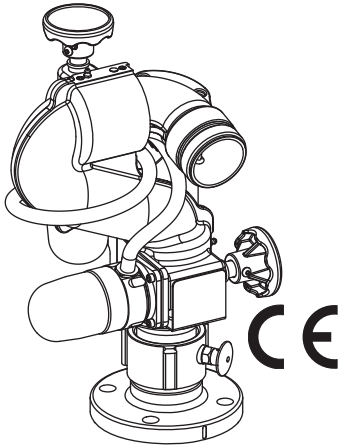


## Tornado RC Package Ordering Worksheet



**Tornado RC**  
**\$7190.00**  
Page 146

Rated to 500 gpm with a maximum operating pressure of 200 psi, the Tornado is a remotely controlled truck mounted monitor with electric remote control of rotation and elevation angle. The Tornado has an electronically operated 370° horizontal rotational travel, user installed travel limit stops, stainless steel worm gear drive, and grease zerk fittings for easy service and lubrication. The discharge elbow includes an integral stream straightener. The monitor is constructed of hard coat anodized aluminum alloy and has a silver powder coat finish inside and out.

### CONTROLLER CHOICES



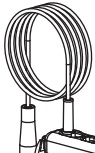
**YE-RF-BT**  
Tactile Touch Screen Controller  
**\$600.00** - Page 145



**YE-BT1**  
Bluetooth® Adapter  
**\$400.00** - Page 145



**Y4E-RP-D**  
Panel Mount Monitor Operator  
Station with Display  
**\$1260.00** - Page 174



**Y4E-CT-30-D**  
30' Tethered Monitor Operator  
Station with Display  
**\$1370.00** - Page 174



**YE-RF-900-D**  
Wireless Monitor Operator  
Station with Display  
**\$2245.00** - Page 175

For Non-Display Models See Page 174-177

### NOZZLE CHOICES

**B-TOS-ERP — 1.5" NH**  
100 PSI SELECTABLE ER TIP  
Flow Capacity of 15-120 gpm

**B-TO-ERP — 1.5" NH**  
100 PSI ULTIMATIC ER TIP  
Flow Capacity of 10-125 gpm

**B-TO-ERP-120 — 1.5" NH**  
120 PSI ULTIMATIC ER TIP  
Flow Capacity of 10-125 gpm

**B-TO-ERP-150 — 1.5" NH**  
150 PSI ULTIMATIC ER TIP  
Flow Capacity of 10-125 gpm

**BL-TO-ERP — 1.5" NH**  
75 PSI ULTIMATIC ER TIP  
Flow Capacity of 10-100 gpm  
**\$1155.00**

**MD-ERP-18A — 2.5" NH**  
100 PSI MAX-MATIC ER TIP  
Flow Capacity of 100-500 gpm  
**\$1830.00**

**HM-TO-ERP — 1.5" NH**  
100 PSI MID-MATIC ER TIP  
Flow Capacity of 70-200 gpm

**HMD-TO-ERP — 1.5" NH**  
100/55 PSI MID-FORCE ER TIP  
Flow Capacity of 70-200 gpm

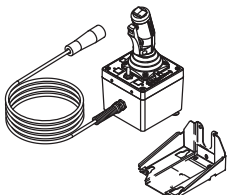
**HMDC-TO-ERP — 1.5" NH**  
75 PSI CAFS-FORCE ER TIP  
Water/CAFS 70-200 gpm

**\$1605.00**

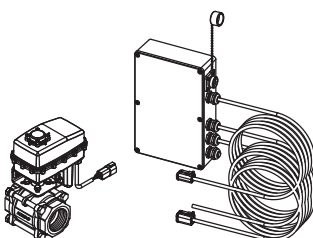
**MD-ERP-14A — 2.5" NH**  
100 PSI MAX-FLOW ER TIP  
Fixed Orifice Tip - 500 gpm  
**\$1715.00**

