

Water Supply Innovations



TASK FORCE TIPS[®]
FIRE FIGHTING EQUIPMENT



**BUILD
YOUR**

ULTIMATE Monitor Package

The package shown here integrates TFT's 1500 gpm (6000 l/min) rated Typhoon manually controlled monitor and a rugged industrial fixed gallonage 1500 gpm (6000 l/min) nozzle.

Other models of manual or remote controlled monitors offer flow ratings from 500 gpm (1900 l/min) to 2000 gpm (7600 l/min) with either a fixed, selectable gallonage or automatic pressure control master stream nozzle.

When your choice of monitor and nozzle are incorporated with the exclusive oscillating boost valve and the revolutionary hydrant under monitor manifold, multiple fire streams and water supply operations can be simultaneously managed quickly and simply.



BOOST VALVE / OSCILLATION MODULE

The integrated Boost Valve provides a secondary supply inlet to the monitor/nozzle system allowing pressure and flow to be boosted for increased flow, reach or for the addition of foam solution by a supporting apparatus.

The optional Oscillation Module allows user selected oscillation of the monitor for cooling, exposure protection or vapor mitigation.

The Boost Valve and Oscillation Module can be easily integrated to the Hydrant Under Monitor or any ANSI 4" flanged inlet.



MASTER STREAM NOZZLES

The 1500 gpm (6000 l/min) industrial nozzle shown here represents just one of over 25 series of models delivering fixed, selectable or automatic pressure controlled performance from 500 gpm (2000 l/min) to 5000 gpm (20,000 l/min). All are designed to deliver a hard hitting, far reaching straight stream or a wide protective fog pattern.



MONITORS

The Typhoon 1500 gpm (6000 l/min) monitor shown here, the Tornado 500 gpm (2000 l/min), Hurricane 1250 gpm (5000 l/min), and the Monsoon 2000 gpm (8000 l/min) manual and remote controlled monitors are available with handwheel controls and incorporate computer generated waterway designs that maximize stream quality and provide maximum reach.



HYDRANT UNDER MONITOR MODULE

The H.U.M. incorporates two configurable high volume large diameter discharge ports with a dual slow close valve design that can simultaneously or independently operate the monitor or the discharge ports. The high strength corrosion resistant aluminum alloy design fits securely to an ANSI 150 inlet flange and provides positive system shutoff using a high volume, low loss quarter ball valve design.





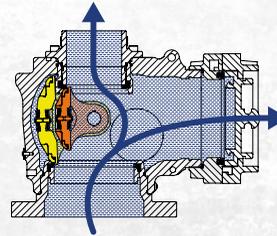
HUM

Hydrant Under Monitor

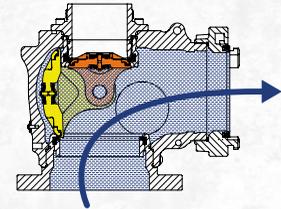
A critical component of the overall monitor package, the H.U.M. or Hydrant Under Monitor, integrates a unique 5.25" dual half-ball design and allows monitor shut off while maintaining flow and pressure to the lower discharge ports. Alternatively, the entire monitor package, monitor and discharge ports, can be closed as well. The addition of this high volume, low friction loss valve to the Ultimate package reduces overall cost, weight and size.

DUAL SHUTOFF VALVE DESIGN

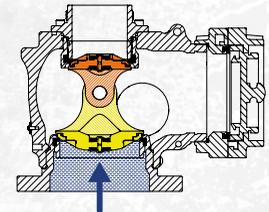
The dual hand wheel controls are clearly marked with colored reflective labeling and operate easily under rated flow and pressure conditions.



