# 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 and options to make RC controls and programming simple and intuitive. Monitors have a wide range of nozzle options in various flows and pressures.**

# MONSOON® 2000

## Manually Controlled Monitor - 2000 gpm (7600 l/min)

FM APPROVED

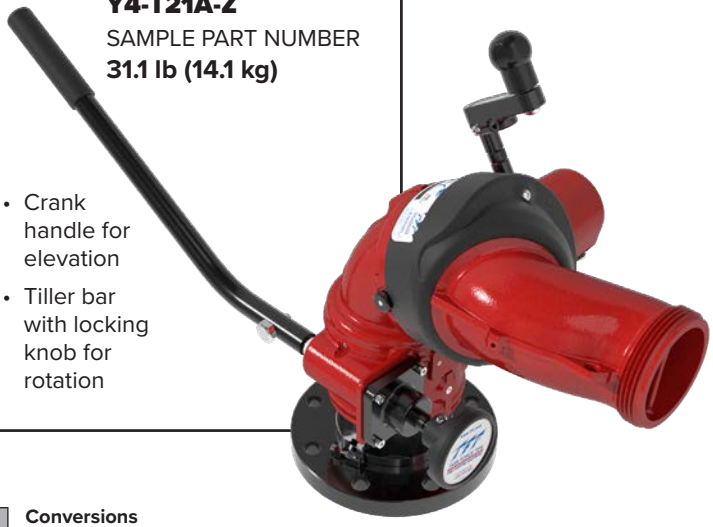
The Monsoon is a manually operated monitor designed for flows up to 2000 gpm (7600 l/min). Maximum operating pressure is 200 psi (14 bar). Unique patented segmented waterway has only 15 psi (1 bar) friction loss at 2000 gpm. Water makes very few turns as it travels through the monitor resulting in low friction loss and a far-reaching effective stream. Elevation range is 90° above horizontal to 45° below. Field changeable elevation travel stops at 45° above, 30° above, and 30° below horizontal. The manual model has continuous horizontal rotation with field changeable stops at 45, 90 and 135° either side of a center position. Available with various inlet flanges and threaded fittings. Inlet also made for direct connection to TFT's Valve Under Monitor series. 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. Standard outlet is 3.5" NH (90 mm) male thread.



**Y4-M21A**
SAMPLE PART NUMBER
**25.0 lb (11.3 kg)**

- High flow waterway design
- Crank handles for elevation and rotation



**Y4-T21A-Z**
SAMPLE PART NUMBER
**31.1 lb (14.1 kg)**

- Crank handle for elevation
- Tiller bar with locking knob for rotation

| MODEL | ACTUATION | INLET | OUTLET |
|---|---|---|---|
| Y4-M21A | Manual | 4" ANSI 150<br>DN100 PN16 Flange | 3.5"-6 NH Male |
| Y4-MP1A-P-01* | Manual | TFT CODE-RPF** | 3.5"-6 NH Male |
| **INDUSTRIAL MODELS** | **ACTUATION** | **INLET** | **OUTLET** |
| Y4-M21A-Z | Manual | 4" ANSI 150<br>DN100 PN16 Flange | 3.5"-6 NH Male |
| Y4-T21A-Z | Tiller | 4" ANSI 150<br>DN100 PN16 Flange | 3.5"-6 NH Male |

**Conversions**
3.5" (90 mm)
4.0" (100 mm)

*-Z Designates red powder coat inside and out.*

** Aerial Platform model with rotation stops at 90° left/right of center, elevation stop at 45° above horizontal, and lower profile elevation shaft*

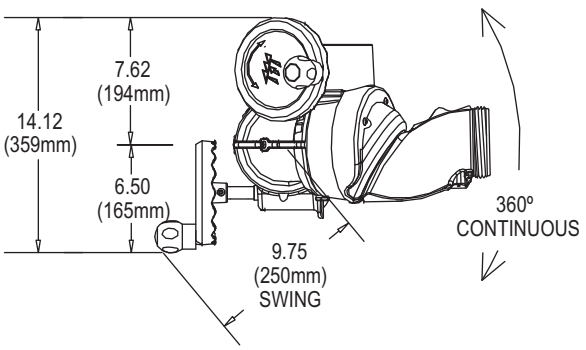
*** TFT CODE-RPF fits Extend-A-Gun RC4, and VUM*

