

**12 Supermarket / Deli /
Small Area Cleaning**

- Combination Systems – 2 and 3 Chemical Options
- Foam / Rinse / Sanitize (Spray)
- Spray / Rinse / Sanitize (Spray)
- Small Area Cleaning System
- Portable Precision Foamer
- Compact Sprayers and Airless Foamers
- Pump Up Foamers
- Mixing Stations (Proportioners)



Lafferty

EQUIPMENT MANUFACTURING LLC

CATALOG 12

**Supermarket / Deli / Small Area
Chemical Cleaning Systems**

for
**Supermarket and Deli Sanitation
Small Area Cleaning / Detailing
Janitorial Services**

www.LaffertyEquipment.com

5614-Oak Grove Road • North Little Rock, AR 72118

Phone: 800-999-2820 / 501-851-2820 • Fax Orders: 800-699-3719

Supermarket / Deli / Small Area Chemical Cleaning Systems

Lafferty's Complete Balanced System Approach

The team at Lafferty Equipment puts more than a century of combined manufacturing and in-the-field experience into the equipment that we offer. Our approach is to provide a complete, balanced system right out of the box for ease of installation and trouble-free performance.

Lafferty Equipment's core product offering is the widest range of chemical application equipment available in the marketplace.

If a standard product does not meet the need, we have many specialized systems not listed in this catalog, which may provide the solution. If not, we will work with you to create a system to meet the client's specific requirements.

Our passionate focus on superior quality, outstanding reliability and attention to detail ensures years of consistent operational performance and peace of mind.

Focus on Performance

- Dedicated Research and Development team
- Application-specific designs to create integrated balanced systems
- Machined injector and foamer bodies engineered for their specific, intended use
- Reliable, precision metering options

Focus on Quality, Reliability and Durability

- Designed to endure heavy usage in industrial settings with minimal maintenance requirements
- Lafferty's proprietary stainless steel and polypropylene components are precision machined on state-of-the-art CNC and traditional machine tools in Lafferty's manufacturing facility in Arkansas.
- Extensive testing of all finished products
- Material selection for optimum chemical and industry compatibility, with all wetted parts chemically resistant

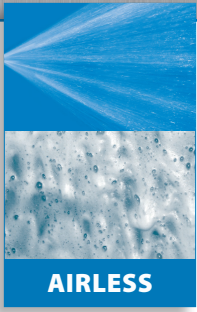
Focus on Service

- Dedicated to superior customer service and support
- Prompt order shipment
- Detailed website and catalog information for equipment selection
- Comprehensive Installation and Operation Instructions

Supermarket / Deli / Small Area Chemical Cleaning Systems



- Combination Systems – 2 and 3 Chemical Options
- Foam / Rinse / Sanitize (Spray)
- Spray / Rinse / Sanitize (Spray)
- Small Area Cleaning System
- Portable Precision Foamer
- Compact Sprayers and Airless Foamers
- Pump Up Foamers
- Mixing Stations (Proportioners)



LAFFERTY WR-2 SPRAY-ALL™ SYSTEMS are convenient combination applicators that will apply two chemicals as airless foam or spray — for cleaning and sanitizing — and rinse. These water-driven venturi systems accurately dilute chemical concentrates to required ratios and project a uniform spray or high quality, airless foam onto any surface.

Offered with three styles of applicator:

- A Pistol Grip Gun and nozzle comes with the spray/rinse/sanitize units.
- Lafferty's unique SmartWand™ combines all three functions — foam, rinse, sanitize — into a single hose-end applicator.
- The Pistol Grip Gun Kit features separate foam and rinse/sanitize applicators which are interchanged using quick disconnect fittings

Portable models feature heavy-duty stainless steel carts.

