

Innovative Firefighting Products



TASK FORCE TIPS®
FIRE FIGHTING EQUIPMENT

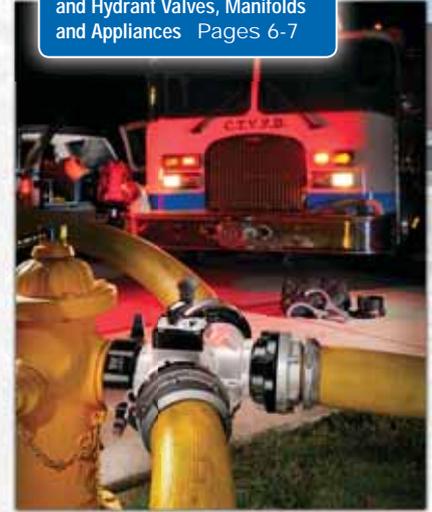


TASK FORCE TIPS®

FIRE FIGHTING EQUIPMENT

Water Supply Equipment: Intake and Hydrant Valves, Manifolds and Appliances Pages 6-7

From a simple sketch on a napkin by founder Clyde McMillan that started the company over 40 years ago, Task Force Tips Incorporated, today designs, manufactures, and delivers innovative high performance products and agent delivery solutions to emergency responders around the world.

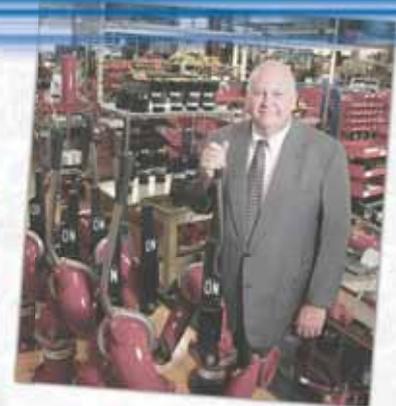


TASK FORCE TIPS, INC. SAVES LIVES AND PROTECTS PROPERTY BY DESIGNING AND MANUFACTURING



Handheld Nozzles: Fixed and Selectable Gallonage, Automatic, Low Pressure and Dual Pressure Pages 4-5

From handheld nozzles to high volume water flow appliances or fixed, portable and remote control monitors, Task Force Tips dedication to product innovation, safety and rugged dependability is recognized and trusted by emergency responders worldwide.



KK PRODUCTS
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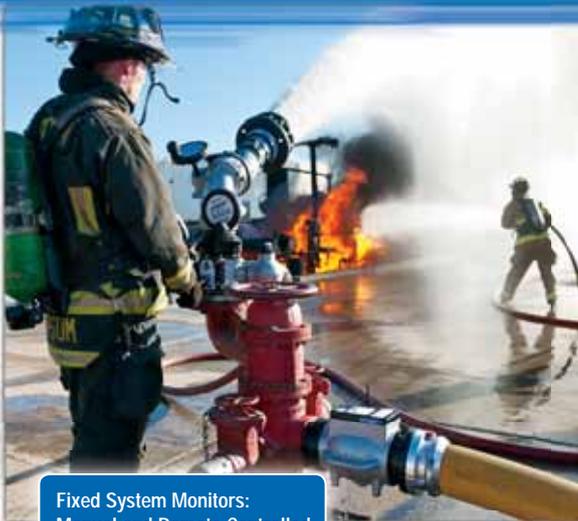




Portable Firefighting Monitors:
Transportable Monitors, and
Mounting Hardware
Pages 8-9



INNOVATIVE AGENT DELIVERY SOLUTIONS WHICH EXCEED CUSTOMER EXPECTATIONS.



Fixed System Monitors:
Manual and Remote Controlled
Monitors, Integrated Valves,
Discharge Manifolds and
Master Stream Nozzles
Pages 10-15

For additional information on the complete Task Force Tips
line please visit us at www.tft.com, or call (800) 348-2686.



Foam Injection and
Application Equipment:
Eductors, Self-Educting
Nozzles, Aspiration
Nozzles and Attachments
Pages 16-17





Since 1968, Task Force Tips Has Been A Global Manufacturer of Innovative Firefighting Nozzles

Recognized by emergency responders worldwide as the inventor of the “automatic” or constant-pressure variable-flow firefighting nozzle in 1968, today Task Force Tips offers the widest range of high-performance handheld equipment available in any nozzle category to meet any operational challenge.

From the simplicity of fixed gallonage nozzles providing maximum performance at a single flow and pressure selection, to the rugged durability of our selectable gallonage nozzles, Task Force Tips remains committed to providing outstanding quality, service and support to emergency responders worldwide.