**MD-ERP-12A — 2.5" NH**  
100/55 PSI MAX-FORCE ER TIP  
Flow Capacity of 100-500 gpm  
**\$1880.00**

### GATEABLE JOYSTICKCONTROLS

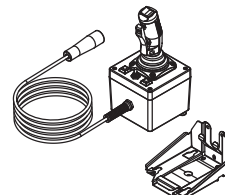


**Y4E-JS-GT**  
Joystick Monitor Operator  
Station With Gateable  
Valve Control  
**\$1385.00** - Page 176

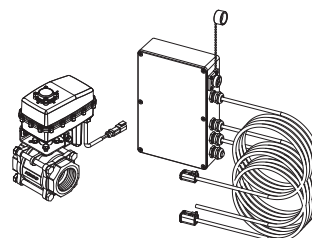


**YE-VKG-PH**  
Heavy-duty 2"  
Gateable Water Valve  
and Interface Box  
**\$2070.00** - Page 153

### NON-GATEABLE JOYSTICK CONTROLS

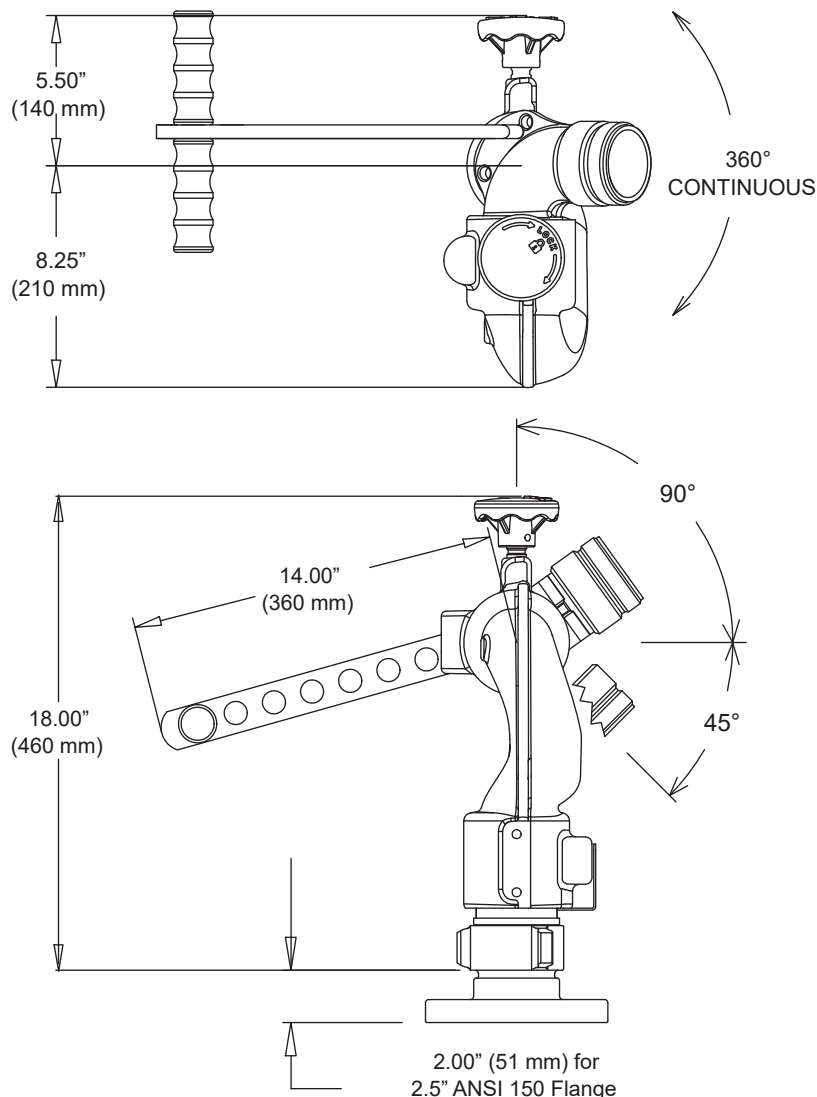
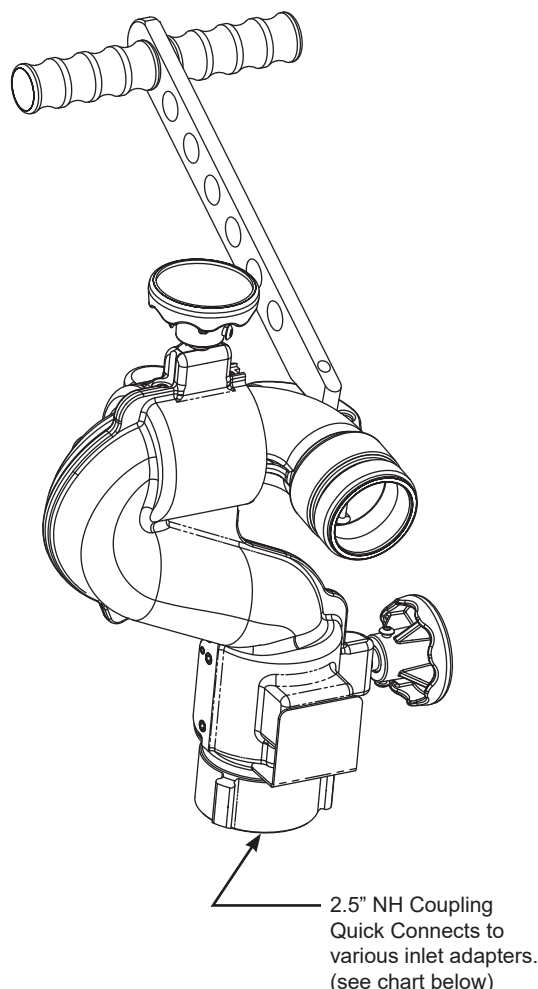


**Y4E-JS-52**  
Joystick Monitor Operator  
Station With Valve Control  
**\$1385.00** - Page 176



**YE-VK-PH**  
Heavy-duty 2"  
Water Valve  
and Interface Box  
**\$2070.00** - Page 152

The Tornado is very compact, yet it has a large 2-¼ inch waterway, capable of flowing up to 500 gpm, making it the ideal manual turret. Waterway with turning vane has only 19 psi (1.3 bar) friction loss at 500 gpm (1900 l/min). Elevation range is 90 degrees above horizontal to 45 degrees below. Has 360 degree continuous horizontal rotation. Main waterway made from hardcoat anodized ANSI 356-T6 aluminum. Silver powder coat finish inside and out. Various inlets are available.



Y2-T11A

**\$1415.00**

12.0 lb (5.5kg)

**SAMPLE PART NUMBER**

**Specify Inlet and Outlet by number from chart**

When ordering a Tornado monitor, choose one option from each category. Example: Y2-T61A is an tiller monitor with 2.5" ANSI 150 inlet and 2.5" NH male threaded outlet. For assistance in ordering, please call 1-800-348-2686 and speak to a monitor specialist.

**Y2-T**

Inlet	Outlet
1) 2.5"-7.5 NH Female <sup>§</sup>	1) 2.5"-7.5 NH Male
2) 2.5"-11 BSPT Female	2) 2.5"-11 BSP Male
3) 2.0"-11 BSPT Female	3) 1.5"-11 BSP Male
5) DN80, PN16	4) 1.5"-9 NH Male
6) 2.5" ANSI 150	8) Special 1.5"
7) 2.5"-8 NPT Female	9) Special 2.5"
8) 2.0"-11.5 NPT Female	
9) 3.0"-8 NPT Female	
0) 3.0" ANSI 150	
L) TFT Code-RLF*	
V) VUM Flange**	

\*Code-RLF fits Extend-A-Gun RC3

<sup>§</sup>No inlet adapter

\*\* Fits VUM, IVUM, HUM and OUM

**A**

## PRESSURE RELIEF VALVES

**A18 Series - PRESSURE RELIEF VALVE** - TFT's Pressure Relief Valve operates in an adjustment range from 90 to 300 psi (6 to 21 bar) with easy to see increments of 90, 125, 150, 200, 250, and 300 psi. Each pressure relief valve includes an OFF position. The pressure relief valve is NFPA 1901-2009 compliant. The aluminum casting is hardcoat anodized, and TFT-powder coat finished inside and out for maximum corrosion protection. For direct use on pump flanges, the TFT pressure relief valve works with Darley, Waterous, or Hale bolt hole patterns. Relief valves are available with 2-inch male pipe thread, 2.5-inch male NH thread, or 2.5-inch Victaulic® connection on the discharge spout. Available adapters include 2.5" and 3" NPT male and female threaded inlets for mounting the TFT pressure relief valve to plumbing. Add 1.5 inches to depth for models A1850 and A1860.

**A18\*\***

**\$285.00**

**3.0 lb (1.4kg)**

**4.50" (11.4cm) Height**

**4.50" (11.4cm) Width**

**6.50" (16.5cm) Depth**

**A18\*\***

**\$430.00**

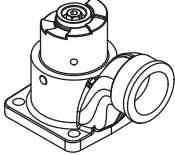
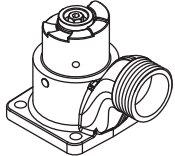
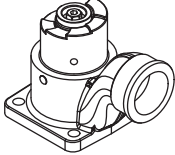
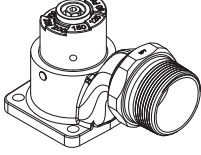
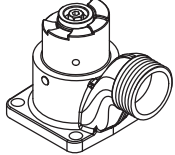
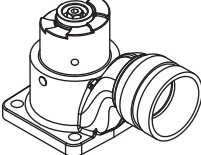
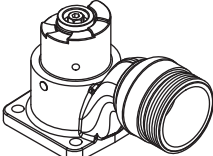
**4.4 lb (2.0kg)**

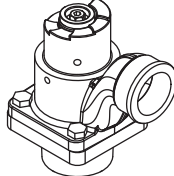
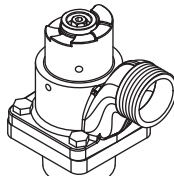
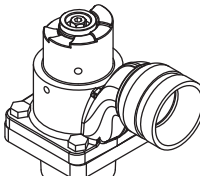
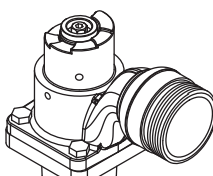
**4.50" (11.4cm) Height**