WR-2 SPRAY-ALLS – FOAM / RINSE / SANITIZE (SPRAY) OR SPRAY / RINSE / SANITIZE (SPRAY)

REQUIRES: 35-125 PSI WATER, CHEMICAL CONCENTRATES

- Ideal for supermarkets, delis and food service facilities
- Foam, rinse and sanitize through a single hose or spray, rinse and sanitize through a single hose

REQUIREMENTS / SPECIFICATIONS

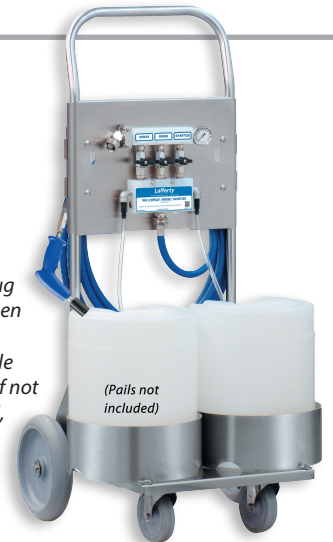
Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Spray	2.3 gpm	8.7 lpm
Airless Foam	1.3 gpm	4.9 lpm
Rinse	4.0 gpm	15.1 lpm
Sanitize	2.3 gpm	8.7 lpm
Discharge Hose		
ID	1/2 in.	12.7 mm
Length	50 ft.	15.2 m

Includes

- Machined polypropylene injector bodies
- Color-coded metering tips for multiple dilution ratios
- All stainless steel carts (Portable models)
- Discharge hose assembly and Ball Valve with...
 - Pistol Grip Gun (stainless steel body with insulated grip), fan nozzle and nozzle protector (975223 and 975296)
 - SmartWand™ (975225 and 975297)
- Pistol Grip Gun Kit: Insulated grip; stainless steel gun body, fittings and quick disconnects; fan nozzle and nozzle protector; machined polypropylene airless foam wand (975227 and 975298)



Specify round or square jug racks when ordering a Portable model. (If not specified, round will be used.)



(Pails not included)

Model #	Description
975223	WR-2 Spray/Rinse/Sanitize w/Pistol Grip Gun
975225	WR-2 Foam/Rinse/Sanitize w/SmartWand
975227	WR-2 Foam/Rinse/Sanitize w/Pistol Grip Gun Kit
975296	Portable WR-2 Spray/Rinse/Sanitize w/Pistol Grip Gun
975297	Portable WR-2 Foam/Rinse/Sanitize w/SmartWand
975298	Portable WR-2 Foam/Rinse/Sanitize w/Pistol Grip Gun Kit



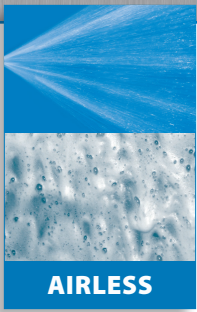
Pistol Grip Spray/Rinse/Sanitize Gun and Nozzle – Stainless steel gun body



Pistol Grip Gun Kit – Stainless steel gun body, quick disconnects and fittings

Lafferty SmartWand





LAFFERTY 2-HOSE WR-2 SPRAY-ALL™ SYSTEMS are convenient combination applicators that will apply two chemicals as airless foam or spray — for cleaning and sanitizing — and rinse. One discharge hose is used for sanitizing and rinsing and the second is used for foaming, preventing cross-contamination of foaming and sanitizing chemicals. These water-driven venturi systems accurately dilute chemical concentrates to required ratios and will project a uniform spray or high quality, airless foam onto any surface.

2-HOSE WR-2 SPRAY-ALL – SANITIZE-RINSE / FOAM

REQUIRES: 35-125 PSI WATER, CHEMICAL CONCENTRATES

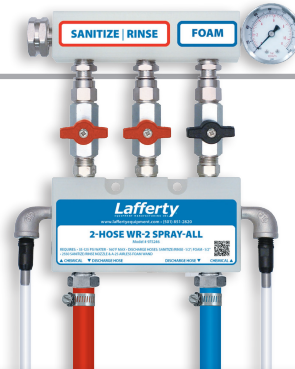
- Ideal for supermarkets, delis and food service facilities
- Prevents cross-contamination of foaming and sanitizing chemicals
- One hose is used to apply the foam, and a separate hose, of a different color, is used to rinse and apply the sanitizer.