Incorporating unique features such as nozzle operator flow control, high performance fog pattern design options, and with the innovative integration of stainless steel, coated aluminum alloys and engineered polymers into all nozzle designs, Task Force Tips nozzles, automatic, fixed or selectable gallonage, are built for years of dependable performance in the toughest firefighting and industrial applications.



FIXED GALLONAGE NOZZLES

The METRO series of fixed gallonage nozzles include models that provide flows from 20 gpm (75 l/min) up to 325 gpm (1230 l/min), offer operational fireground simplicity, your choice of flow and pressure options using an exclusive disc design, and inlet coupling choices for any attack hoseline.



SELECTABLE GALLONAGE NOZZLES

QuadraFog and ThunderFog selectable gallonage nozzles, with flows from 5 gpm (20 l/min) up to 250 gpm (950 l/min), all include stainless steel shutoff valves, optional spinning or fixed fog teeth, a choice of color coded handle covers and pistol grips, and inlet coupling choices for any attack hoseline.



AUTOMATIC NOZZLES

Ultimatic, Mid-Matic, and Handline single pressure, and Mid-Force and Dual Force dual pressure automatic nozzle models with flow ranges from 10 gpm (40 l/min) up to 300 gpm (1150 l/min) integrate nozzle operator flow control, incorporate an exclusive protective debris screen, and offer inlet coupling choices for any attack hoseline.



G-FORCE NOZZLES

The G-Force series of fixed, selectable, and automatic nozzles feature flows up to 150 gpm (570 l/min), and are the next generation of nozzles designed specifically for the demanding global market. Incorporating over forty years of experience and design innovation, G-Force performance characteristics are easily customizable to meet any performance specification.



TFT Offers Flow Efficient Water Supply and Innovative Appliance Solutions to Responders Worldwide

Flow efficiency, a lightweight compact design, and long-term corrosion resistance are at the core of Task Force Tips' extensive water supply appliance research and product development processes. From the simplest adapters and fittings, to the more unique intake and distribution valves, all hardware is produced from lightweight high strength aluminum alloys, hardcoat anodized for rugged durability, and finally powder coated for outstanding corrosion resistance.

Maximizing water flow effectiveness with state-of-the-art digitally designed and tested software tools; all TFT water flow hardware has been developed to reduce size and weight while maintaining industry leading flow performance. Integrating unique components such as engineered polymer folding hands, or the exclusive quick reacting high volume pressure relief valve, all water supply fittings, valves and appliances provide a lifetime of performance in the harshest firefighting conditions.



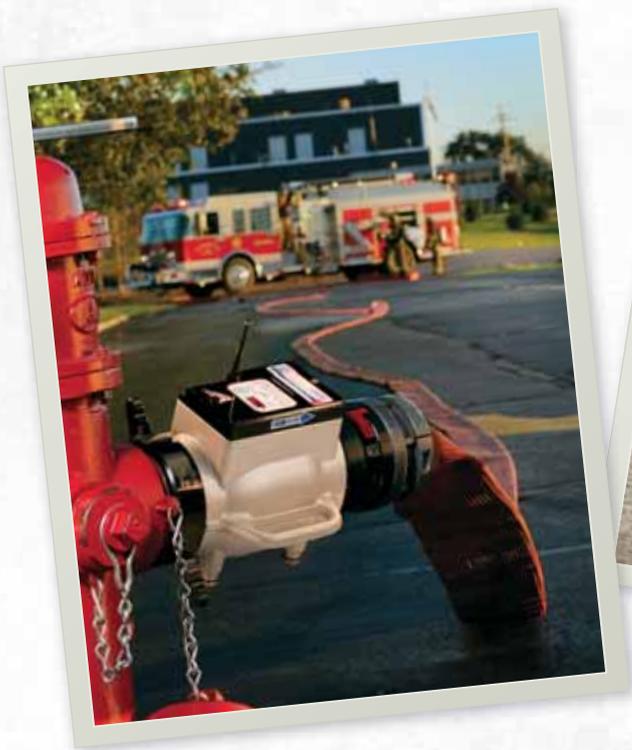
ADAPTERS, ELBOWS, CAPS AND FITTINGS

From the smallest hoseline threaded couplings to some of the largest Storz coupled supply lines; TFT offers a full line of adapters, elbows and fittings to make any hose, hydrant or appliance connection.

HYDRANT ASSIST AND SHUT-OFF VALVES

TFT's extensive line of high flowing low-loss valves for hydrants and hoselines are the ideal choice to maximize firefighting water supply operations.





