



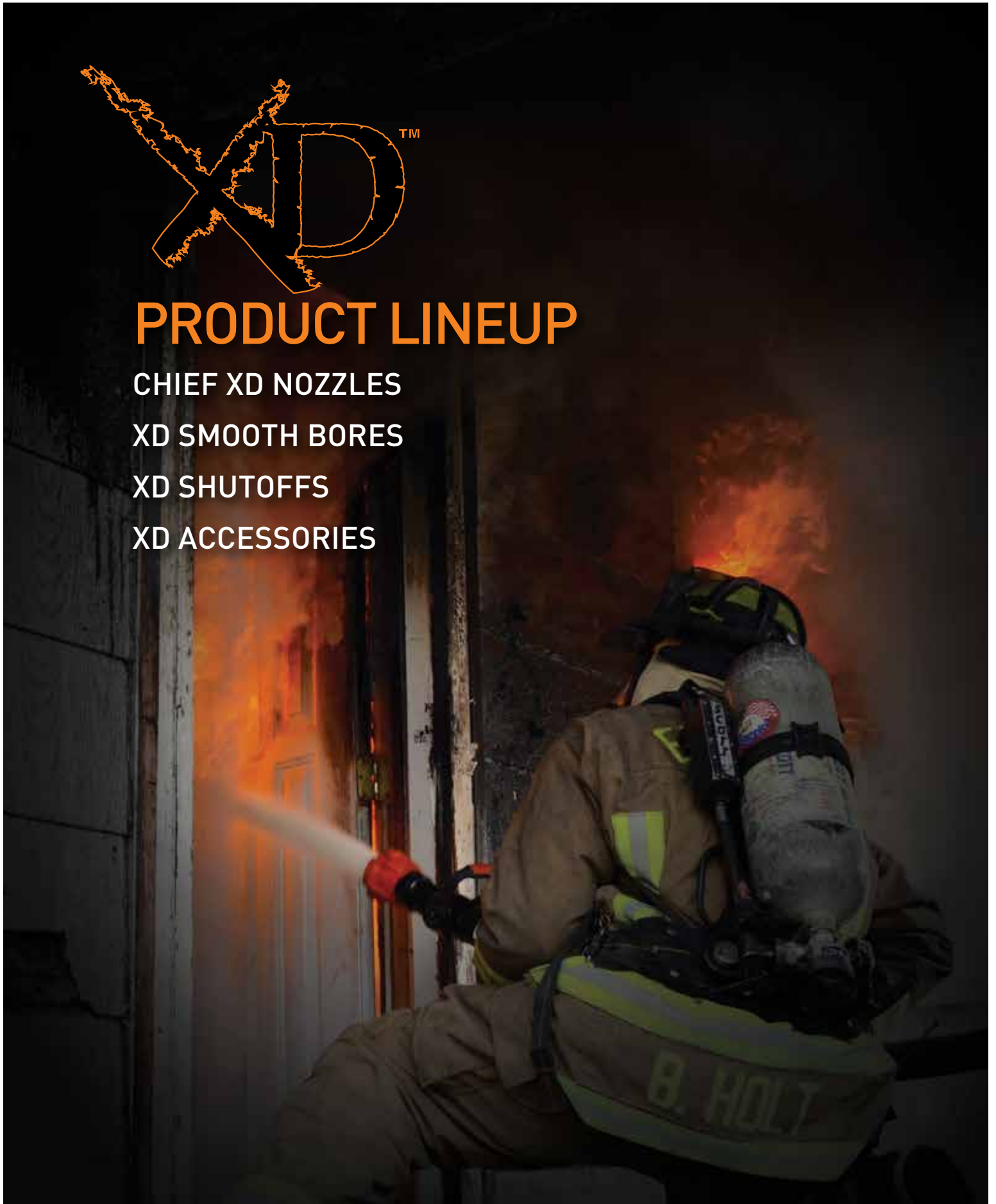
PRODUCT LINEUP

CHIEF XD NOZZLES

XD SMOOTH BORES

XD SHUTOFFS

XD ACCESSORIES



Chief XD™



5" Mid-Range Chief XD Nozzle

The Chief XD takes the industry standard for handline nozzles to a whole new level. It offers accurate high volume flows at low tip pressures and is built tough like no other nozzle for Xtreme Duty, or XD. The Chief XD is the only handline nozzle that offers a forged shutoff body and forged metal bale handle for maximum strength. It also includes as standard a full round metal ball for the best stream performance, as well as fixed molded urethane or spinning stainless steel metal teeth that don't break. All indicators and markings are laser etched, with no labels to peel off or scratch. Ergonomic grip inserts help with handling and can also be color coded. It's durability and efficiency ensures an embedded level of safety for you and your crew, fire after fire.