REQUIREMENTS / SPECIFICATIONS

Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Airless Foam	1.3 gpm	4.9 lpm
Rinse	4.0 gpm	15.1 lpm
Sanitize	2.3 gpm	8.7 lpm
Discharge Hose		
ID	1/2 in	12.7 mm
Length		
Sanitize/Rinse	50 ft	15.2 m
Foam	50 ft	15.2 m

Includes

- Machined polypropylene injector body
 - Color-coded metering tips for multiple dilution ratios
 - Two discharge hose assemblies
- Airless Foam:** Blue hose, ball valve and machined polypropylene airless foam wand
- Sanitize/Rinse:** Red hose, ball valve, Pistol Grip Gun, machined polypropylene nozzle protector and fan nozzle



Model #	Description
975246	2-Hose WR-2 Spray-All Sanitize - Rinse / Foam

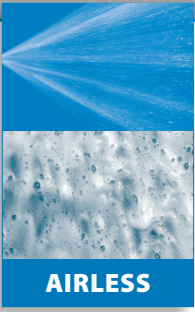


Sanitize/Rinse Gun and Nozzle



Airless Foam Wand

SUPERMARKET/DELI/SMALL AREA



LAFFERTY WR-3 SPRAY-ALL™ SYSTEMS are convenient foam/rinse/sanitize combination applicators that use a single hose to, in any order, apply one chemical as airless foam for cleaning, apply two chemicals —or different ratios of the same chemical— as a spray for sanitizing, and produce a clear water spray for rinsing. These water-driven venturi systems accurately dilute chemical concentrates to required ratios and project a uniform spray or high quality, airless foam.

Offered with two styles of applicator:

- Lafferty’s unique SmartWand™ combines all three functions —foam, rinse, sanitize— into a single hose-end applicator.
- The Pistol Grip Gun Kit features separate foam and rinse/sanitize applicators which are interchanged using quick disconnect fittings

WR-3 SPRAY-ALLS – FOAM / RINSE / SANITIZE (SPRAY)

REQUIRES: 35-125 PSI WATER, CHEMICAL CONCENTRATES

- Ideal for supermarkets, delis and food service facilities
- Foam, rinse and sanitize through a single hose
- Two chemical pick-ups for sanitizing chemical

REQUIREMENTS / SPECIFICATIONS

Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Airless Foam	1.3 gpm	4.9 lpm
Rinse	4.0 gpm	15.1 lpm
Sanitize	2.3 gpm	8.7 lpm
Discharge Hose		
ID	1/2 in.	12.7 mm
Length	50 ft.	15.2 m

Includes

- Machined polypropylene injector bodies
- Color-coded metering tips for multiple dilution ratios
- Discharge hose and ball valve with...
 - SmartWand™ (975238)
- Pistol Grip Gun Kit: Insulated grip; stainless steel gun body, fittings and quick disconnects; fan nozzle and nozzle protector; machined polypropylene airless foam wand (975240)



Model #	Description
975238	WR-3 Foam / Rinse / 2-Way Sanitize w/SmartWand
975240	WR-3 Foam / Rinse / 2-Way Sanitize w/Pistol Grip Gun Kit

Lafferty SmartWand

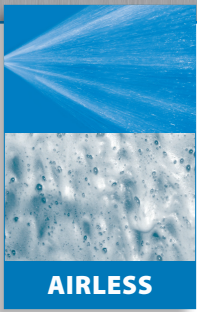


Rotate SmartWand™ 180° to switch from foam to spray or rinse

Photos enlarged to show detail. Items are not to scale in relation to other photos on page.



Pistol Grip Gun Kit – Stainless steel gun body, quick disconnects and fittings



LAFFERTY'S WR-2 MICRO FLOW SYSTEMS are convenient, very low flow combination applicators that will apply two chemicals —as airless foam or spray— and rinse. These water-driven venturi systems accurately dilute chemical concentrates to required ratios, and will project a uniform spray or high quality airless foam onto any surface.

WR-2 Micro Flow Systems feature Lafferty's Combo Gun that includes a rinse-sanitize spray wand and an airless foam wand connected to a stainless steel gun with an insulated grip. Open corresponding ball valves on the unit and the gun to apply wash solution as airless foam or sanitizer solution as spray or to rinse.

WR-2 MICRO FLOW SYSTEM – FOAM / RINSE / SPRAY

REQUIRES: 35-125 PSI WATER

- Very low flow units for many uses, including supermarkets, delis and food service facilities.
- Foam, rinse and sanitize through a single hose
- WR-2 units apply two chemicals — as airless foam or spray — and rinse.