**4.50" (11.4cm) Width**

**8.00" (20.3cm) Depth**

### WITH PIPE THREADED INLET

Model	Part Number	Discharge
 Waterous/Hale (TFT Standard)	A1810	Plain
 Waterous/Hale	A1820	2 inch Male Pipe (NPT)
 Darley	A1830	Plain
 Darley	A1831	2.5 inch NPTM Outlet
 Darley	A1840	2 inch Male Pipe (NPT)
 Waterous/Hale	A1850	2.5 inch Victaulic Connection
 Waterous/Hale	A1860	2.5 inch NH Male

Discharge	National Pipe Thread Inlet			
	2.5 Inch Male Pipe	2.5 Inch Female Pipe	3.0 Inch Male Pipe	3.0 Inch Female Pipe
 Plain	A1811	A1812	A1813	A1814
 2.0 Inch NPT Male	A1821	A1822	A1823	A1824
 2.5 Inch Victaulic	A1856	A1857	A1858	A1859
 2.5 Inch NH Male	A1866	A1867	A1868	A1869

## VALVE KITS

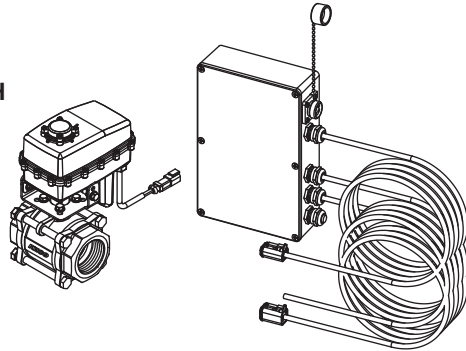
Valve operation is controlled through the **Y4E-JS-52 Joystick Monitor Operator Station** or the flow open/close button on any TFT monitor operator station membrane switch. The interface box includes pre-wired 20' cables with receptacles for monitor and water valve plug connections, a 15' cable for power connection to monitor control system, a panel-mounted receptacle with cap for the Y4E-JS-52 Joystick Monitor Operator Station connection, and an unused strain relief fitting for an additional operator station cable. The interface box and all fittings are sealed to keep water out so that it can be mounted outside the truck cab in a convenient location for connections to components.

### YE-VK-PF

**\$2070.00**

8.5 lbs (3.8 kg)

4.80"L x 7.10"W x 9.40"H  
(12.2 x 18.0 x 23.9cm)



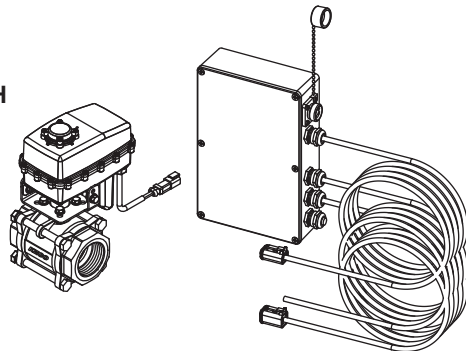
**YE-VK-PF - VALVE KIT** This valve kit includes a heavy-duty 1 1/2" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 1 1/2" NPT full port stainless steel ball valve with integral electric actuator control and cable with pre-wired plug.

### YE-VK-PH

**\$2070.00**

9.0 lb (4.0kg)

5.40"L x 7.10"W x 10.0"H  
(13.7 x 18.0 x 25.4cm)



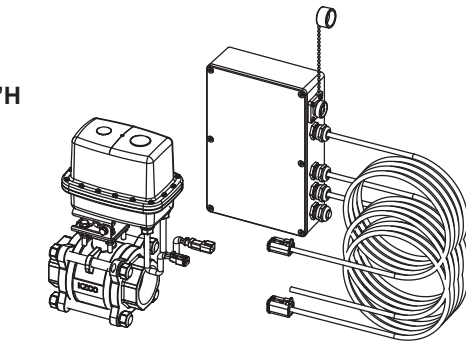
**YE-VK-PH - VALVE KIT** This valve kit includes a heavy-duty 2" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 2" NPT full port stainless steel ball valve with integral electric actuator control and cable with pre-wired plug.

### YE-VK-PJ

**\$3035.00**

23.0 lbs (13.2 kg)

6.70"L x 8.60"W x 13.70"H  
(17.0 x 21.8 x 34.8 cm)



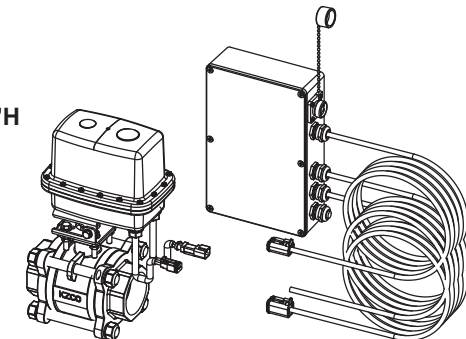
**YE-VK-PJ - VALVE KIT** This valve kit includes a heavy-duty 2 1/2" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 2 1/2" NPT full port stainless steel ball valve with integral electric actuator control and cables with pre-wired plugs.

### YE-VK-PL

**\$3540.00**

29.0 lbs (13.2 kg)

7.40"L x 8.90"W x 14.30"H  
(18.8 x 22.6 x 36.3 cm)



**YE-VK-PL - VALVE KIT** This valve kit includes a heavy-duty 3" NPT water valve and an valve interface control box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 3" NPT full port stainless steel ball valve with integral electric actuator control and cables with pre-wired plugs.

#### Valve Interface Control Box

Weight 7.0 lb (3.1kg)

Overall Dimensions:

L 8.80" (22.4cm) x W 5.80" (14.7cm) x H 2.20" (5.6cm)

(Additional clearance needed for fittings and cable)

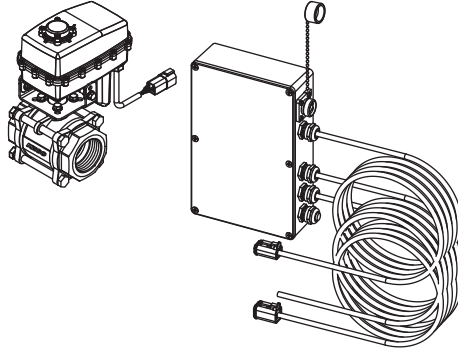
Valve operation is controlled through the **Y4E-JS-GT Joystick Monitor Operator Station** or the flow open/close button on any TFT monitor operator station membrane switch. The interface box includes pre-wired 20' cables with receptacles for monitor and water valve plug connections, a 15' cable for power connection to monitor control system, a panel-mounted receptacle with cap for the Y4E-JS-GT Joystick Monitor Operator Station connection, and an unused strain relief fitting for an additional operator station cable. The interface box and all fittings are sealed to keep water out so that it can be mounted outside the truck cab in a convenient location for connections to components.