- Accurate & wide range of flows
- Available with 50, 75, or 100 psi operating pressure
- Fixed gallonage from straight stream to full fog
- Forged aluminum shutoff body and bale handle
- Laser etched markings
- Dual drive shutoff with full round metal ball
- Spinning stainless steel or fixed molded urethane teeth
- Color coded bumper along with bale handle & pistol grip inserts



1.5" Mid-Range Chief XD Nozzle

Chief XD Tips

Mid-Range 1.5" / Rigid Base

150 @ 50	125 @ 75	95 @ 100
160 @ 50	150 @ 75	125 @ 100
175 @ 50	175 @ 75	150 @ 100
	185 @ 75	175 @ 100
	200 @ 75	

High-Range 1.5" / Rigid Base

185 @ 50	250 @ 75	250 @ 100
210 @ 50	300 @ 75	
250 @ 50		
265 @ 50		

Chief XD Nozzles

Mid-Range 1.5" / Free Swivel Base

150 @ 50	125 @ 75	95 @ 100
160 @ 50	150 @ 75	125 @ 100
175 @ 50	175 @ 75	150 @ 100
	185 @ 75	175 @ 100
	200 @ 75	

High-Range 1.5" / Free Swivel Base

185 @ 50	250 @ 75	250 @ 100
210 @ 50	300 @ 75	
250 @ 50		
265 @ 50		

High-Range 2.5" / Free Swivel Base

185 @ 50	250 @ 75	250 @ 100
210 @ 50	300 @ 75	
250 @ 50		
265 @ 50		

Chief XD Nozzles with Pistol Grip

Mid-Range 1.5" / Free Swivel Base

150 @ 50	125 @ 75	95 @ 100
160 @ 50	150 @ 75	125 @ 100
175 @ 50	175 @ 75	150 @ 100
	185 @ 75	175 @ 100
	200 @ 75	

High-Range 1.5" / Free Swivel Base

185 @ 50	250 @ 75	250 @ 100
210 @ 50	300 @ 75	
250 @ 50		
265 @ 50		

High-Range 2.5" / Free Swivel Base

185 @ 50	250 @ 75	250 @ 100
210 @ 50	300 @ 75	
250 @ 50		
265 @ 50		



Mid-Range Tip



High-Range Tip



1.5" Mid-Range



1.5" Mid-Range



2.5" High-Range

Specify when ordering:

- Flow rate & pressure
- Bumper, bale handle, and pistol grip insert color (orange standard)
- Spinning stainless steel metal teeth (standard) or fixed molded urethane teeth
- Inlet threads

Nozzle Options

Colors

Choose bumper color, bale insert, and pistol grip insert color (orange is standard on Chief XD)



Orange



Red



Yellow



Glow



Tan



Pink



Green



Blue



Black



White



Gray



Purple

Teeth

Choose from spinning stainless steel metal or fixed molded urethane teeth.



Spinning Stainless Steel
(Standard)



Fixed Molded Urethane

Inlet Threads

- NHT (Standard)
- NPSH
- BSPP
- Others available. Please provide thread spec: ODM (Outside Diameter Male), TPI (Threads Per Inch), and Province/City. (Ex. 3.030 x 8 NYFD Thread)

Use our Online
Configurator to design
your own XD Nozzle!