REQUIREMENTS / SPECIFICATIONS

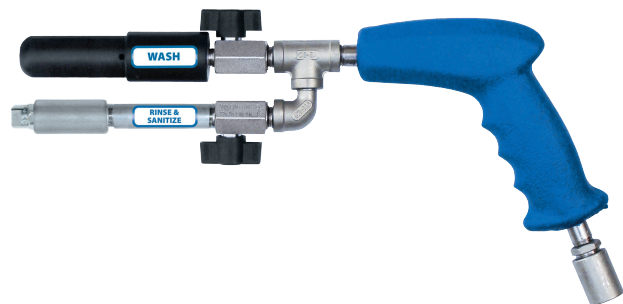
Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Foam	0.5 gpm	1.9 lpm
Rinse	1.5 gpm	5.7 lpm
Spray	0.5 gpm	1.9 lpm
Discharge Hose		
ID	3/8 in.	9.5 mm
Length	50 ft.	15.2 m

Includes

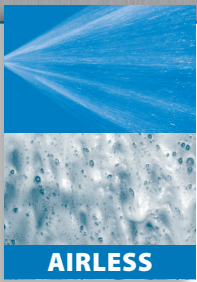
- Machined polypropylene injector body
- Discharge hose with ball valve
- Combo Gun with insulated grip; stainless steel gun body and fittings; machined polypropylene airless foam wand and fan nozzle
- Color-coded metering tips for multiple dilution ratios



Model #	Description
975217	WR-2 Micro Flow Foam / Rinse / Sanitize



SUPERMARKET/DELI/SMALL AREA



AIRLESS

LAFFERTY'S SMALL AREA CLEANING SYSTEM (SACS) is a rugged, self-contained, portable touchless cleaning system that will apply one chemical as airless foam, a second as a spray and provide a fresh water rinse. This convenient Foam/Rinse/Sanitize system includes a re-chargeable battery, a 120V charger and 12V pump that draws fresh water from the 16 gallon tank and creates the pressure to run the low-volume venturi system.

No chemical passes through the pump and dilution rates are set with metering tips.

20 GALLON SMALL AREA CLEANING SYSTEM (SACS)

REQUIRES: CHEMICAL CONCENTRATE, WATER TO FILL TANK AND ELECTRICITY FOR BATTERY CHARGING

- Rugged all stainless steel 4-wheel Cart
- Non-marking tires and stainless steel swivel casters
- Stainless steel lockable pump package enclosure
- 12V water pump
- Re-chargeable gel battery with 120V charger and meter
- Heavy duty 20-gallon water reservoir
- Stainless steel dual one-gallon jug rack (designed to hold round or square jugs)
- Unique machined one-gallon jug lids for maximum chemical spill prevention
- WR-2 Micro Flow Foam/Rinse/Sanitize venturi applicator
- Combo gun assembly makes it easy to switch between foam and spray applications with the same gun and without changing attachments

REQUIREMENTS / SPECIFICATIONS

Water source to fill 16 gallon tank

Water Usage Rates

Foam	0.5 gpm	1.9 lpm
Rinse	1.5 gpm	5.7 lpm
Sanitize	0.5 gpm	1.9 lpm

Discharge Hose

ID	3/8 in.	9.5 mm
Length	25 ft.	7.6 m

Includes

- Rechargeable gel battery
- Machined polypropylene injector body
- Color-coded metering tips (20)
- Metering tip driver
- Stainless steel hose rack
- 3/8" x 25' discharge hose assembly with
 - Insulated stainless steel gun with stainless steel quick disconnect
 - Foam/spray combo applicator assembly
 - Stainless steel rinse/sanitize nozzle with 6" stainless steel wand
- Bullet Foam Nozzle



Model #	Description
975360	Portable 20 Gallon Small Area Cleaning System (SACS)





AIRLESS

LAFFERTY PD PRECISION FOAMERS are powered by compressed air and apply high quality foam precisely where you want it. Ideal for cleaning kitchen and bakery hoods and vents among many other jobs where precision application and tight control of over spray are required. PD Precision Foamers draw ready-to-use chemical solution from a user-supplied pail or tank.