## YE-VKG-PD

**\$2070.00**

8.5 lbs (3.8 kg)

4.80"L x 7.10"W x 8.40"H  
(12.2 x 18.0 x 23.9cm)



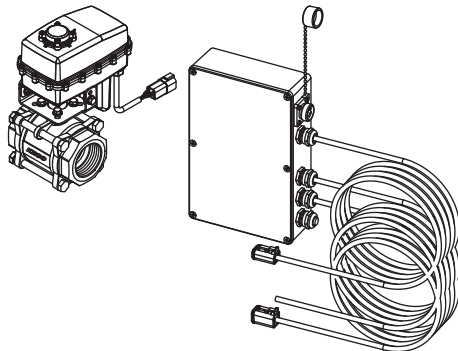
**YE-VKG-PD - GATEABLE VALVE KIT** - This valve kit includes a heavy-duty 1" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 1" NPT full port stainless steel ball valve with integral electric actuator control with valve opening position sensing and cable with pre-wired plug.

## YE-VKG-PF

**\$2070.00**

9.0 lb (4.0kg)

4.80"L x 7.10"W x 9.40"H  
(13.7 x 18.0 x 25.4cm)



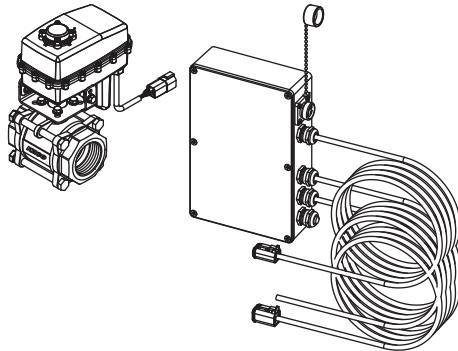
**YE-VKG-PF - GATEABLE VALVE KIT** - This valve kit includes a heavy-duty 1.5" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 1.5" NPT full port stainless steel ball valve with integral electric actuator control with valve opening position sensing and cable with pre-wired plug.

## YE-VKG-PH

**\$2070.00**

9.0 lb (4.0kg)

5.40"L x 7.10"W x 10.0"H  
(13.7 x 18.0 x 25.4cm)



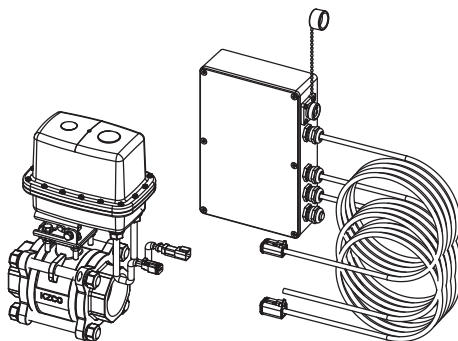
**YE-VKG-PH - GATEABLE VALVE KIT** - This valve kit includes a heavy-duty 2" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 2" NPT full port stainless steel ball valve with integral electric actuator control with valve opening position sensing and cable with pre-wired plug.

## YE-VKG-PL

**\$4245.00**

33.5 lb (15.2kg)

5.40"L x 21.0"W x 14.3"H  
(13.7 x 21.0 x 36.2cm)



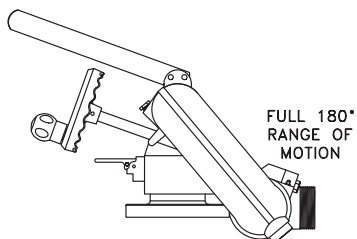
**YE-VKG-PL - GATEABLE VALVE KIT** - This valve kit includes a heavy-duty 3" NPT water valve and an interface box for simplified 12/24 volt wire connections to the monitor control system. The valve is a 3" NPT full port stainless steel ball valve with integral electric actuator control with valve opening position sensing and cable with pre-wired plug.

## Fixed Station Monitor - Up to 1250 GPM

The Task Force Tips' Hurricane is a durable, industrial, high-capacity fixed monitor. The Hurricane has high flow and low friction loss characteristics. The red powder coat finish (inside and out), and stainless steel elevation drive make the Hurricane one appliance that can stand up to tough service environments. The Hurricane is capable of flowing 1250 gpm (4500 l/min) while maintaining a FULL 360° rotational ability. The lever-action rotational lock is activated in one motion, visually confirmed, and securely holds the Hurricane in position. A built-in automatic drain protects the monitor from freezing. The placement of grease zerks allows the Hurricane monitor to be quickly and easily serviced and lubricated, and a threaded port (.25" NPT)(6mm) is provided for a pressure gauge. The Hurricane is made from hard anodized ANSI A356-T6 aluminum. The Hurricane industrial monitor comes with our exclusive 5-year warranty.

Red powder coat finish inside and out is standard. To Replace polymer handwheel controls with optional aluminum crank -Z is added to the end of the model number.

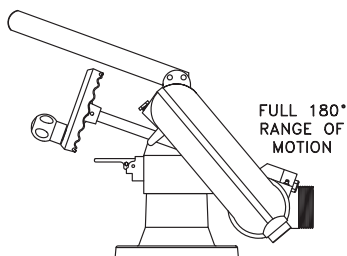
**XFI-FLNJ**  
\$1775.00  
19.6 lb (8.9kg)



**XFI-FLNJ MONITOR**  
3" ANSI (75mm), 150 flange inlet,  
4 bolts, 2.5" NH (65mm) outlet.



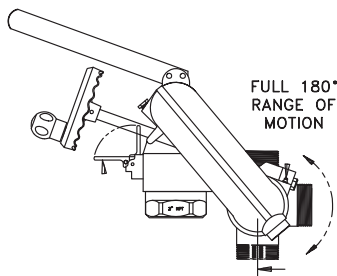
**XFI-FPNJ**  
\$1775.00  
22.2 lb (10.1kg)



**XFI-FPNJ MONITOR**  
4" ANSI (100mm), 150 flange inlet,  
8 bolts, 2.5" NH (65mm) outlet.



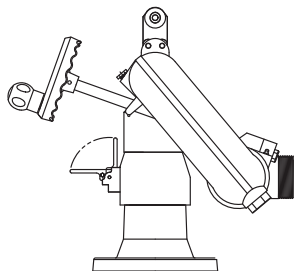
**XFI-PLNJ**  
\$1775.00  
18.2 lb (8.3kg)