XDconfigurator.com

XD™ Foam Tube



- Large air inlets to assist in adding more air to foam solution to achieve greater expansion rates
- Built in Hydroverter screen assists with solution agitation optimizing finished foam
- Composite tube design results in considerable weight reduction
- Lightweight aluminum attachment base with large single locking lever for easy attachment and detachment
- Compatible with the XD handline fog nozzle series

Designed for use when greater foam expansion rates are needed, the XD Foam Tube is an ideal accessory for any XD handline fog nozzle. The tube is an aluminum and composite design combining maximum durability in a lightweight package. The inside of the tube features a Hydroverter screen which assists in agitation and large air inlets to optimize aeration in the finished foam solution. The tube is secured by a single locking lever allowing it to be attached or removed quickly and easily.

Mid Range Foam Tube

- **PN: 03976301**
- **16.09" Overall Length**
- **3.6 Lbs.**

High Range Foam Tube

- **PN: 03976401**
- **16.77" Overall Length**
- **3.8 Lbs.**

XD™ Shutoffs



2.5" XD Shutoff with 188-XD Smooth Bore

Elkhart Brass XD Shutoffs and Playpipes are designed and constructed for rugged use and reliable performance. They are built strong with forged shutoff bodies and forged metal bale handles earning the title Xtreme Duty, or XD. They provide an excellent foundation for break-apart applications using smooth bore or fog nozzle tips. Elkhart Brass XD Shutoffs are available with a variety of options, including built-in smooth bore discharges that can be used with fog nozzle tips for maximum versatility.

- Dual drive shutoff with full round metal ball
- Forged aluminum shutoff body
- Forged metal bale handle
- Attention to detail in waterway alignment and smoothness of operation throughout
- Laser etched markings
- Color coded pistol grip and bale handle inserts



1.5" XD Shutoff with ST-185-XD Smooth Bore

XD Shutoffs

1.5" Shutoff Free Swivel Base

1.5" Inlet 1.5" Outlet

1.5" Shutoff Free Swivel Base / Pistol Grip

1.5" Inlet 1.5" Outlet

2.5" Shutoff Free Swivel Base

2.5" Inlet 1.5" Outlet

2.5" Shutoff Free Swivel Base / Pistol Grip

2.5" Inlet 1.5" Outlet

XD Shutoffs with Integral Smooth Bore

Available discharge sizes: 7/8", 15/16", 1", 1-1/16", 1-1/8"

1-3/16", 1-1/4"

1.5" Shutoff Free Swivel Base

1.5" Inlet 1.5" Outlet

1.5" Shutoff Free Swivel Base / Pistol Grip

1.5" Inlet 1.5" Outlet

2.5" Shutoff Free Swivel Base

2.5" Inlet 1.5" Outlet

2.5" Shutoff Free Swivel Base / Pistol Grip

2.5" Inlet 1.5" Outlet

XD Playpipes

2.5" Shutoff Free Swivel Base

2.5" Inlet 1.5" Outlet

2.5" Shutoff Free Swivel Base / Ladder Hook

2.5" Inlet 1.5" Outlet



1.5" XD Shutoff



1.5" XD Shutoff w/ Pistol Grip



2.5" XD Shutoff



2.5" XD Shutoff w/ Pistol Grip



1.5" XD Shutoff w/ Smooth Bore



1.5" XD Shutoff w/ Smooth Bore & Pistol Grip



2.5" XD Shutoff w/ Smooth Bore



2.5" XD Shutoff w/ Smooth Bore & Pistol Grip



2.5" XD Playpipe



2.5" XD Playpipe w/ Ladder Hook

Specify when ordering:

- Bale and Pistol Grip insert colors (black standard)
- Inlet/Outlet threads
- Integral Smooth Bore discharge size (if applicable)

XD™ Smooth Bore



1.5" XD Shutoff with 187-XD Smooth Bore



- Lightweight aluminum construction
- Laser etched flow rates
- Durable urethane molded bumper



"Short Barrel"
187-XD

"Long Barrel"
188-XD

Elkhart Brass took two classic smooth bore tips to the next level. The 187-XD and 188-XD smooth bore tips feature durable urethane bumpers and laser etching. Extra knurling has also been added for increased control and grip.

