



ARGCO

FLOW TESTING CATALOG



RIPTIDE™ LEGACY



The Riptide UL Listed Flow Testing System

- 4 unique diffusers
- Stackable with built-in Cam-locks.
- No accessories needed - No additional cost
- Sturdy: 3/16" welded steel
- Easy carry handle and stable rubber feet

- FIRE PUMPS
- FIRE DEPT APPARATUS
- FIRE HYDRANTS
- FIRE SPRINKLER SYSTEMS
- STANDPIPES
- PRV TESTING
- FLUSHING



[6510921:
Double Action](#)



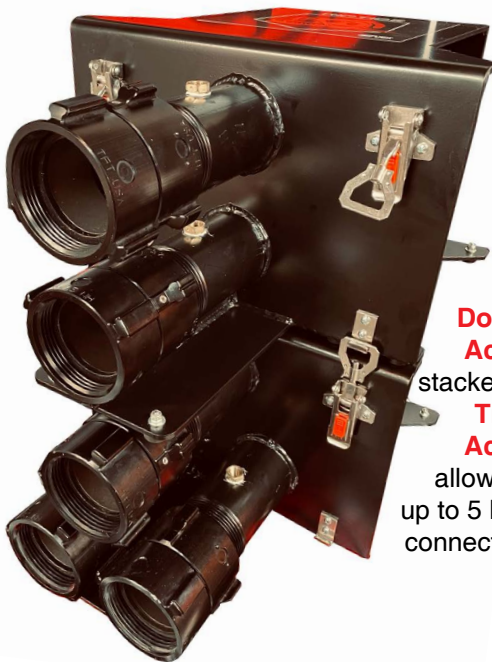
[6510922:
Triple Action](#)



[6510923:
Quad Action](#)



[6510924:
4" LDH](#)



Double Action
stacked on
Triple Action
allows for
up to 5 hose
connections



Double Action Riptide
shown with sidemount Gauges
at 9:00 position for easy reading

Glycerine Filled Calibrated Gauges
0-200 psi, Side Mount
Includes Certificate from Manufacturer

FIRE PUMP FLOW TESTING EQUIPMENT
UNIT EX29051 THE RIPTIDE FLOW TESTING SYSTEM



AS TO FLOW MEASUREMENT ACCURACY SPECIFIED BY THE MANUFACTURER WHEN
INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS



Scan for more
information



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RIPTIDE™ ALX - REMOVEABLE WATERWAYS



Riptide ALX Diffusers

- Available in Single, Double, Triple, Quad action and LDH 4" iterations
- Removable waterways
- Lightweight Aluminum
- Pitot accuracy falls within +/-1.75%
- Anodized satin black and corrosion resistant
- Laser Engraved
- Compatible with all legacy Riptide models
- Integrated stacking system
- Rubber feet on base

• Removable waterways can be used for open atmosphere testing



ALX Single: 6510970: 17 lbs.

ALX Double: 6510971: 23 lbs.

ALX Triple: 6510972: 29 lbs.

ALX Quad: 6510974: 33 lbs.

ALX LDH 4": 6510975: 25 lbs.



[Click Here for YouTube Video](#)



FIRE PUMP FLOW TESTING EQUIPMENT UNIT
EX29051 THE RIPTIDE FLOW TESTING SYSTEM ALX



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RIPTIDE ALX™ PITOTLESS



Riptide Pitotless Waterways™ may be used to capture lower flow rates when appropriate on side conditions exist.

Removable PITOTLESS waterways can be used for OPEN ATMOSPHERE testing

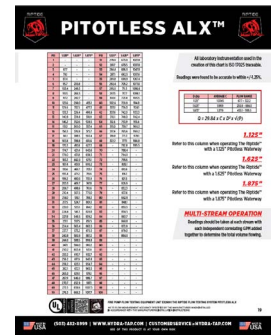


PITOTLESS ALX comes standard with 1.75" WaterWays:

- ALX Single: [6510965](#)
- ALX Double: [6510966](#)
- ALX Triple: [6510967](#)
- ALX Quad: [6510968](#)

PITOTLESS WaterWays:

- 1.125": [6510978](#)
- 1.625: [6510977](#)
- 1.875: [6510978](#)