**XFI-PLNJ MONITOR**  
3" (75mm) female NPT inlet,  
2.5" NH (65mm) outlet.



**XFIE-FLNJ**  
3" Flange  
Extended  
\$1775.00  
21.0 lb (9.5kg)

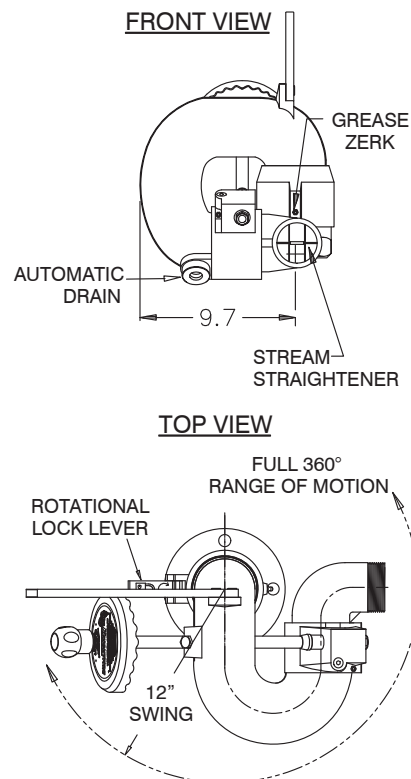


**XFIE-FLNJ MONITOR EXTENDED**  
3" ANSI (75mm), 150 flange inlet,  
4 bolts, 2.5"NH (65mm) outlet.



**XFIE-FPNJ**  
4" Flange  
Extended  
\$1775.00  
22.6 lb (10.3kg)

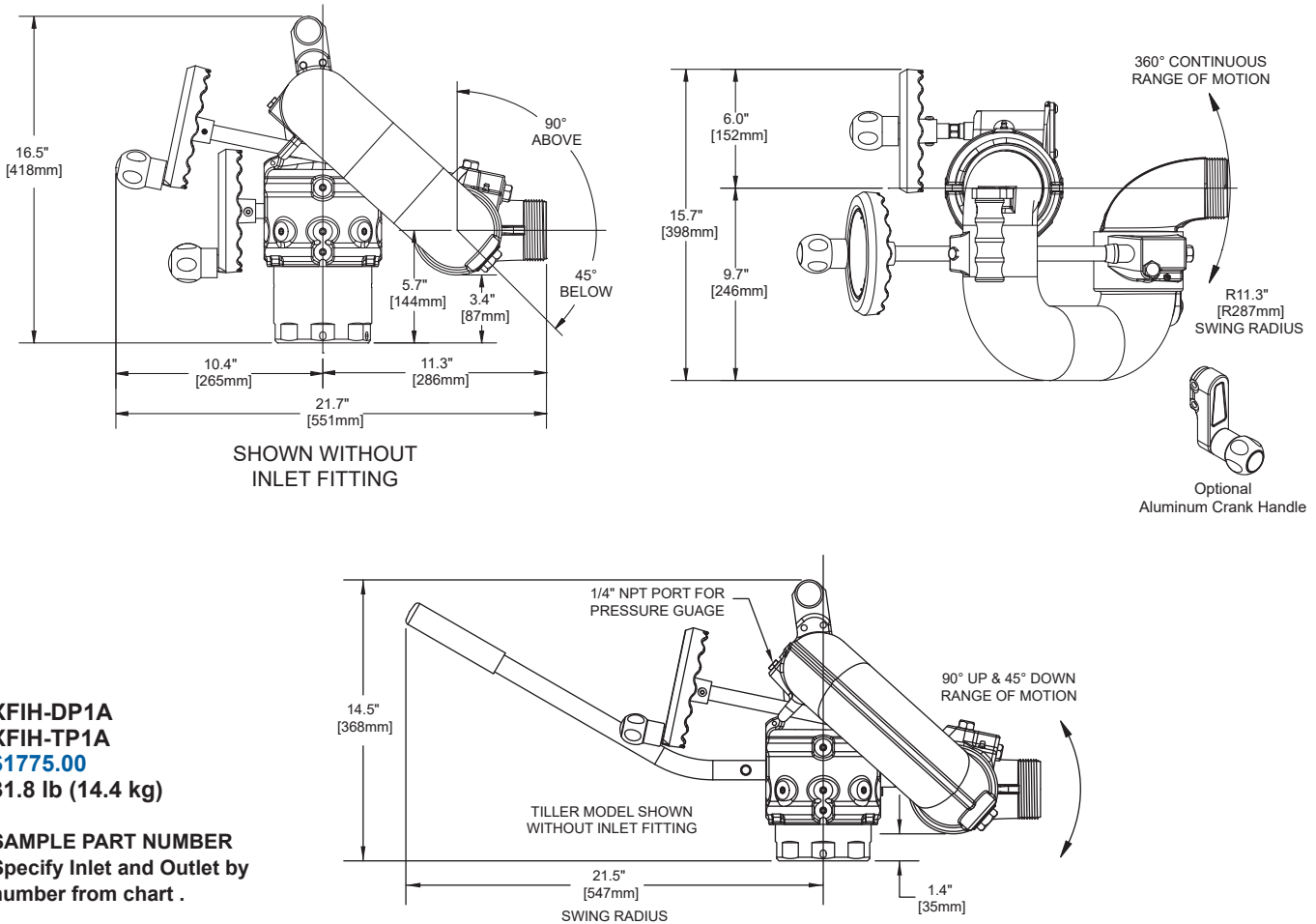
**XFIE-FPNJ MONITOR EXTENDED**  
4" ANSI (100mm), 150 flange inlet,  
8 bolts, 2.5"NH (65mm) outlet.



## Hurricane Dual Handwheel

The Task Force Tips' Hurricane is a durable, high-capacity industrial fixed monitor with low friction loss characteristics. The silver powder coat finish (inside and out), and stainless steel worm drives allow the Hurricane to withstand tough service environments. The large 3.25" (83mm) waterway will deliver up to 1250 gpm (4500 l/min). Only eleven (11) turns of the handwheel are necessary to change from vertical to the horizontal elevation setting. A built-in automatic drain protects the monitor from freezing. The placement of grease zerks allows the Hurricane monitor to be quickly and easily serviced and lubricated, and a threaded port (.25" NPT) (6mm) is provided for a pressure gauge. 2.5" male NH (65mm) outlet threads are standard. 2.5" male BSP (65mm) threads available on request. The Hurricane is made from hard anodized ANSI A356-T6 aluminum.

Silver powder coat finish inside and out is standard, except when "- Z" is added to the end of the model number. Models ending in "- Z" have American Red powder coat finish and aluminum crank handles rather than polymer hand wheels.



**XFIH-DP1A**  
**XFIH-TP1A**  
**\$1775.00**  
**31.8 lb (14.4 kg)**

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

When ordering a Hurricane Dual Handwheel or Tiller monitor, choose one option from each category. Example: Model XFIH-D11A 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. Flange Specifications are on page 218.

