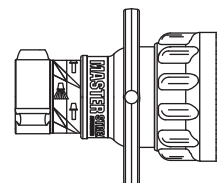


### XGB-33 SADDLE/ SADDLE



## CHOICE OF NOZZLE

Choose One Option ☒



### M-R1000-NJ — 2.5"NH

Automatic Pressure Nozzle  
150-1000 gpm flow range  
(600-4000 l/min)



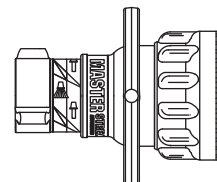
### M-RS1000-NJ — 2.5"NH

Selectable Flow Nozzle  
250, 350, 500, 750 or 1000 gpm  
Flow is User Adjusted  
gpm is based on 100 psi



### M-RF1000-NJ — 2.5"NH

Fixed Flow Nozzle  
1000 gpm (4000 l/min) max  
Must Specify Flow & Pressure

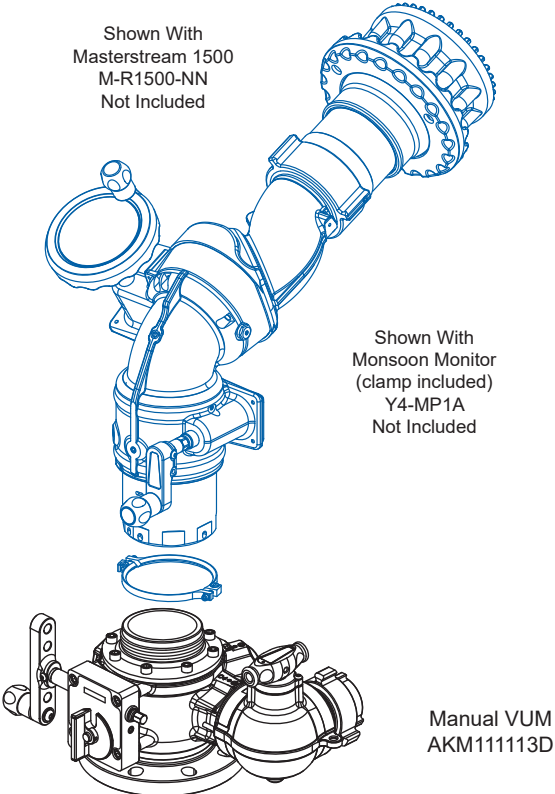
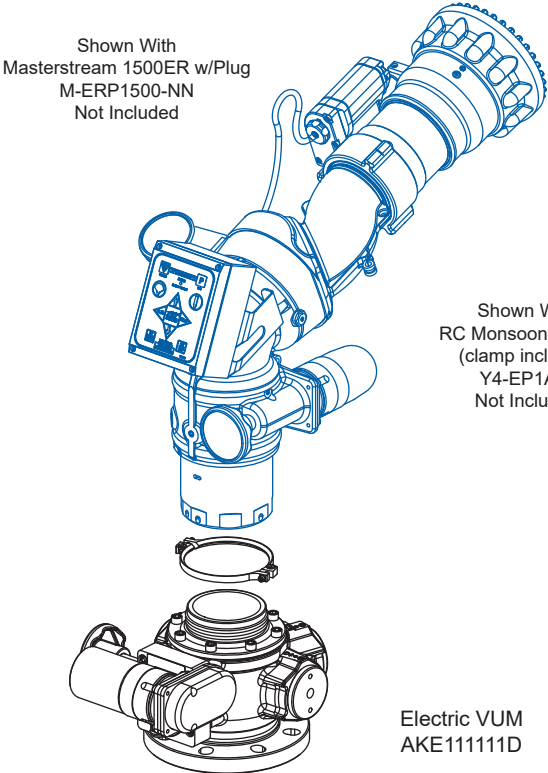


### M-R1250SNJ — 2.5"NH

Automatic Pressure Nozzle  
150-1250 gpm flow range  
(600-4500 l/min)

VALVE UNDER MONITOR

The Valve Under Monitor (VUM) is a lightweight, low friction-loss valve and manifold for installation directly beneath monitors on ladders and platforms. The VUM combines the robust valve mechanism from the TFT Ball Intake Valve with a 4" ANSI 150 inlet and up to four 2.5" outlets. The 2.5" outlets are available with integrated valves, male hose threads or female pipe threads. Maximum operating pressure is 300 psi (21 bar). When paired with a TFT monitor, the monitor flange is omitted for additional weight savings and ease of installation. Electric remote controlled (RC) models may be controlled from a dedicated panel mount control, customer supplied switches or from TFT RC Monitor Operator Stations. RC models are designed for 12 VDC or 24 VDC operation, selection is automatic. RC models include an interface enclosure to connect external control signals. These signals can either be hard wired or from a CANbus output module. The interface enclosure includes two relays for customer feedback of open or closed valve status. The interface enclosure is factory configured to accept +12/24 VDC signals, but can be reconfigured in field to accept ground signals.



ACCEPTABLE MONITOR INSTALLATIONS		
TFT CODE-RPF AND QUICK CONNECT MONITORS MEASURING LESS THAN 19	FLANGED MONITORS MEASURING LESS THAN 16"	FLANGED MONITORS MEASURING GREATER THAN 16"
MONSOON Y4-MP1A or MQ1A MONSOON Y4-TP1A or TQ1A MONSOON RC Y4-EP1A or EQ1A TYPHOON Y5-DP1A or DQ1A TYPHOON Y5-MP1A or MQ1A TYPHOON Y5-TP1A or TQ1A TYPHOON RC Y5-EA1A-L TYPHOON RC Y5-EP1A-L or EQ1A-L TYPHOON RC Y5-EP1A-P or EQ1A-P HURRICANE XFIH-DP1A or DQ1A HURRICANE XFIH-TP1A or TQ1A HURRICANE RC XFIH-EN1A or EQ1A TORNADO Y2-T11A or TV1A TORNADO RC Y2-E11A or EV1A	HURRICANE XFI-FPNJ HURRICANE XFIE-FPNJ HURRICANE XFIH-D21A* HURRICANE XFIH-T21A* HURRICANE RC XFIH-E21A* MONSOON Y4-M21A * MONSOON Y4-T21A * MONSOON RC Y4-E21A *	TYPHOON Y5-D21A * TYPHOON Y5-M21A * TYPHOON Y5-T21A * TYPHOON RC Y5-EA1A-L TYPHOON RC Y5-E21A-L * TYPHOON RC Y5-E21A-L20 * TYPHOON RC Y5-E21A-L80 * TYPHOON RC Y5-E21A-P *
*FLANGES (4" ANSI 150 OR DN100 PN16) CAN BE REMOVED FROM MOST TFT MONITORS IN ORDER TO USE THE CODE-RPM DIRECT CONNECTION.		

When ordering a Valve Under Monitor (VUM), choose one option from each category.

**For example:** Model AKE11111D is an electric drive, ANSI 150 Inlet, CODE-RPM (TFT Monitor Outlet) with blind plugs on ports Ports C1, C2, C3, C4 and has a Ball Drain installed.

AKM111113D is a Handwheel on side, ANSI 150 Inlet, CODE-RPM (TFT Monitor Outlet), with blind plugs on Ports C1, C2 and C3, a right hand gated elbow on port C4 and has a Ball Drain Installed.

For assistance in ordering, please call 1-800-348-2686 and speak to a nozzle specialist.