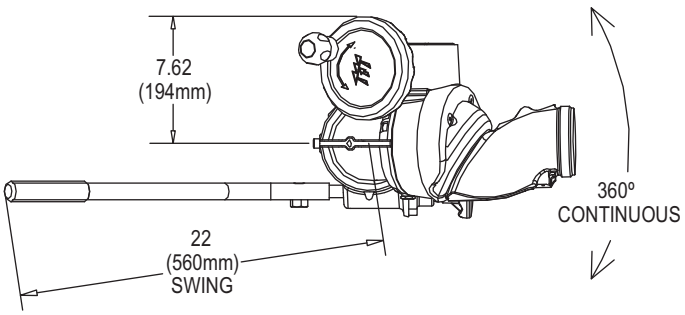
***Frequently Purchased MONSOON 3.5" Outlet Monitor Nozzles and Foam Attachments found at the end of this section.***

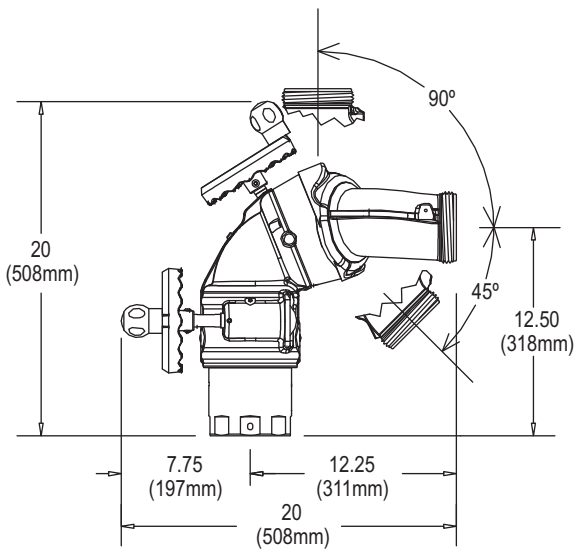
MONSOON

## 2000 GPM Manually Controlled Monitor

*The Monsoon Monitor is a manually operated monitor designed for flows up to 2000 gpm (7,600 l/min). Maximum operating pressure is 200 psi (14 bar). Unique patent pending segmented waterway has only 15 psi (1 bar) friction loss at 2000 gpm. Water makes very few turns as it travels though the monitor resulting in low friction loss and a far-reaching effective stream. Elevation range is 90 degrees above horizontal to 45 degrees below. Field changeable elevation travel stops at 45 degrees above, 30 degrees above, and 30 degrees below horizontal. The manual model has continuous horizontal rotation with field changeable stops at 45, 90, and 135 degrees either side of a center position. Available with various inlet flanges and threaded fittings. Inlet also made for direct connection to TFT's electric Extend-A-Gun RC3 or RC4. See chart on next page for model numbers. 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) rigid male thread. Other outlets are available.*



