

# THE FLOWBUSTER™ PRODUCT LINE



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ABOUT FLOWBUSTER & FLOW TESTING



# FLOWBUSTER™ PRODUCT LINE

## 6 CURRENT PRODUCTS & ACCESSORIES

- ▶ 1) FB250 Flowbuster – 2-1/2” full Flow, Flow Diverter, FM Approved, Patented
- ▶ 2) FB175&1125 Flow Inserts – 1-1/8” & 1-3/4” Nozzle Insert, FM Approved
- ▶ 3) STFM-W Supertap Flow Meter, Remote Read Meter, Pitot-less, Pat. Pending
- ▶ 4) Flow Suppressor – Contains Spray for SAFER Testing, Pat. Pending
- ▶ 5) Master Flow Case – Reads up to (6) inputs, ranges 0-60psi, (2) gauges
- ▶ 6) Master Pressure Case – Monitors two pressure inputs, 30-0-300psi for Pump
- ▶ Accessories... Hose spacer-Stacking Connector-

- ▶ The Flowbuster is a Flow Diverter designed to provide a safe, stable platform in which to measure the flow from a high energy water discharge stream, typically from fire pumps, hydrants, or standpipes.

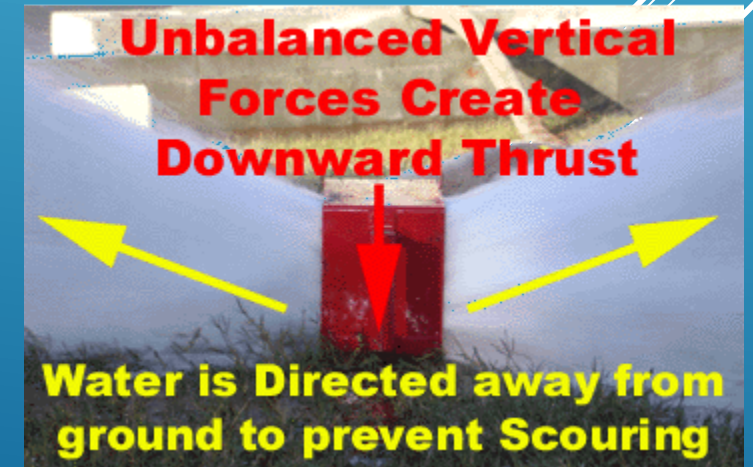


## 1) THE FLOWBUSTER



- ▶ Time Proven Design
- ▶ Stackable to 5 High
- ▶ **Self-Anchoring, Balanced Thrust Design**
- ▶ Compact, Easy to Carry, Easy to Store
- ▶ Grass Friendly
- ▶ Traps Rocks and large Debris
- ▶ Lightweight but rugged
- ▶ All Steel Construction

## 1) FLOWBUSTER FEATURES



- ▶ Time Proven Design
- ▶ **Stackable to 2-5 High... or 9!**
- ▶ Easy to store
- ▶ Compact, Easy to Carry
- ▶ **Grass Friendly**
- ▶ Traps Rocks and large Debris
- ▶ Lightweight but rugged
- ▶ All Steel Construction



## 1) FLOWBUSTER DESIGN FEATURES

- ▶ Time Proven Design
- ▶ Stackable to 5 High
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## 1) FLOWBUSTER FEATURES

- ▶ The Flowbuster is FM Approved for a specific flow range, from 466 to 1374gpm.
- ▶ Flow Inserts restrict the flow to exit at a smaller diameter.
- ▶ The modification extends the FM Approved range of use down from 466 gpm, to 110 gpm.



## 2) FLOW INSERTS

- ▶ Provides accurate flow readings at lower flows
- ▶ Only needed when testing pumps rated under 500 GPM
- ▶ Easy to Use and connect



## 2) FLOW INSERT FEATURES

- ▶ The Supertap Flow Meter was designed to remotely measure the flow of water without restricting the water stream. This feature allows more water flow than any other device at the same inlet pressure. The concave venturi design is Patent Pending.