INTAKE/DISCHARGE VALVES

Uniquely designed for years of service in rugged industrial environments, a wide range of intake and discharge valves provide high volume flows with low friction loss for use with fire apparatus or fixed water supply systems.



MANIFOLDS, SIAMESE AND WYES

Hundreds of models of lightweight and compact waterflow appliances offer exclusive waterway and valve closure designs, integrated fast acting pressure relief valves, and a rugged hard anodized and powder coated finish.





BLITZFORCE

Delivering flows up to 500 gpm (1900 l/min), the BlitzForce is the lightest and most compact portable monitor offered incorporating a positive locking full-flow ball valve and integrated high strength safety tie down strap.

Task Force Tips Portable Monitors Set the Standard for Lightweight, Safe and Rapidly Deployed Mobile Firefighting Equipment

When flow and reach capabilities of fixed system or apparatus mounted monitors cannot meet tactical firefighting demands, TFT's portable and transportable monitors can be quickly placed into service providing high flow stream performance in nearly any location.

Whether it is for cooling, suppression, or firefighting foam applications, all portable monitors incorporate exclusive safety designs to prevent unintentional monitor movement, are lightweight and compact, and offer a choice of high elevation, oscillating, and standard models.

Pre-designed monitor packages include choices of fixed, selectable or automatic nozzles, mounting and apparatus storage hardware, and integrate with all of TFT's high performance foam injection and application equipment.



BLITZFIRE

Providing flows up to 500 gpm (1900 l/min) TFT's most innovative series of portable ground monitors include an exclusive safety shutoff valve, a low 10 degree attack angle, an optional 86 degree above horizontal high elevation model and oscillation components for additional fire stream performance.



CROSSFIRE

Providing flows up to 1250 gpm (4750 l/min) and capable of apparatus mounted or portable ground operations, the Crossfire monitor series offers an optional Safe-Tak safety valve, spring steel carbide tipped legs, and integrated safety tie down strap.



HEMISPHERE™

Offering performance beyond that of any ground based monitor, this series of transportable monitors can provide fire flows up to 500 gpm (1900 l/min) while safely and securely mounted to I-beams, storage tank lips, or railings.



When Stream Reach and Infrastructure Protection are Critical, TFT's Fixed Monitor Systems Combine Maximum Performance with Long Term Reliability

Offering a wide range of models with flow capacities from 250 gpm (950 l/min) to 2000 gpm (7600 l/min), TFT monitors are produced from lightweight high strength aluminum alloy, hard coat anodized and finally powder coated inside and out for long-term corrosion resistance in the harshest operational environments.

With stream reach a critical performance criteria, all monitor waterway and nozzle designs are optimized to provide maximum stream quality when combined with TFT's wide choice of fixed, selectable or uniquely adjustable automatic nozzles. Self-educing firefighting foam nozzles, expansion attachments, and oscillation components are also ideal accessories for enhancing tactical monitor capabilities.

HURRICANE MONITOR

Targeting flows up to 1250 gpm (4750 l/min), the Hurricane monitor series in either manual or remote controlled configuration, is compact, maintenance free and designed for maximum stream performance. Choice of handwheel or tiller bar controls, an integrated stream straightener, automatic drain and friction lock adjustment are all standard features.

TORNADO MONITOR

When low flow applications are needed, the Tornado series, with a 500 gpm (1900 l/min) maximum, is the ideal choice for manual or remote controlled operations. Many models are offered with certifications for hazardous location use.

Operational controls are available manually with either handwheel or tiller designs, optional electrical remote controls models with can-bus, Wi-Fi and Ethernet compatibility, or wirelessly with TFT handheld controllers. With most models certified to national or international standards for hazardous locations, TFT fixed system monitors are the ideal choice when critical infrastructure must be protected.

PROTECTOR MONITOR

This simple, low maintenance monitor series is available with flanged or threaded inlets and a unique waterway design providing up to 1250 gpm (4750 l/min) flows with little loss. The PROtector monitor offers an optional high volume integrated stainless shut-off valve with a large shut-off handle as an additional low cost option.





ELECTRICAL COMPONENTS

Remote and tethered control modules using RF, Wi-Fi, can-bus, or Ethernet communication protocols are designed for rugged durability and reliability during critical firefighting operations.



MONSOON MONITOR

Flowing up to 2000 gpm (7600 l/min), the Monsoon monitor series offers a unique waterway configuration that minimizes loss and enhances the overall compact design. All aluminum alloy construction is hard coat anodized and powder coated for maximum corrosion resistance in the harshest fire protection environments.