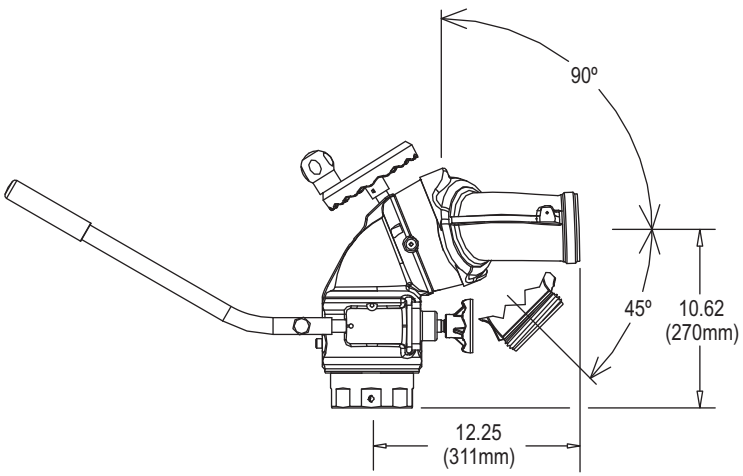

SHOWN WITHOUT INLET FITTING

Y4-M21A

**25.0 lb (11.4 kg)**

FM APPROVED

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




SHOWN WITH TILLER BAR
AND WITHOUT INLET FITTING

**26.0 lb (11.8 kg)**

FM APPROVED

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

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

*When ordering a Monsoon monitor, choose one option from each category on page 95. For example Model Y4-M21A is a manual 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 nozzle specialist.*



# MASTER STREAM & MONITOR NOZZLES

**Fire departments around the globe need a hard hitting and long reaching water stream from their monitors and water cannons. However, each department operates at different flows and pressures in fixed, selectable and automatic nozzle styles. That's why TFT offers multiple options with easy adjustment and flush features built in.**

## MASTER STREAM 1500 SERIES
### 300-1500 gpm (1100-6000 l/min)

The Master Stream 1500 has the ability to produce an excellent hard-hitting stream at any volume from 300 gpm to 1500 gpm ( 1100 - 6000 l/min). It is adjustable from a straight stream to a dense fog pattern. This nozzle features TFT's exclusive pressure adjustment knob. With a twist of the large knob on the front of the nozzle, operating pressure can be immediately adjusted to tactile detent settings between 70 and 120 psi (4.8 and 8.3 bar). At pressures other than 100 psi, maximum flow is determined by K-factor of 150. Applications include truck mounted deluge devices, aerials, fireboats, industrial applications, or where a flow of 300 - 1500 gpm (1100 - 6000 l/min) is necessary or desired.



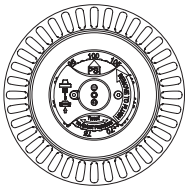
**AUTOMATIC**

**M-R1500-NL**

**M-R1500-NN**

- For TFT Hurricane, Radius, Typhoon, Flex, and Monsoon monitors
- With a twist of the large knob on the front of the nozzle, constant operating pressure can be immediately adjusted to tactile detent settings between 70 and 120 psi (4.8 and 8.3 bar)
- Continuously variable from straight stream to wide fog
- Molded rubber fog teeth with full fill power fog
- Halo ring for pattern control
- Accepts FJ-LX-M3 Low Expansion foam attachment

| MODEL | INLET | OPERATING SYSTEM | FLOW | OPERATING PRESSURE | LENGTH | WEIGHT |
|---|---|---|---|---|---|---|
| M-R1500-NL | 3.0" NH (75 mm) | AUTOMATIC | 300 - 1500 gpm (1100 - 6000 l/min) | 70 - 120 psi (4.8 - 8.3 bar) | 12.0" (32.0 cm) | 15.1 lb (6.8kg) |
| M-R1500-NN | 3.5" NH (90 mm) | AUTOMATIC | 300 - 1500 gpm (1100 - 6000 l/min) | 70 - 120 psi (4.8 - 8.3 bar) | 12.0" (32.0 cm) | 14.4 lb (6.5 kg) |



*This nozzle features TFT's exclusive pressure adjustment knob. With a twist of the large knob on the front of the nozzle, operating pressure can be immediately adjusted to settings between 70 and 120 psi (4.8 and 8.3 bar). At pressures other than 100 psi, maximum flow is determined by K-factor of 150.*

## MASTER STREAM 2000 SERIES
### 300-2000 gpm (1100-7600 l/min)

The Master Stream 2000 has the ability to produce an excellent hard-hitting stream at any volume from 300 gpm to 2000 gpm (1100 - 7600 l/min). It is adjustable from a straight stream to a dense fog pattern. The recently redesigned nozzles are substantially shorter and lighter than their predecessors. With a twist of the knob on the front of the nozzle, operating pressure can be immediately adjusted between 80 and 120 psi (5.5 and 8.0 bar). At pressures other than 100 psi, maximum flow is determined by K-factor of 230. Applications include truck mounted deluge devices, aerials, fireboats, industrial applications, or where a flow of 300 - 2000 gpm (1100 - 7600 l/min) is necessary or desired.