Available Sizes:

- 7/8"
- 15/16"
- 1"
- 1-1/16"
- 1-1/8"
- 1-3/16"
- 1-1/4"

Smooth Bore Single Tips

185-XD 1.5" Inlet / 1.5" Outlet / 4.5" Length

Available Discharges: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

187-XD 1.5" Inlet / 4.5" Length

Available Discharges: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

188-XD 1.5" Inlet / 7.0" Length

Available Discharges: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"



185-XD



187-XD



188-XD

Smooth Bore Stacked Tips

ST-185-XD 1.5" Inlet / 6.625" Length / FDNY Stack

Available Discharges: 1/2" & 7/8", 15/16", 1-1/8", 1-3/16"

ST-185-XD-IFD 1.5" Inlet / 7.625" Length / Indy Stack

Available Discharges: 1-1/8" & 1-1/4"

ST-185-XD-CAFS 1.5" Inlet / 6.625" Length / CAFS Stack

Available Discharges: 15/16" & 1-1/8"

ST-190-XD 1.5" Inlet / 9.0" Length / Triple Stack

Available Discharges: 1" & 1-1/8" & 1-1/4"



ST-185-XD



ST-185-XD-IFD



ST-185-XD-CAFS



ST-190-XD

Specify when ordering:

- Inlet threads (FNH or FNPSH)
- Smooth Bore discharge size (if applicable)

Nozzle Options

Colors

Chose bumper color (black is standard on XD Smooth Bores)



Orange



Red



Yellow



Glow



Tan



Pink



Green



Blue



Black



White



Gray



Purple

Bent Overhaul Tip

The Elkhart Brass Bent Overhaul Tip is a pocket size 1/2" orifice 90 degree "bent tip" which flows 50 gpm @ 50 psi. It's ideal for extinguishing pockets of fire in void spaces, shafts, attics, etc. Originally imagined by FDNY Chief George Bauer of the 16th Battalion and made by Iowa American in the early 90's it was dubbed the "Bauer Bent Tip". This tip has been re-created with valuable current end user input through field testing.



The BOT-XD fits any ST-185-XD FDNY Stack Tip.



BOT-XD
PN: 66571007

- Small and compact ideal for carrying in your turnout gear pocket
- Flows 50 gpm @ 50 psi
- Creates a powerful penetrating low flow stream ideal for overhaul operations

Legacy to XD Handline Nozzle Cross Reference Guide

Legacy Model	XD Model
4000-14 / 4000-14HR	Mid Range Chief XD Tip
4000-24	High Range Chief XD Tip
4000-16	Mid Range Chief XD Nozzle
4000-17	Mid Range Chief XD Nozzle with Pistol Grip
4000-20	High Range Chief XD Nozzle (1.5")
4000-23	High Range Chief XD Nozzle (1.5") with Pistol Grip
4000-26	High Range Chief XD Nozzle (2.5")
4000-28	High Range Chief XD Nozzle (2.5") with Pistol Grip
B-375-A	1.5" XD Shutoff
B-375-GA	1.5" XD Shutoff with Pistol Grip
B-375-AT	1.5" Shutoff with Integrated Smooth Bore
B-375-GAT	1.5" XD Shutoff with Pistol Grip and Integrated Smooth Bore
DB-375-A	2.5" XD Shutoff
DB-375-GA	2.5" XD Shutoff with Pistol Grip
DB-375-AT	2.5" Shutoff with Integrated Smooth Bore
DB-375-GAT	2.5" XD Shutoff with Pistol Grip
B-278	2.5" XD Playpipe
B-278-L	2.5" XD Playpipe with Ladder Hook
185-A	185-XD Smooth Bore Tip
187-A	187-XD Smooth Bore Tip
188-A	188-XD Smooth Bore Tip
ST-185-A	ST-185-XD "FDNY Stack"
ST-185-AIFD	ST-185-XD-IFD "Indy Stack"
ST-190-BA	ST-190-XD "Triple Stack"

EB-500-XD™ Flowmeter



The EB-500-XD portable flowmeter sets the standard for accurate and effective flow testing. The flow tube, paddlewheel, digital readout, and battery are all self-contained making this unit extremely compact. The waterway features a unique internal shape ensuring laminar flow for consistently accurate readings up to 500 gpm / 2000 lpm. The flow pickup is a paddlewheel design in the middle of the waterway increasing the reliability of the flow readings. This field programmable unit contains an internal rechargeable battery and visible status lights letting you know when the unit is low on power and when it is fully charged. Also featured is a totalizer function letting you know the total amount of water flowed.