Innovation, Durability, and Safety Drive Task Force Tip's Fire Suppression Equipment Designs

Whether manually or remotely controlled, TFT monitors, when combined with a choice of exclusive water flow components, offer maximum fire suppression and water supply performance in a cost competitive, compact and easily integrated package.

When low friction loss and maximum stream reach are demanded, TFT's fixed and remote controlled monitors and nozzles are specified. Combine this monitor performance with an oscillating boost valve and an integrated valved multi-port discharge manifold, and the integrated package performance delivers the industry's highest return on investment.



VALVE UNDER MONITOR

This 4" valve is a robust, low friction loss valve designed for installation directly beneath any monitor mounted to a 4" ANSI or DN100 PN16 Inlet Flange.



REMOTE CONTROL MONITORS AND HYDRANT VALVES

TFT monitors and nozzles of all flow ranges, as well as integrated hydrant discharge valves, can be easily configured for remote operation and control. Many models carry certifications for use in hazardous locations.

THE ULTIMATE MONITOR PACKAGE

Incorporating TFT's 1500 gpm (5700 l/min) Typhoon manually controlled monitor and a ZO 1500 gpm (5700 l/min) industrial nozzle, with the exclusive oscillating boost valve, and the revolutionary hydrant under monitor manifold, multiple fire streams and water supply operations can be quickly and simply managed simultaneously.



BOOSTER OSCILLATION VALVE

The Booster provides a secondary supply inlet allowing pressure to be boosted to the monitor and nozzle for increased flow or reach, or foam solution to be added by a supporting apparatus. The optional oscillation mechanism allows user selected oscillation of the monitor for cooling, exposure protection or vapor mitigation and can be mounted directly to the H.U.M. or any 4" ANSI inlet flange.

TYPHOON MONITOR AND NOZZLE

The uniquely configured 1500 gpm (5700 l/min) rated monitor is available with handwheel controls and incorporates a computer generated waterway design that maximizes stream quality and provides maximum reach. The ZO 1500 gpm (5700 l/min) fixed gallonage nozzle is perfectly matched to deliver a hard-hitting stream and if needed, a wide protective fog pattern.



HYDRANT UNDER MONITOR (H.U.M.)

The H.U.M. adds two configurable full flow LDH discharge ports to a dual slow-close valve design that can simultaneously or independently control the monitor and nozzle, or the LDH ports. The high strength corrosion resistant aluminum alloy design fits securely to an ANSI 150 inlet flange, and provides positive system shut off using a high volume, low friction loss quarter ball valve.



From Protection to Suppression, the Master Stream Nozzle is the Most Critical Component of Your Firefighting System

Delivering high performance fire streams from flows as low as 350 gpm (1325 l/min) up to an amazing 5000 gpm (19000 l/min), TFT provides the perfect master stream nozzle choice to compliment any fire protection monitor. Offering fixed and selectable gallonage models, as well as automatic nozzles with unique pressure adjustability, all TFT master stream nozzles, both manual and remote controlled, are designed to provide maximum reach and penetration, rugged durability, as well as a wide protective fog pattern.

The simple and rugged "Z" series of industrially designed master stream nozzles are produced from lightweight high strength aluminum alloy, hard coat anodized and fully powder coated

for long-term corrosion resistance in the harshest operational environments. Or, if the widest range of flow and operational pressure performance is what you demand, as the originator in 1968 of the constant pressure variable gallonage (automatic) nozzle, TFT today offers the most master stream nozzle choices in the emergency response marketplace.

TFT's innovative master stream nozzles can improve the performance of any firefighting monitor system either manual or remote controlled and many are approved for hazardous location use and may be configured to meet specific kFactor requirements.



Z SERIES INDUSTRIAL NOZZLES

Rugged, durable and lightweight, the "Z" series of industrial nozzles are the perfect choice of fixed monitor applications. The ZN series offers fixed gallonage choices of 350, 500, or 750 gpm (1325, 1900, or 2850 l/min), the ZM series 500, 750, 1000, or 1250 gpm (1900, 2850, 3800, or 4750 l/min) choices, and the ZO series 1250, 1500, 1750, 2000 or 2500 gpm (4750, 5700, 6700, 7600 or 9500 l/min) options.



ZN series for flows up to 750 gpm (2850 l/min)



ZM series for flows up to 1250 gpm (4750 l/min)



ZO series for flows up to 2500 gpm (9500 l/min)



AUTOMATIC SERIES INDUSTRIAL NOZZLES

TFT Automatics are designed specifically to hydraulically adjust to varying water flow conditions during an incident quickly and to always provide a hard hitting, far reaching stream.