WATER FLOW TO LDH DISCHARGE AND MONITOR



WATER FLOW TO LDH DISCHARGE ONLY



WATER FLOW TOTAL SHUTOFF

CHOICE OF MONITOR AND NOZZLE COMBINATIONS

CHOICE OF LDH OUTLETS

CHOICE OF INLETS

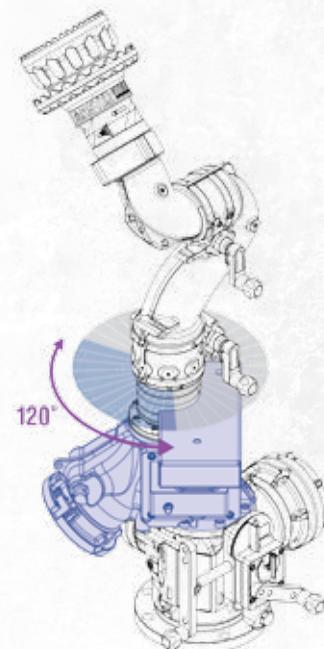
CHOICE OF VALVED DISCHARGES



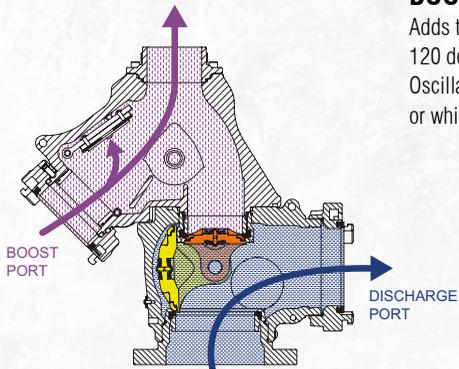


Booster Oscillator

The Boost, or Boost with Monitor Oscillate function, provides the monitor package with unparalleled enhanced fire stream performance. The Boost function allows an additional supply line to be easily added to increase pressure and flow, or to inject foam solution while the monitor is flowing. The optional Oscillating module delivers an operator determined oscillation pattern that is easily changed during operations, or manually during testing and set up.



BOOSTER OSCILLATION MODULE
OSCILLATES MONITOR UP TO 120 DEGREES

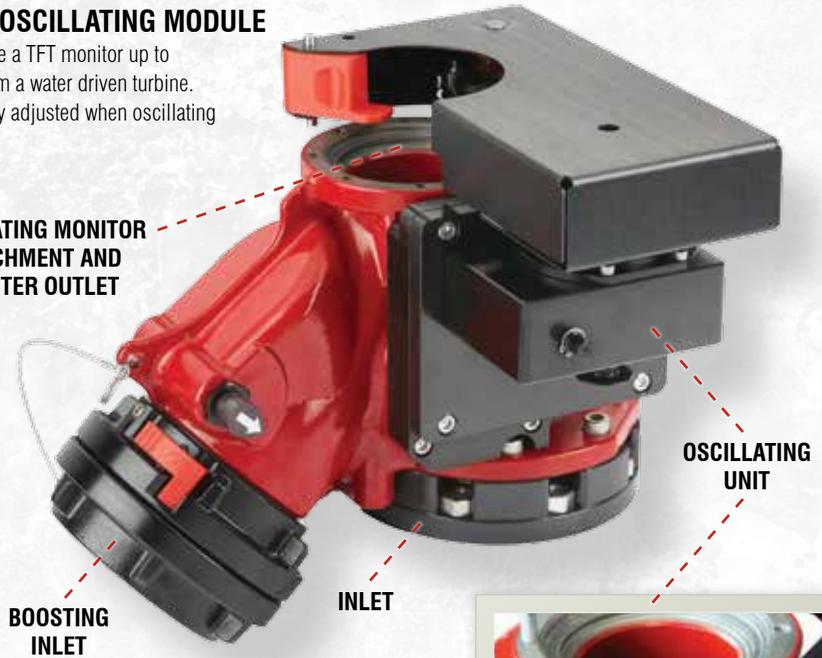


BOOST VALVE MOUNTED TO HUM FOR PRESSURE BOOST OR FOAM INJECTION

BOOSTER MONITOR OSCILLATING MODULE

Adds the capability to oscillate a TFT monitor up to 120 degrees using energy from a water driven turbine. Oscillation range can be easily adjusted when oscillating or while stationary.

OSCILLATING MONITOR ATTACHMENT AND BOOSTER OUTLET



INLET

BOOSTER MODULE

Provides a secondary clappered supply inlet allowing pressure and flow to be boosted or firefighting foam to be introduced into the stream using a pumping apparatus while the monitor is flowing.