XFIH-				A
	D) Dual	T) Tiller		
	Inlet	L) TFT CODE-RLF*	Outlet	Optional
	1) 3" ANSI 150	P) TFT CODE-RPF**	1) 2.5" - 7.5 NH Male (65mm)	-Z) Industrial
	2) 4" ANSI 150	Q) 4.5NH Quick Connect for VUM	2) 2.5" - 11 BSP Male (65mm)	Model with
	4) DN80, PN16	R) 4.5NH Quick Connect with 4" ANSI 150	9) Special	American Red
	5) DN100, PN16	S) 4.5NH Quick Connect with 4" NPT female		powdered coat
	6) 3" NPT Female	T) 4.5"NH Quick Connect with CODE-RLF*		and aluminum
	7) 4" NPT Female	U) 4.5"NH Quick Connect with CODE-RPF*		crank handles
	8) 3" BSP Male	W) Swivel Base for Booster OSC		(omit for standard
	9) 4" BSP Male	X) TFT CODE RRM***		silver models)

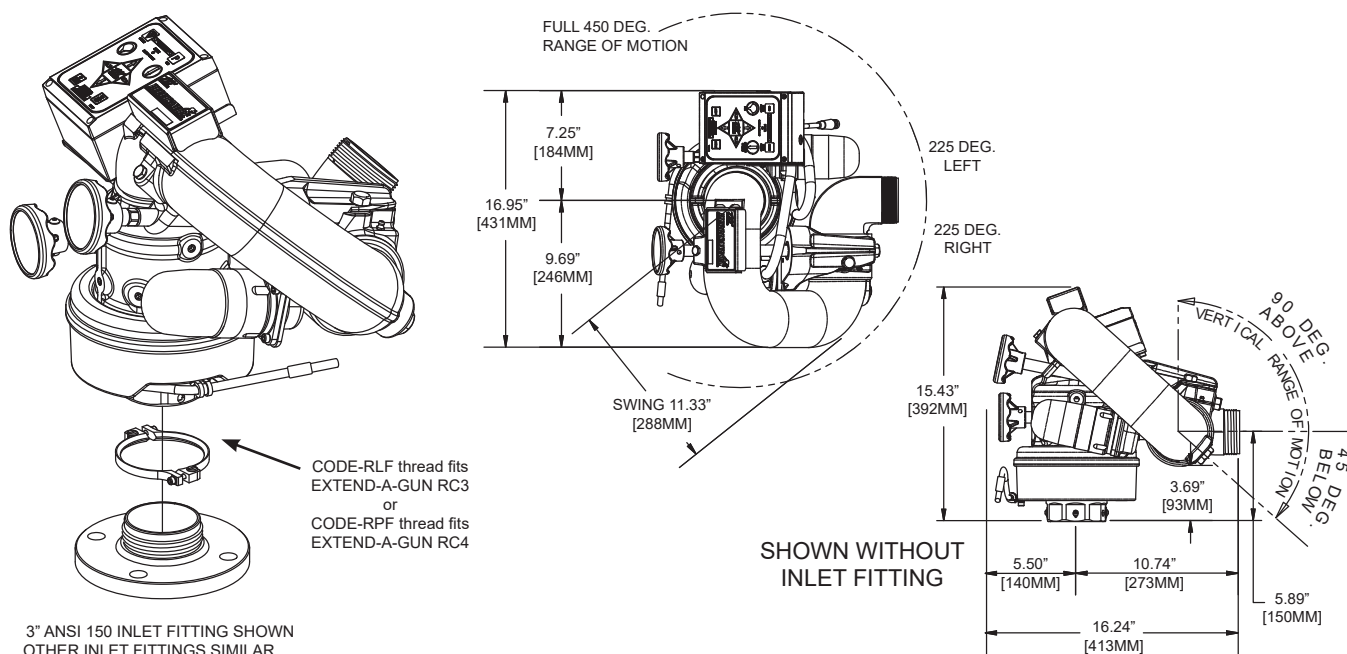
\* TFT CODE-RLF fits Extend-A-Gun and Extend-A-Gun RC3

\*\* TFT CODE-RPF fits Extend-A-Gun RC4, VUM and HUM

\*\*\* TFT Code-RRM fits 4" IVUM and OUM

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 pages 174-177 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. For wireless operation, purchase wireless operator station and radio/antenna on page 175.

All TFT RC monitors are capable of being controlled by a programmable logic controller with full three-axis position control & feedback using the Allen Bradley EtherNet/IP protocol. Contact factory for details..



**XFIH-E11A**  
**\$8005.00**  
**39.0 lb (17.7 kg)**



See pages 174-177 for control options.  
 See pages 131-134 for ER nozzles that plug into the factory installed nozzle connection.

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

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. Flange Specifications are on page 218.

### XFIH-E

		A	
Inlet	Outlet		Optional
1) 3" ANSI 150	L) TFT CODE-RLF*	1) 2.5" - 7.5 NH Male (65mm)	-Z) Industrial Model with American Red powdered coat (omit for standard silver models)
2) 4" ANSI 150	N) TFT CODE-RPF for VUM and HUM	2) 2.5" - 11 BSP Male (65mm)	
4) DN80, PN16	P) TFT CODE-RPF Extend-A-Gun RC4	9) Special	
5) DN100, PN16	Q) 4.5NH Quick Connect for VUM +		
6) 3" NPT Female	R) 4.5NH Quick Connect with 4" ANSI 150 +		
7) 4" NPT Female	S) 4.5NH Quick Connect with 4" NPT female +		
8) 3" BSP Male	T) 4.5"NH Quick Connect with CODE-RLF* +		
9) 4" BSP Male	U) 4.5"NH Quick Connect with CODE-RPF** +		
	X) TFT CODE RRM for 4" IVUM and OUM +		

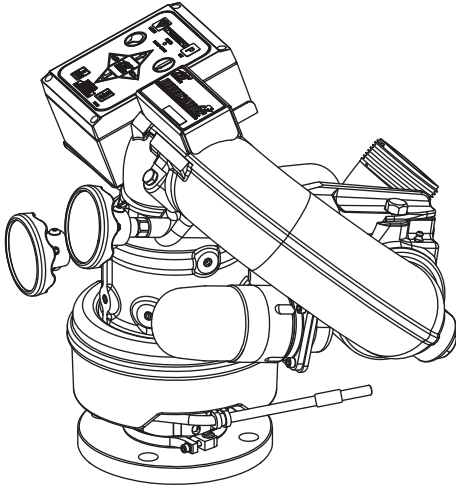
\* TFT CODE-RLF fits Extend-A-Gun and Extend-A-Gun RC3

\*\* TFT CODE-RPF fits Extend-A-Gun RC4, VUM and HUM

+ Horizontal Axis Travel Limited to ±135°

## Hurricane RC Suggested Options

Rated to 1250 gpm, the Hurricane RC is a remotely controlled fixed station or truck mounted monitor with electric remote control of rotation and elevation angle. The electric motor provides elevation control from 90° above and 45° below horizontal. The unit has an electrically operated 450° horizontal rotational travel, user installed travel limit stops, automatic drain valve, stainless steel worm gear drive, and grease zerk fittings for easy service and lubrication. User operation controls are mounted on the monitor, and include rotation, elevation and nozzle stream pattern control. Optional remote wired, tethered and wireless remote controls are available. The discharge elbow includes an integral stream straightener. The monitor is constructed of hard coat anodized aluminum alloy and has silver powder coat finish inside and out.