### 3) SUPERTAP FLOW METER

- ▶ Remote Reading
- ▶ No Pitot Required
- ▶ Unrestricted Flow
- ▶ Highest flow at same inlet pressure
- ▶ **Aluminum Construction – Corrosion free**
- ▶ **Push-to-connect, swivel fittings used w/ tubing**
- ▶ Can test direct at header
- ▶ Can be used with Playpipes



### 3) SUPERTAP FEATURES

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**COMPETITION**

**FLOWBUSTER**

1-3/4" or 2"

2-1/2"

**56% more FLOW**

at the same inlet pressure

500 GPM

780 GPM

### 3) THE SUPERTAP ADVANTAGE

- ▶ Remote Reading
- ▶ No Pitot Required
- ▶ Unrestricted Flow
- ▶ Highest flow at same inlet pressure
- ▶ Aluminum Construction – Corrosion free
- ▶ Push-to-connect, swivel fitting used for tubing
- ▶ **Can test direct at header**
- ▶ **Can be used with Playpipes**



### 3) SUPERTAP FEATURES

- ▶ The Flow Suppressor is a Patent Pending device to allow for Safer testing when using flow diverters.
- ▶ The Suppressor contains or suppresses the high energy water streams exiting the Flowbuster.



## 4) FLOW SUPPRESSOR



- ▶ SAFER, lower Liability testing
- ▶ **Suppresses the high energy water discharge**
- ▶ **Water discharges calmly through fabric pores of device**
- ▶ Patent Pending Design, no current competition
- ▶ Can be used on similar, ground-based diverters

## 4) FLOW SUPPRESSOR



- ▶ SAFER, lower Liability testing
- ▶ Suppresses the high energy water discharge
- ▶ Water discharges calmly through fabric pores of device
- ▶ Patent Pending Design, no current competition
- ▶ **Debris easily collected**
- ▶ Built-in pressure relief design
- ▶ Can be used with Pitot Tube or with Flow Meter
- ▶ **Can be used on similar, ground-based diverters**



## 4) FLOW SUPPRESSOR

- ▶ The Master Flow Case monitors up to (6) pressure lines from the SUPERTAP Flow Meters. It provides an easy way to monitor and take pressure readings during testing.
- ▶ Two gauges allow cross-checking during testing and extend the range of pressure, one at 0-30psi and the other at 0-60psi.



## 5) MASTER FLOW CASE

- ▶ Can read flow readings for up to 6 flowbusters.
- ▶ Gauges easily removable, swivel fitting provided at connection point.
- ▶ Easy to service and repair.
- ▶ Two gauges standard provided with different ranges. Overlap range allows verification of gauge accuracy.
- ▶ Push-to-connect swivel tubing connections provided.
- ▶ An Isolation Valve is provided for each test gauge.
- ▶ Rugged case protects gauges.

## 6) MASTER FLOW CASE



- ▶ The Master Pressure Case monitors the pump suction and discharge pressures.
- ▶ The Case comes complete with two test gauges of your choice.
- ▶ The standard gauges are configured for a range from from 30inHg – 300psi.
- ▶ Tubing stays connected and wraps up inside case when not in use.



## 6) MASTER PRESSURE CASE

- ▶ **Stacking Connector** – Stack your Flowbusters 3-4-or 5 high for a single point discharge of the water and easy transporting and handling. Standard length is for 3 high, add-ons for 4 or 5 high.
- ▶ **Hose Spacer** – Prevents hose kinks for more accurate flow readings if using Flowbusters with the Stacking Connector.



## ACCESSORIES

- ▶ Fire Pumps – 25-5000GPM – 25–250ft hose
- ▶ Standpipes – 250GPM – 25-50ft hose
- ▶ Roof Testing – 250-750GPM – 25ft hose
- ▶ Hydrants – 500-2000GPM - 10ft hose

## 7) THE MARKET - FLOW TESTING APPLICATIONS

- ▶ **<500GPM: Small Condominiums – smaller Motels & Churches – 25ft hose**
- ▶ **500GPM: Small buildings – Apartment Bldgs – 25 ft hose**
- ▶ **750GPM: Most City Buildings & High Rise -25ft hose**
- ▶ **1000GPM: Smaller Warehouses – Some Big Box Stores - Gvt Bldgs – 25-100ft hose**
- ▶ **1500GPM: Wal-Mart – Home Depot – Lowe’s – Kohls – Sam’s Club – Big Box Retailers – Gvt Bldgs – 25-250ft hose**
- ▶ **>1500GPM: Larger Warehouses – Amazon DC Centers – Manufacturing Plants – 25ft hose**

## 7) THE MARKET - FIRE PUMP TESTING

- ▶ We flow 50% more water than other devices... at same inlet psi.
- ▶ 3" hose (with 2-1/2" ends) maximizes our flow advantage.
- ▶ We benefit by using 25Ft hose lengths - shorter hose = more flow.
- ▶ Hydrant testing requires at least one Flowbuster, full 2-1/2" diameter.
- ▶ Stacked Flowbusters require no hard-shell carrying case. Stacked and connected, Flowbusters up to 5 high are easily transported and stored. No set up assembly needed. A carrying handle is built into the design.
- ▶ Stable by design, the Flowbuster self-anchors and improves with increased flow.
- ▶ We offer a SAFER testing method when using the Pat. Pending Flow Suppressor.
- ▶ Our basic product offerings are easily upgradeable as your business grows (2PAC to 3PAC to 4PAC... Pitot tube to Remote Reading... etc).