MONITOR ATTACHMENT AND BOOSTER OUTLET

BOOSTING INLET

CLAPPER VALVE SEAL

INLET



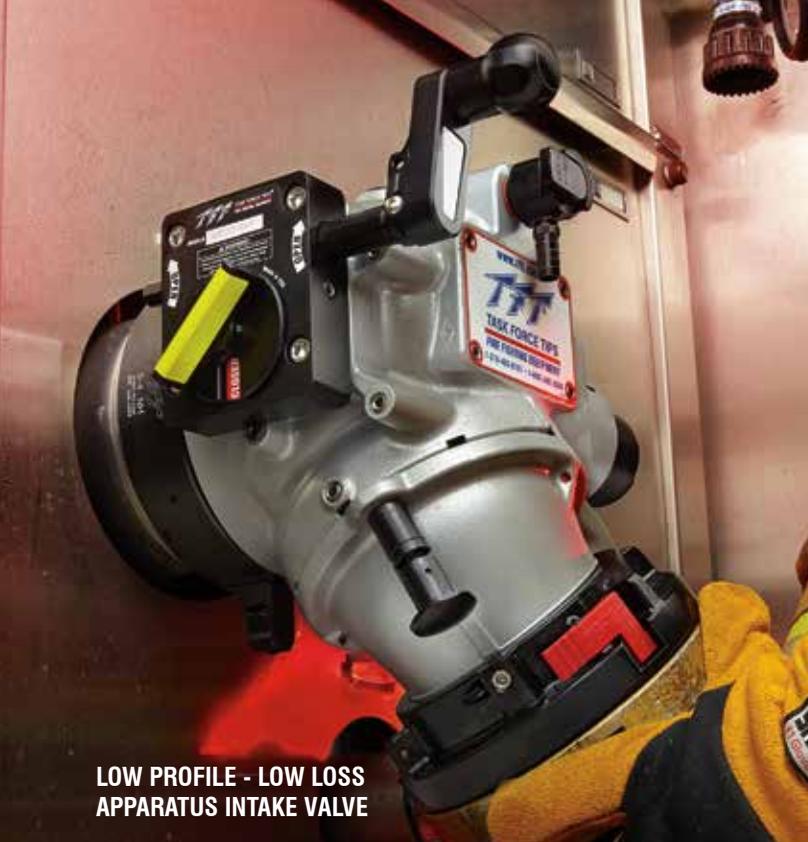
Adjustments from 0-120 degrees in 10 degree increments



Manual adjustments to oscillation can be made under non-flowing conditions



Manual control for activation or deactivation during operations



**LOW PROFILE - LOW LOSS
APPARATUS INTAKE VALVE**

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 handles, 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.



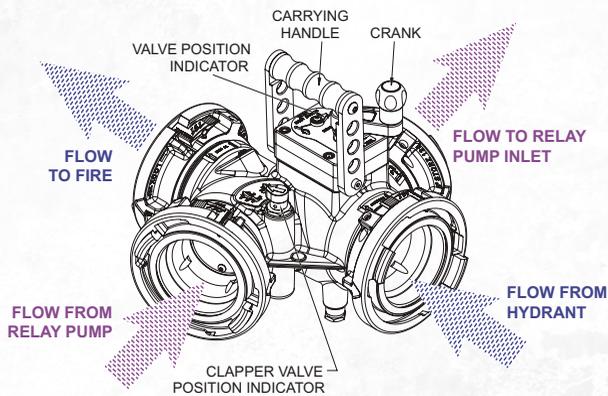
INTAKE/DISCHARGE VALVES

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.



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.



INTEGRATED VALVE UNDER MONITOR (IVUM)

This robust, low friction loss valve is easily integrated directly into the base of TFT monitors and fits any standpipe water supply connection. Valve operations are smooth throughout rated flows and pressures.

OASIS UNDER MONITOR (OUM)

An ideal choice for boosting pressure to the monitor, supplying foam to the monitor, or providing an additional supply line to an apparatus. A unique clapper design ensures no interruption of water flow during boost operations.

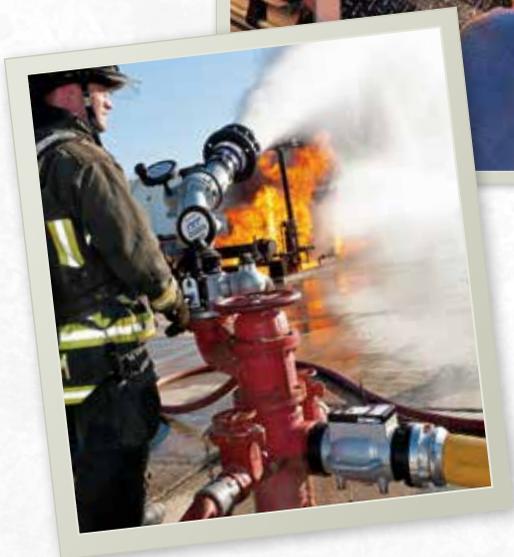
Task Force Tips' Sales, Service and Technical Support Teams Stand Ready to Assist You.

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





TASK FORCE TIPS®
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