MASTER STREAM 4000 AND 5000 INDUSTRIAL NOZZLES

For big water delivery, Task Force Tips offers the Master Stream 4000 automatic in both manual and hydraulic operational designs. And, the Master Stream 5000 is a dual gallonage 2500/5000 gpm (9500/19000 l/min) version. Available with flanged or 6" Storz inlets this master stream series provides the ultimate fire stream performance and quality.



MT series includes manual automatic with field selectable pressure control, hydraulic automatic, and dual fixed gallonage models.



M-R1250S- series of fixed, selectable and automatics including remote controlled models to 1250 gpm (5000 l/min)



M-R1500- series of automatics including remote controlled models to 1500 gpm (5700 l/min)

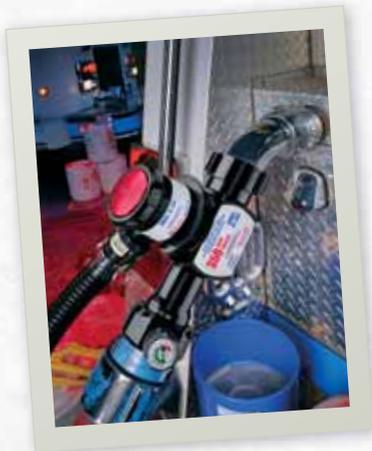


M-R2000-NP series of automatics including remote controlled models to 2000 gpm (7600 l/min)



Remote controlled nozzles from 100 gpm (400 l/min) to 2000 gpm (7600 l/min)

Firefighting Foam Injection and Applications Made Easy



Task Force Tips offers a wide range of foam injection and application products to manage the smallest flammable spill or the most challenging vapor mitigation and ignited fuel suppression operations. Developed to maximize finished foam performance with all Class A, AFFF, AFFF-AR and protein based foam concentrates, TFT produces eductors, low and multi-expansion attachments, self-educing master stream nozzles, multi-function foam nozzles, and the unique PRO/pak that are all simple to use, rugged and provide repeatable performance.





QUADRACUP AND BUBBLECUP NOZZLE SERIES

The BubbleCup and QuadraCup are exclusively designed specifically for water and foam applications with Class A and AFFF foam in a single nozzle, no attachments necessary. They are ideally suited to work with eductors, on-board foam proportioning systems, or even batch mixed foam solutions and can easily move from aspirated foam to a wide protective fog pattern in one hand motion.

THE PRO/pak

PRO/pak is a discharge side, concentrate injection system. Designed to inject liquid concentrates into a water flow at a user selectable concentrate ratio from 0.1% to 6%, this system offers dependability and ease of operation in rugged environments.



EDUCTOR SERIES

All TFT eductors are designed to provide accurate injection of all types of foam and include a unique push button flush function to remove residual foam concentrate, a quick release design to detach the metering head for storage, and injection ratios from ¼% to 6%.



MASTER FOAM NOZZLE SERIES

The Master Foam nozzle is a simple and rugged self-educing foam nozzle with superior stream quality and reach. This fixed gallonage fog nozzle is rated at 100 psi (7 bar), is available with your choice of 250, 350, 500 or 750 gpm (950, 1325, 1900, 11500 l/min) and accepts a low expansion air-aspirating attachment.

LOW AND MULTI-EXPANSION FOAM ATTACHMENTS

Air-aspirating low and multi-expansion foam-making attachments provide excellent low to medium expansion foam with a consistent bubble structure. Attachments are available for all TFT handheld nozzles and are constructed of durable U.V. stabilized polyethylene, stainless steel, and aluminum.



Task Force Tips' Sales, Service and Technical Support Teams Stand Ready to Assist You.

TFT professionals are available every hour of every day to assist and support your product specification and operational needs. Providing product demonstration and operational awareness of the entire fire suppression and water supply product line, our global team can help you solve any operational challenge.

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Support and Resources

- www.tft.com and newforce.tft.com
- 24 hour live technical service and support
- Plant tours, water flow training and education
- Minimum five year warranty on all products
- 24 hour turn-around service program (Domestic U.S. only)
- On-line catalog and product search
- On-line technical library, including operational and service manuals
- Product serialization with on-line history look-up
- On-line product and service videos

Worldwide Approval and Certifications

As well as being a Registered Firm to ISO 9001:2008 by Underwriter's Laboratory, Task Force Tips maintains product certifications and approvals from agencies around the world. All certifications are available for review on the TFT website at www.tft.com/literature, and include approvals of manual and electronic models used in hazardous locations as well as country specific requirements. All products are designed, developed and manufactured in the United States of America at our Valparaiso, Indiana world headquarters.

Made In The USA 



10001004 QM08
ISO 9001:2008
TASK FORCE TIPS, INC





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