\$8005.00



### MONITOR CHOICE

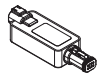
See Chart on Page 156

### CONTROLLER CHOICE



#### YE-RF-BT

Tactile Touch Screen Controller  
\$600.00 - Page 145



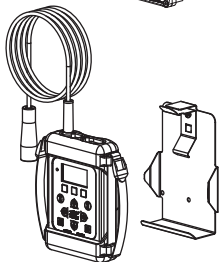
#### YE-BT1

Bluetooth Adapter  
\$400.00 - Page 145



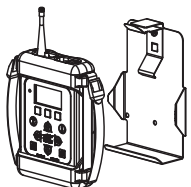
#### Y4E-RP-D

Panel Mount Monitor Operator Station with Display  
\$1260.00 - Page 174



#### Y4E-CT-30-D

30' Tethered Monitor Operator Station with Display  
\$1370.00 - Page 174

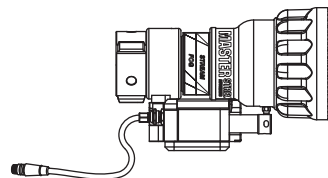


#### YE-RF-900-D

Wireless Monitor Operator Station with Display  
\$2245.00 - Page 175

For Non-Display Models See Pages 174-177

### NOZZLE CHOICE

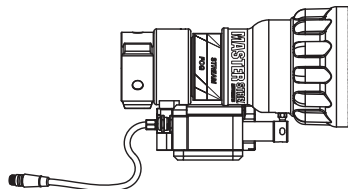


#### M-ERP1000-NJ — 2.5" NH

100 psi Master Stream 1000  
Automatic Pressure  
150-1000 gpm Flow Range

\$2035.00

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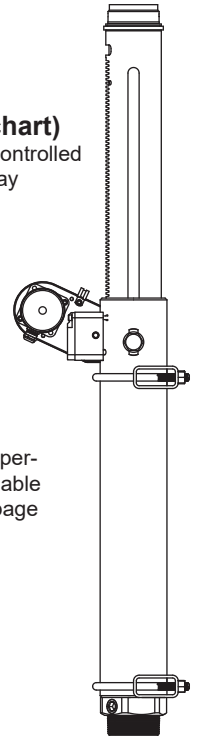
#### M-ERP1250SNJ — 2.5" NH

100 psi Master Stream 1250  
Automatic Pressure  
300-1250 gpm Flow Range

\$2035.00

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### EXTEND-A-GUN RC3



#### XGA3\*-\*\* (see chart)

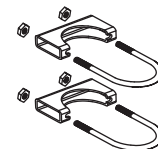
12" or 18" Remote Controlled  
Telescoping Waterway

\$4310.00

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Panel Mount RC  
Extend-A-Gun Oper-  
ator Station available  
separately, see page  
175.

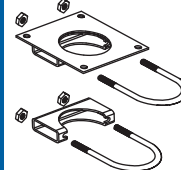
### 3" BRACKET SET CHOICE



#### XGB-33 SADDLE/SADDLE

\$140.00

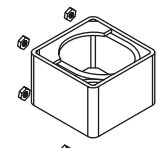
Page 139



#### XGB-23 PLATE/SADDLE

\$155.00

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#### XGB-13 TUBE/SADDLE

\$170.00

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## Manually Controlled Monitor - Up to 1500 GPM

The Typhoon is a manually operated monitor designed for flows up to 1500 gpm (6000 l/min). Maximum operating pressure is 200 psi (14 bar). Waterway with turning vane has only 19 psi (1.3 bar) loss at 1500 gpm (6000 l/min). Available with various inlet flanges and threaded fittings. Inlet also made for direct connection to TFT's Extend-A-Gun series and Valve Under Monitor series. See chart on next page for model numbers. Standard outlet is 3.5"NH (90 mm) male thread; other outlets available. Main waterway made from hardcoat anodized ANSI 356-T6 aluminum.

Silver powder coat finish inside and out is standard, except when "- Z" is added to the end of the model number. Models ending in "- Z" have American Red powder coat finish and aluminum crank handles rather than polymer hand wheels.

**Y5-D11A**  
**TYPHOON HANDWHEEL 3" ANSI INLET**  
**\$3445.00**  
**22.0 lb (10.0kg)**



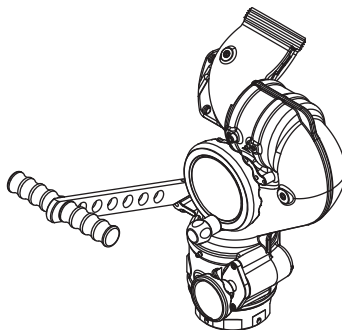
**SAMPLE PART NUMBER**  
Specify Inlet and Outlet by number from chart .



**Y5-M11A**  
**Handwheel for Elevation**  
**Tiller for Horizontal Rotation**  
**\$3335.00**  
**23.0 lb (10.4kg)**



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



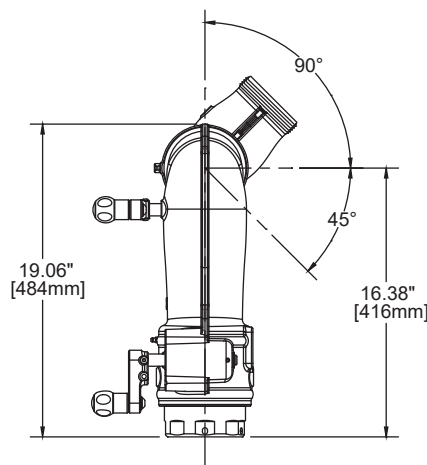
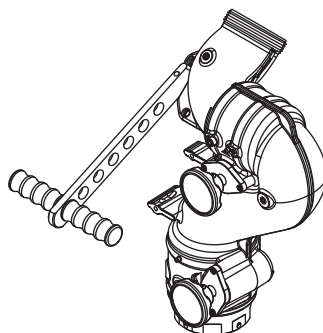
R9.5" [R240mm]  
SWING RADIUS

360°  
CONTINUOUS

**Y5-T11A**  
**Tiller with locks on both axis**  
**\$3335.00**  
**23.0 lb (10.4kg)**



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



SHOWN WITH DUAL HANDWHEELS  
AND WITHOUT INLET FITTING

When ordering a Typhoon monitor, choose one option from each category below. For example Model Y5-M21A is a manual elevation handwheel, horizontal tiller aluminum monitor with 4" ANSI 150 flange inlet and 3.5" NH male threaded outlet. For assistance in ordering, please call 1-800-348-2686 and speak to a monitor specialist. Flange Specifications are on page 218.

Y5-			A
Actuation D) Dual Handwheel M) Elevation Handwheel Horizontal Tiller T) Tiller Both Axis	Inlet 1) 3" ANSI 150 2) 4" ANSI 150 3) 6" ANSI 150 4) DN80, PN16 5) DN100, PN16 6) 3" NPT Female 7) 4" NPT Female 8) 3" BSP Male 9) 4" BSP Male	L) TFT CODE-RLF* P) TFT CODE-RPF** Q) 4.5"NH Quick Connect for VUM R) 4.5"NH Quick Connect with 4" ANSI 150 S) 4.5"NH Quick Connect with 4" NPT female T) 4.5"NH Quick Connect with CODE-RLF* U) 4.5"NH Quick Connect with CODE-RPF** W) Swivel Base for Booster OSC X) TFT CODE-RRM***	Outlet 1) 3.5"-6 NH Male 2) 3.5"-11 BSP Male 3) 3.5"-8 NPSH Male 4) 4.0"-11 BSP Male 9) Special
			Optional -Z) Industrial Model with American Red powdered coat and aluminum crank handles (omit for standard silver models)