PORTABLE PD PRECISION FOAMER

REQUIRES: ELECTRICITY, READY-TO-USE CHEMICAL SOLUTION

- The Portable Precision Foamer is a self-contained foaming system, complete with a small, very quiet 120V air compressor on board.
- Adjustable foam consistency
- Consistent, efficient chemical control
- Draws ready-to-use chemical solution from a user-supplied pail

Includes

- Stainless steel cart and enclosure
- Air compressor (120 volt)
- GFCI protected electrical connection
- Air pump with Santoprene diaphragm (Optional Viton or Kalrez)
- Stainless steel foamer body
- 50 ft. discharge hose, polypropylene trigger gun and foam wand with stainless steel nozzle



Pail not included

OPTIONS (at time of purchase for either foamer on this page)

710756	Viton Diaphragm Upgrade for Flojet Air Pump
710755	Kalrez Diaphragm Upgrade for Flojet Air Pump
800100FT*	Hose, Twinline 1/4" x 1/2" x 1' (By Foot)

*Order in lengths of 25 ft.

Model #	Description
935165	Portable PD Precision Foamer

PD-EV PRECISION FOAMER

REQUIRES: COMPRESSED AIR, READY-TO-USE CHEMICAL SOLUTION

- The PD-EV Precision Foamer is a 2 GPM foam applicator that is ideal for jobs where long-range, precision foaming is required.
- Projects rich, clinging foam at distances of up to 25' using the zero degree nozzle
- Fan nozzle for quick and efficient coverage of closer objects
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Can be equipped with up to 300' of twin-line hose

Includes

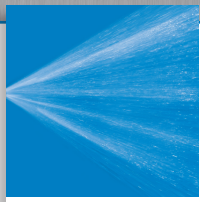
- Polypropylene mounting plate
- Flojet 1/4" AODD pump with Santoprene diaphragm
- 10' chemical solution suction tube and strainer
- Air inlet ball valve and regulator/filter
- Stainless steel Precision Foamer body
- 125' discharge hose (75' twinline, 50' single hose)
- Stainless steel discharge ball valve with 26" wand
- Zero degree and fan pattern nozzles



(Items not shown to scale)

Model #	Description
935175	PD-EV Precision Foamer

SUPERMARKET/DELI/SMALL AREA



**CITY
PRESSURE**

LAFFERTY COMPACT SPRAYERS are rugged and versatile — perfectly suited for multiple cleaning and chemical application duties in small food prep areas, fresh food displays or virtually anywhere foam cleaning is required. Compact Sprayers use standard city water pressure and are designed to conserve water and chemical —reducing waste— while delivering superior results and providing long-lasting performance.

Designed to use half the water and chemical that similar models do, this compact, ergonomic design incorporates a 32 oz. bottle. The result is a light-weight unit that is easy and comfortable to operate, reducing user fatigue while giving about the same spraying time as larger more cumbersome models on the market.

COMPACT SPRAYERS

REQUIRES: 20-100 PSI WATER, CHEMICAL CONCENTRATE

- Lafferty Compact Sprayers accurately dilute chemical concentrates and are offered with a choice of two flow rates.
- Highly effective at minimal water pressure (as low as 20 PSI)
- Recessed PVDF spray nozzle for protection and maximum chemical compatibility
- Simply quick disconnect the sprayer from the gun to rinse
- Units also available without the gun for quickly changing chemicals or applicators to meet different job requirements (*See details below.*)

REQUIREMENTS / SPECIFICATIONS

Water Pressure	20 - 100 PSI	1.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.7 bar
Model 20	0.8 gpm	3.0 lpm
Model 50	2.3 gpm	8.7 lpm

Includes

- Garden hose gun with quick disconnect socket
- Machined polypropylene venturi sprayer with quick disconnect plug
- PVDF fan nozzle
- 32 oz. heavy duty, wide-mouth HDPE bottle
- Color-coded metering tips (20) and metering tip driver



Model #	Description
969820-B32	Model 20 Compact Sprayer
969850-B32	Model 50 Compact Sprayer

NO-GUN UNITS FOR ADDED FLEXIBILITY ON THE JOB

QUICKLY SWITCH TO A DIFFERENT CHEMICAL, A DIFFERENT DILUTION OF THE SAME CHEMICAL OR A DIFFERENT FLOW RATE

- Add your choice of Compact Sprayers, shown here. (*These handy units are offered without the gun.*)
- Simply use the quick connect fittings to easily switch to a different chemical or a different strength of the same chemical
- Or switch to a different flow rate to meet the demands of the job (*For example: Model 20 for small to average size jobs and the Model 50 for faster coverage of larger areas*)
- Requirements and Specifications are the same as above.