[CLICK HERE FOR ALX PITOTLESS FLOW CHART](#)

FIRE PUMP FLOW TESTING EQUIPMENT UNIT EX29051
THE RIPTIDE FLOW TESTING SYSTEM PITOTLESS ALX



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RIPTIDE™ ACCESSORIES



Riptide TYPHOON Remote Manifold item #[6510926](#)

- Capture readings at a distance!
- Jacketed quick connect assembly with eight color coded tubes,
- Manifold can be connected to pitots any Riptide
- Includes Glycerine Filled Gauge with Certificate & Carrying Case



Riptide DECHLOR item #[6510960](#)

- Neutralizes chlorine in water during testing or flush
- Chamber attaches directly to Riptide Diffusers
- Does not effect flow results
- Uses [dissolving dechlorination tablets](#)



Riptide JETSTREAM Flow Tube Assembly

- Flow water to open atmosphere
- Secured polymer sleeve prevents unit from spinning on coupling
- Compatible with Riptide Reducing Orifices & Remote Manifold
- Better flow readings than other brands

2-1/2" Jetstream: item# [6510951](#)

4" Jetstream: item# [6510952](#)



Glycerine-Filled Calibrated Gauges

0-200 psi, Side Mount (Includes Certificate from Manufacturer)

Left Hand Side (3 o'clock position) item [6510960-R](#)

Right Hand Side (9 o'clock position) item [6510960-L](#)



Reduced Orifice Inserts

Capture lower flow rates than what the Riptide's standard 2½" orifice can accurately measure.

[1.125"](#)

[1.75"](#)

[3.25"](#) (LDH)

Also Available:

- [Replacement Pitots](#)
- [Levelling Table](#)
- [Spanner Wrench for pitot tuning](#)
- [Fire Hose](#)

THE RIPTIDE FLOW TESTING SYSTEM™

All laboratory instrumentation used in the creation of this chart is ISO 17025 traceable.

Readings were found to be accurate to within ±0.2%.

1.125"
Refer to the data in this column when operating The Riptide™ with a 1.125" Reduced Orifice Insert.

1.75"
Refer to the data in this column when operating The Riptide™ with a 1.75" Reduced Orifice Insert.

2.50"
Refer to the data in this column when operating The Riptide™ without a Reduced Orifice Insert.

MULTI-STREAM OPERATION
Readings should be taken at each orifice with each independent operating RPM added together to determine the total stream flow.

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Click Here for
[Flow Chart](#)
[User Guide](#)



RIPTIDE™ PRV



Riptide PRV is optimal for contained flow testing in situations where flowing to atmosphere isn't possible.

Applications: Fire Pump Testing, Hydrant Flow Testing, Fire Dept. Apparatus Testing, Standpipe and PRV Testing.

THREE different sizes offering flow ranges from 66.3 to 1,365 GPM

- One piece machined construction
- Built-in static/residual pressure port
- NIST traceable pressure gauge
- Digital manometer
- High pressure 2-1/2" gate valve
- Hard plastic case
- Accuracy to within +/-3%
- UL Listed
- Made in USA

Riptide PRV Kits

Each Kit includes Riptide PRV Venturi Tube
One 2.5" Gate Valve , One Riptide PRV Manometer
One Gauge and One Case

- **1-1/4" Venturi Kit: 66.6 to 322.7 GPM**
- **1-3/4" Venturi Kit: 250 to 1001.4 GPM**
- **2" Venturi Kit: 485.1 to 1372.1 GPM**



Venturi Flow Tubes

One-Piece machined construction with built-in static/residual pressure port, gauge port and 2-1/2" Swivel end x Male Thread



Gate Valve

2-1/2" NH/NSH Female Pin Lug Inlet
x
2-1/2" NH/NST Male Outlet
with swivel handle



Manometer

Slim designed, hand-held, differential input manometer with data logging capability



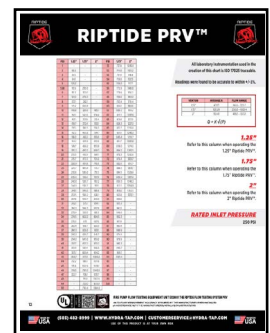
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[Click Here for PRV User Guide](#)