\* TFT CODE-RLF fits Extend-A-Gun and Extend-A-Gun RC3

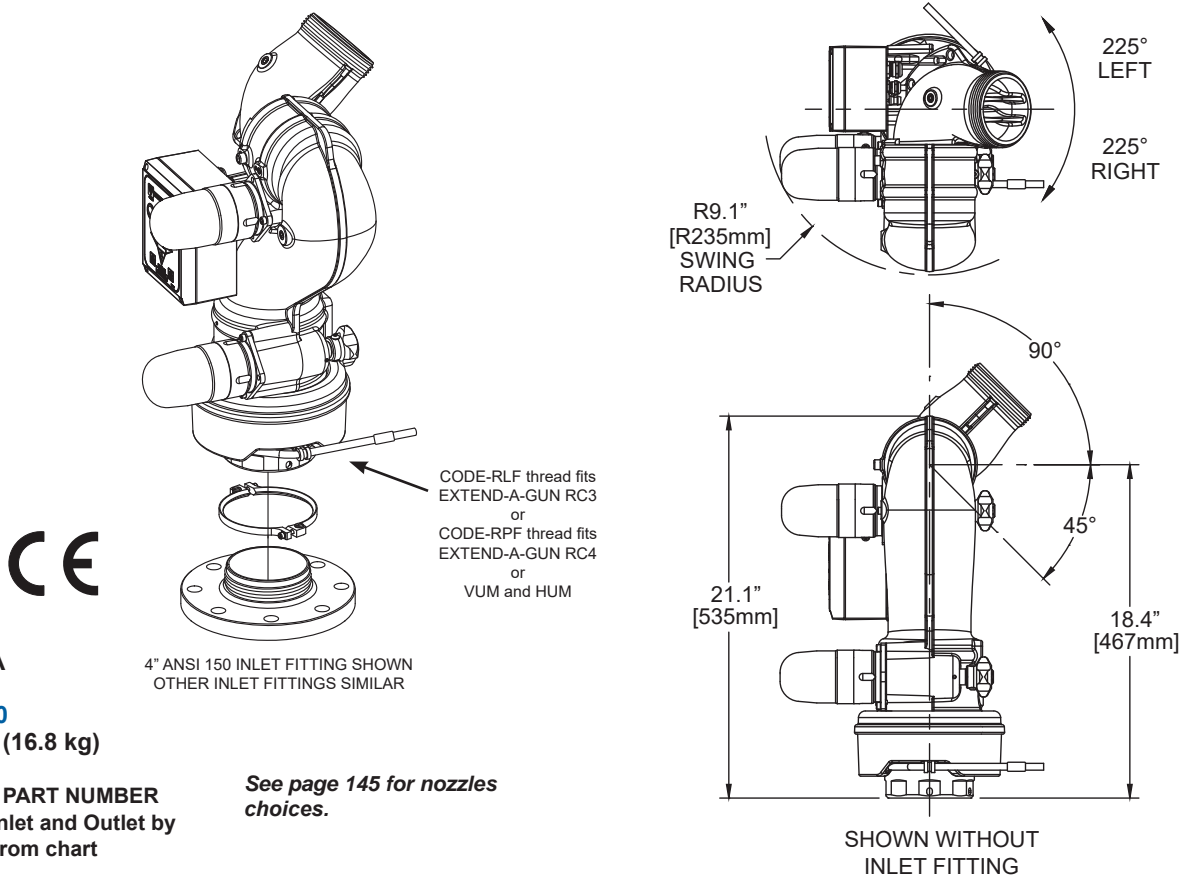
\*\* TFT CODE-RPF fits Extend-A-Gun RC4, VUM and HUM

\*\*\*TFT CODE RRM Fits 4" IVUM and OUM

## Remote Controlled Monitor - Up to 1500 GPM Designed for Pumper Applications

The Typhoon RC is an electrically operated monitor for flows up to 1500 gpm (6000 l/min). Maximum operating pressure is 200 psi (14 bar). Waterway with turning vane has only 19 psi (1.3 bar) loss at 1500 gpm (6000 l/min). Designed for 12 VDC or 24 VDC operation, selection is automatic. The Typhoon RC comes with a factory installed control panel mounted to the monitor for controlling horizontal rotation, elevation, nozzle pattern, and programmable PARK and Oscillate. See Pages 174-177 for additional control stations. The motor controls use position encoders and current limiting to protect the drive train at ends of travel. Knobs are installed so the monitor may be manually operated in the event of a power failure. Field changeable stops for horizontal travel at 45, 90, and 135 degrees either side of a center position. Horizontal travel without stops is 225 degree left and right (450 degree total). Available with various inlet flanges and threaded fittings. Inlet also made for direct connection to TFT's electric Extend-A-Gun RC3, RC4 and Valve Under Monitor Series. Main waterway made from hardcoat anodized ANSI 356-T6 aluminum. Silver powder coat finish inside and out. Standard outlet is 3.5"NH (90 mm) male thread. Other outlets available. For wireless operation, purchase wireless operator station and radio/antenna on page 175.

All TFT RC monitors are capable of being controlled by a programmable logic controller with full three-axis position control & feedback using the Allen Bradley EtherNet/IP protocol. Contact factory for details.



**Y5-E21A**  
**Electric**  
**\$8245.00**  
**37.2 lbs (16.8 kg)**

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

See page 145 for nozzles  
choices.

When ordering a Typhoon monitor, choose one option from each category below. For example Model Y5-E21A is an electric aluminum monitor with 4" ANSI 150 flange inlet and 3.5" NH male threaded outlet. For assistance in ordering, please call 1-800-348-2686 and speak to a monitor specialist. Flange Specifications are on page 218.

Y5-				A
Actuation E) Electric	Inlet 1) 3" ANSI 150 2) 4" ANSI 150 3) 6" ANSI 150 4) DN80, PN16 5) DN100, PN16 6) 3" NPT Female 7) 4" NPT Female 8) 3" BSP Male 9) 4" BSP Male	L) TFT CODE-RLF for Extend-A-Gun RC3 N) TFT CODE-RPF for VUM and HUM P) TFT CODE-RPF Extend-A-Gun RC4 Q) 4.5"NH Quick Connect for VUM + R) 4.5"NH Quick Connect with 4" ANSI 150 + S) 4.5"NH Quick Connect with 4" NPT female + T) 4.5"NH Quick Connect with CODE-RLF* + U) 4.5"NH Quick Connect with CODE-RPF** + X) TFT CODE-RRM Fits 4" IVUM and OUM +	Outlet 1) 3.5"-6 NH Male 2) 3.5"-11 BSP Male 3) 3.5"-8 NPSH Male 4) 4.0"-11 BSP Male 9) Special	Optional -Z) Industrial Model with American Red powdered coat (omit for standard silver models)

\* TFT CODE-RLF fits Extend-A-Gun and Extend-A-Gun RC3

\*\* TFT CODE-RPF fits Extend-A-Gun RC4, VUM and HUM

+ Horizontal Axis Travel Limited to  $\pm 135^\circ$