Includes

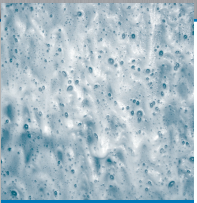
- Machined polypropylene venturi sprayer with quick disconnect plug
- PVDF fan nozzle
- 32 oz. heavy duty, wide-mouth HDPE bottle
- Color-coded metering tips (20) and metering tip driver



Model #	Description
969818-B32	Model 20 Compact Sprayer (No Gun)
969848-B32	Model 50 Compact Sprayer (No Gun)

**Lid Color Options for
Compact Foamers & Sprayers**





**AIRLESS FOAM
CITY PRESSURE**

LAFFERTY COMPACT AIRLESS FOAMERS are rugged and versatile — perfectly suited for multiple cleaning and chemical application duties in small food prep areas, fresh food displays or virtually anywhere foam cleaning is required. Compact Airless Foamers use standard city water pressure and are designed to conserve water and chemical —reducing waste— while delivering superior results and providing long-lasting performance.

Designed to use half the water and chemical that similar models do, this compact, ergonomic design incorporates a 32 oz. bottle. The result is a light-weight unit that is easy and comfortable to operate, reducing user fatigue while giving about the same foaming time as larger more cumbersome models on the market.

COMPACT AIRLESS FOAMERS

REQUIRES: 20-100 PSI / 40-100 PSI WATER AND CHEMICAL CONCENTRATE

- Lafferty Compact Airless Foamers accurately dilute chemical concentrates and produce a wet quality airless foam. Offered with a choice of two flow rates.
- Model 25 is highly effective at minimal water pressure, as low as 20 PSI.
- Usable foam throw distance of up to 12 ft. (Model 25) and up to 7 ft. (Model 15)
- Simply quick disconnect the airless foamer from the gun to rinse.
- Units also available without the gun for quickly changing chemicals or applicators to meet different job requirements (See details below.)

REQUIREMENTS / SPECIFICATIONS

Water Pressure	20 - 100 PSI	1.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.7 bar
Model 15	0.7 gpm	3.0 lpm
Model 25	1.30 gpm	4.9 lpm

Includes

- Garden hose gun with quick disconnect socket
- Machined polypropylene venturi foamers with quick disconnect plug
- 32 oz. heavy duty, wide-mouth HDPE bottle
- Color-coded metering tips (20) and metering tip driver



Model #	Description
969920-B32	Model 15 Compact Airless Foamer
969925-B32	Model 25 Compact Airless Foamer

NO-GUN UNITS FOR ADDED FLEXIBILITY ON THE JOB

QUICKLY SWITCH TO A DIFFERENT CHEMICAL, A DIFFERENT DILUTION OF THE SAME CHEMICAL OR A DIFFERENT FLOW RATE

- Add your choice of Compact Foamers, shown here. *(These handy units are offered without the gun.)*
- Simply use the quick connect fittings to easily switch to a different chemical or a different strength of the same chemical
- Or switch to a different flow rate to meet the demands of the job *(For example: Model 15 for small to average size jobs and the Model 25 for faster coverage of larger areas)*
- Requirements and Specifications are the same as above.

Includes

- Machined polypropylene venturi foamers with quick disconnect plug
- 32 oz. heavy duty, wide-mouth HDPE bottle
- Color-coded metering tips (20)
- Metering tip driver



Model #	Description
969918-B32	Model 15 Compact Airless Foamer (No Gun)
969923-B32	Model 25 Compact Airless Foamer (No Gun)

**Lid Color Options for
Compact Foamers & Sprayers**



SUPERMARKET/DELI/SMALL AREA



PAIL/JUG MOUNT SPRAY-ALLS AND AIRLESS FOAMERS connect directly onto the pull-up spout of many 5 gallon pails/jugs or any 1-gallon jug or other size container with 38mm OD threads.