## 7) THE MARKET - THE FLOWBUSTER ADVANTAGE

## Fire Pump Rating

- ▶ 175gpm and below: (1) 1-1/8" insert with Flowbuster
- ▶ 200-400gpm: (1) 1-3/4" insert with Flowbuster
- ▶ 500gpm: (1) Flowbuster
- ▶ 750 & 1000gpm: (2) Flowbusters
- ▶ 1250 & 1500gpm: (3) Flowbusters
- ▶ 2000gpm: (4) Flowbusters
- ▶ 2500 GPM: (5) Flowbusters
- ▶ 3000gpm: (6) Flowbusters\*\*
- ▶ 3500 & 4000gpm: (7) Flowbusters\*\*
- ▶ 4500 & 5000gpm: (9) Flowbusters\*\*

## Flowbusters Needed\*

\*This is a guideline only, based on actual field experience, using 25ft hoses. Add a Flowbuster at 1500, 2000, & 2500gpm for pressures with low residual header Pressures (<90psi or so).

\*\* In general, most fire pumps above a rating of 2500gpm are tested using flow meters. Some airports would be the exception.

7) THE MARKET – WITH MORE FLOW/HOSE...  
HOW MANY LESS FLOWBUSTERS ARE  
NEEDED TO DO THE SAME JOB???

- ▶ Pick from 4 Simple Packages, all based at a common 1500gpm baseline:  
BASIC1500GPM & 3000GPM and DELUXE1500GPM & 3000GPM .
- ▶ Basic gets the job done and Deluxe is for production... and makes a statement.
- ▶ A 1500 package should cover 90% of your fire pump testing requirements.
- ▶ A 3000GPM package should cover 99% of your future fire pump testing requirements.
- ▶ Different areas will have specific requirements that may require slight changes. It is easy to add or subtract individual items as needed to custom fit a package specifically for your area needs.

## 8) JUST STARTING? – OUR RECOMMENDATIONS

- ▶ **1) Basic 1500GPM:**
- ▶ **2) Basic 3000GPM:**
- ▶ **3) Production 1500GPM**
- ▶ **4) Production 3000GPM**
- ▶ **5) All Items are also available individually, custom mix & match**

## 8) PACKAGES

The Basic Packages include a pitot tube for you to determine your flow readings.

The Production Packages are designed For serious Production testing to make your testing faster, more efficient, and SAFER. They include the remote reading Supertap, the Suppressor, the Master Flow Case, and the Master Pressure Case.

Or – Mix and Match to your Needs!

## 9) PRICING

ITEM No	Description	Price, ea	Basic1500GPM	Basic3000GPM	Production1500	Production3000
			Quantity	Quantity	Quantity	Quantity
FB250	Flowbuster	800	3	6	3	6
FB1125	Nozzle Insert 1-1/8"	242	1	1	1	1
FB175	Nozzle Insert - 1-3/4"	242	1	1	1	1
STFM-W	Supertap Flow Meter	500			3	6
FS	Flow Suppressor	500			3	6
MFC	Master Flow Case	1250			1	1
MPC	Master Pressure Case	1350			1	1
SC	Stacking Connector - 3High	275	1	2	1	2
SA1	Stacking Adder +1 Higher	50				
HS3	Hose Spacer 3	150	1	2	1	2
HS4	Hose Spacer 4	150				
HS5	Hose Spacer 5	150				
PIT	Pitot Tube w/ Case, 2 gauges	264	1	1		
H25	Hose - 25Ft, 3" w/ 2.5" Ends	240	3	6	3	6
T4-25	Tubingx4 - 25ft. Extension	250				
T2-25	Tubingx2 - 25ft. Extension	125				
Tach	Digital Tachometer	325				
BE1500	BASIC1500GPM	4293				
BE3000	BASIC3000GPM	7838				
DL1500	PRODUCTION1500	9879				
DL3000	PRODUCTION3000	16424				

- ▶ Thank you for your time to consider and review our product line.
- ▶ Our goal is to provide you with accurate, safe, and quality built products for your testing needs.
- ▶ Call your Distributor Today.
- ▶ Visit our site:  
[www.flowbuster.com](http://www.flowbuster.com)



10) THANK YOU