Kit Includes:
1-EB-500-XD Portable Flowmeter
1-Carrying Case
1-Wall Charger



**Optional
Car Charger**

NFPA 1962 Flow Test Kit

The Elkhart Brass Flow Test Kit includes all essential components needed to accurately determine fire flows, friction losses, and pump discharge pressures. It is necessary equipment for conducting your NFPA 1962 flow test of nozzles, hose, and appliances, as well as comprehensive hose and nozzle training.

Kit Includes:

- 1-EB-500-XD Portable Flowmeter
- 1-Digital Handheld Pitot Gauge
- 3-Model 228A 1.5" Line Gauges
- 3-Model 228A 2.5" Line Gauges
- 1-Carrying Case



The XD Washdown Kit is ideal for post-fire clean up. It can be used to rinse off equipment and hand tools, dirty fire hose, and contaminated turnout gear. It includes an XD Washdown Nozzle, 50' of 5/8" garden hose, a Model 104-A 1.5" to GHT swivel hose reducer, and a rugged carrying bag to fit everything in it. It serves as a high-quality solution for after the fire clean up, built to last for Xtreme Duty use.

XD Washdown Kit

- XD Washdown Nozzle has a rated flow of 7 gpm @ 100 psi.
- 50' x 5/8" Garden Hose rated for pressures up to 300 psi equipped with brass couplings
- Model 104A swivel bell reducer has a 1.5" female swivel inlet X Garden Hose Thread (GHT) outlet



Brass Tacks Hard Facts



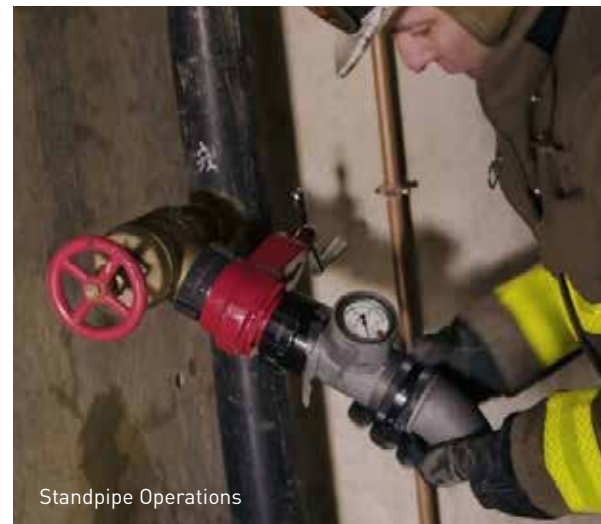
Nozzle Selection and Comparison

ENGINE COMPANY EDUCATION & FACT BASED EQUIPMENT SELECTION

Utilizing some of the country's top engine company instructors, we are checking our emotions at the door and presenting the pros and cons of the relevant engine company topics in the fire service. Part Art. Part Science.

This educational video series will be sure to leave you better informed about nozzles, flows, your fire flow system, and engine company operations as a discipline.

Watch the entire series at www.BrassTacksHardFacts.com



Standpipe Operations



Portable Monitor Attack with RAM XD

TOPICS COVERED

Standpipe Operations

Testing & Evaluation

The Nozzle

Topics of the Trade

Portable Monitors

The Art of Engine Work

Hard Facts Calculator Mobile App

EVERYTHING NEEDED FOR FLOW TESTING NOW AT YOUR FINGERTIPS!

- Smooth Bore Discharges & Flow/Pressure
- Nozzle Reaction for Smooth Bore Nozzles
- Nozzle Reaction for Fog Nozzles
- Pump Discharge Pressure for standard layouts, with ability to input hose coefficient depending on make and inside diameter
- Pump Discharge Pressure with elevation changes and appliances
- Pump Discharge Pressure for high-rise layouts
- Fire flow formula calculators for both the NFA and Iowa Formulas
- Also included in the app are direct links to the Brass Tacks Hard Facts video series



AVAILABLE FOR
FREE DOWNLOAD



Calculating Nozzle Reaction