These are venturi injection systems that use standard city water pressure (35 - 125 PSI) to draw chemical concentrate directly from the container and blend it into the water stream, using precision metering tips to create an accurately diluted solution that is projected onto surfaces.

The Spray-All uses a fan pattern nozzle for even spray coverage. The Airless Foamer uses an "airless" foam wand that draws in atmospheric air to create and project wet, clinging foam.

PAIL/JUG MOUNT SPRAY-ALL AND AIRLESS FOAMER

REQUIRES: 35-125 PSI WATER

- Fits pull-up spouts on 5-gallon pails, the threaded spout of 1-gallon jugs or any container with 38mm OD threads
- Chemical resistant wetted components ensure outstanding performance with minimal maintenance
- Easy to set up - no tools or mounting hardware required
- Spray-All offered as a W-20 model
 - Creates a low volume spray (under 1 GPM @ 40 PSI).
 - Higher flow models available on request.
- Airless foamer offered as A-25 Airless Foamer
 - For foam cleaning small to medium areas
 - Projects foam up to 6', depending on water pressure
 - Other flow models available on request.

Includes

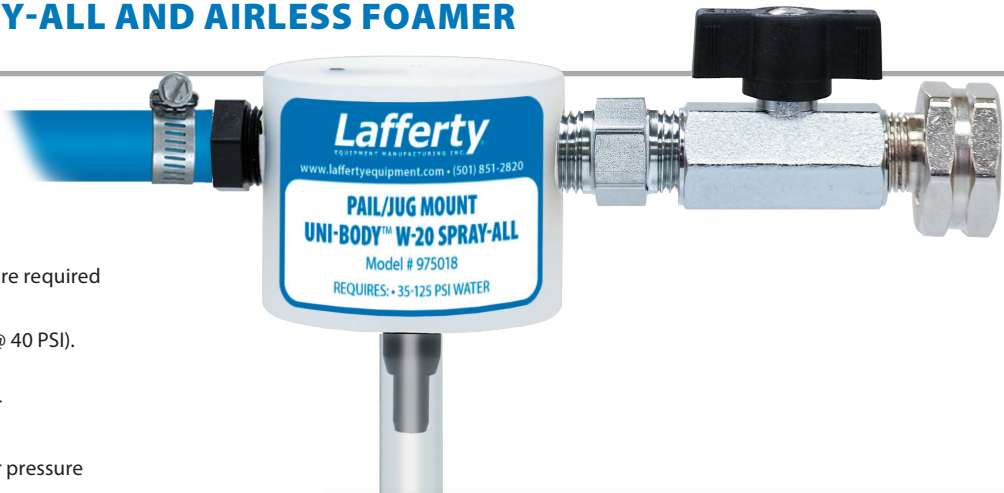
- Water inlet ball valve
- Machined polypropylene injector body
- 18" chemical suction tube with strainer
- 20 color-coded metering tips for setting dilution ratios
- 25' discharge hose with ball valve
- Machined polypropylene wand with SS fan nozzle (Spray-All)
- Machined polypropylene airless foam wand (Airless Foamer)

REQUIREMENTS / SPECIFICATIONS

Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
W-20 – Light Spray	0.8 gpm	3.0 lpm
A-25	1.3 gpm	4.9 lpm
Discharge Hose		
ID	1/2 in.	12.7 mm
Length	25 ft.	7.6 m

Includes

- Machined polypropylene injector body
- Drum Bung Mount models include coarse and fine threads to fit different types of chemical drums.
- Color-coded metering tips (20)
- Metering tip driver
- Discharge hose, ball valve, polypropylene wand and matching fan nozzle



Model #	Description
975018	Pail/Jug Mount Uni-Body™ W-20 Spray-All
975074	Pail/Jug Mount Uni-Body™ A-25 Airless Foamer



LAFFERTY PUMP-UP FOAMERS combine the advantages of foam application with the familiar ease and portability characteristics of a pump-up sprayer. Simply add ready-to-use (RTU) chemical solution to the tank, pressurize the tank with air and start foaming.