**AUTOMATIC**

**M-R2000-NN**

- For use on TFT Typhoon, Flex, and Monsoon monitors
- With a twist of the large knob on the front of the nozzle, constant operating pressure can be immediately adjusted to settings between 80 and 120 psi (5.5 and 8.0 bar)
- Continuously variable from straight stream to wide fog
- Molded rubber fog teeth with full fill power fog
- Halo ring for pattern control

| MODEL | INLET | OPERATING SYSTEM | FLOW | OPERATING PRESSURE | LENGTH | WEIGHT |
|---|---|---|---|---|---|---|
| M-R2000-NN | 3.5" NH (90 mm) | AUTOMATIC | 300 - 2000 gpm (1100 - 7600 l/min) | 80-120 psi (5.5-8.0 bar) | 12.1" (30.7 cm) | 18.7 lb (8.5 kg) |

# *MASTER STREAM 2000 SERIES*

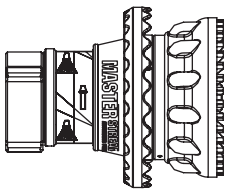
## *300 - 2000 GPM (1100 - 8000 l/min)*

***Fixed and Automatic***

*The Master Stream 2000 has the ability to produce an excellent hard-hitting stream at any volume from 300 gpm to 2000 gpm (1100 - 8000 l/min). It is adjustable from a straight stream to a dense fog pattern. The recently redesigned nozzles are substantially shorter and lighter than their predecessors and now feature TFT's exclusive pressure adjustment knob. With a twist of the knob on the front of the nozzle, operating pressure can be immediately adjusted between 80 and 120 psi (6 and 8.3 bar). At pressures other than 100 psi, maximum flow is determined by K-factor of 230. Applications include truck mounted deluge devices, aerials, fireboats, industrial applications, or where a flow of 300 - 2000 gpm (1100 - 8000 l/min) is necessary or desired.*

**PART NO. M-R7600-NN**

**18.7 lb (8.5kg)**
**12.10" (30.7cm)**




MASTER STREAM 2000 W/HALO 3.5" NH (90mm) - Automatic high volume Master Stream nozzle with a flow range of 300-2000 gpm (1100 – 8000 l/min). Continuously variable pattern from straight stream to wide fog. Includes halo ring for manual pattern control. Rubber bumper incorporates TFT "power fog" teeth for full finger-free fog pattern. Lightweight hardcoat anodized aluminum for maximum resistance to corrosion and wear. Specify coupling size (2.5", 3.0", 3.5", 4.0") (75mm, 90mm, 100mm) and threads. 3.5" NH (90mm) rocker lug swivel coupling is standard.

.

# 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



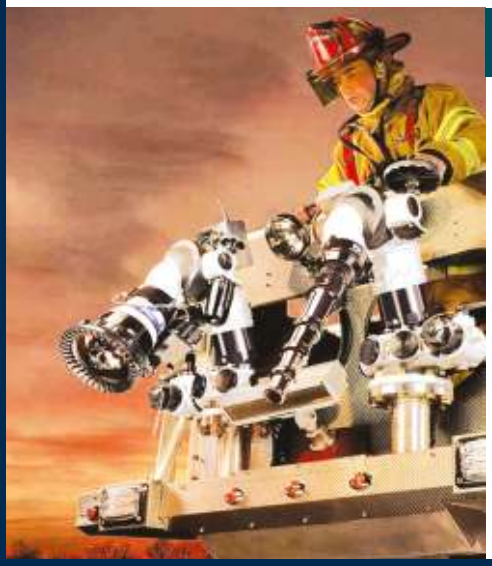
**Blitzfire**
**Oscillating Portable Monitor**
400-2000 LPM , Dual Pressure

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

**FOREMOST TECHNICO PVT LTD**
M-1, Green Park Extn, New Delhi-110016, India.

011-26196982 | foremosttechnico@gmail.com | www.foremostsafety.com