Lafferty Pump Up Foamers force-feed some of the air from the pressurized tank into the solution to produce rich, clinging foam that is ideal for precision foaming small areas in a wide variety of applications.

Constructed of high density polyethylene with UV inhibitors and other chemical resistant materials.

PUMP-UP FOAMERS

REQUIRES: RTU CHEMICAL SOLUTION

- The high density HDPE tank, partly filled with solution, is pressurized with air using the built-in hand pump, which provides the operating pressure to project the solution through the hose and wand onto surfaces. The 3 Gallon model includes a compressed air "quick charge" valve.
- Lafferty's internal air injector force-feeds air into the RTU chemical solution to create a rich, clinging foam
- Ideal applications (Viton/Nitrile seals): car wash / detailing shop for pre-soaks, bug and tar solutions, wheel and tire cleaners; lawn and garden for precise application of herbicides / insecticides; anywhere precision application is desired
 - Also suitable for concrete applications, form release agents, sealers and hardeners
- EPDM models are ideal for use with caustic and/or chlorinated alkaline chemicals commonly used for hood and vent cleaning.
- Can be used for demonstrating / testing the effectiveness of a foaming chemical and / or its foaming characteristics
- Flow rate is optimized to conserve chemical while generating the ideal volume of foam for the job at hand
- Advanced pump design requires less than half the pumping effort typically required to pressurize similar units
- These foamers feature a heavy-duty hose and trigger gun, an extension wand, and a wide-pattern fan nozzle.

Includes

- High density polyethylene (HDPE) tank with UV inhibitor
- Viton seals and O-rings (EPDM available)
- Pressure relief valve
- Machined, internal Lafferty air injector/foamer body
- 6' discharge hose and trigger gun with locking latch
- 10" polypropylene wand with stainless steel fan nozzle
- Webbed nylon carrying strap
- "Quick Charge" inflation valve (925005 and 925005-E)



Model #	Description
925004	1.5 Gallon Pump-Up Foamer Pro
925005	3 Gallon Pump-Up Foamer Pro
With EPDM Seals and O-rings	
925004-E	1.5 Gallon Pump-Up Foamer Pro (EPDM seals)
925005-E	3 Gallon Pump-Up Foamer Pro (EPDM seals)

SUPERMARKET/DELI/SMALL AREA



LAFFERTY MIXING STATIONS™ are water-driven venturi proportioners that accurately dilute chemical concentrates to required ratios and fill any size container with diluted, ready-to-use (RTU) chemical solution.

Lafferty Mixing Stations eliminate the need for manual mixing, optimizing chemical utilization, employee safety and labor efficiency. Offered with Lafferty's signature heavy-duty stainless steel mounting enclosures.

PUSH LEVER AND BALL VALVE MIXING STATIONS

REQUIRES: 25-125 PSI WATER

- **Push Lever Mixing Stations** require the user to push and hold the lever to dispense, preventing accidental overfilling of containers.
- **Ball Valve Mixing Stations** provide hands-free dispensing of chemical solutions.
- Choice of left or right side garden hose water inlet
- All Mixing Stations can be plumbed in series
- Choice of three water flow rates for filling small to large containers
- Certified to ASSE Standard 1055 for backflow prevention

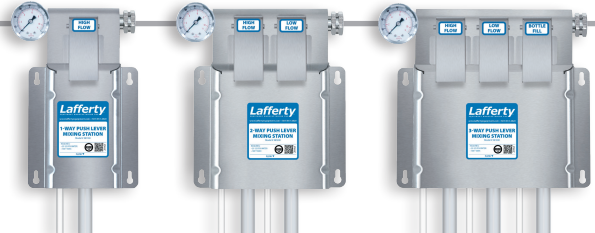
REQUIREMENTS / SPECIFICATIONS

Water Pressure	25 - 125 PSI	1.7 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Bottle Fill (BF)	0.6 gpm	2.3 lpm
Low Flow (LF)	2.1 gpm	7.9 lpm
High Flow (HF)	4.5 gpm	17.0 lpm

- **When ordering, specify the flow for each push lever or ball valve.** Any combination may be selected. (Example: Model 981400, 4-Way Push Lever — HF, HF, LF, BF)
- All mixing stations are built with EPDM check valves (Viton optional — specify at time of order)

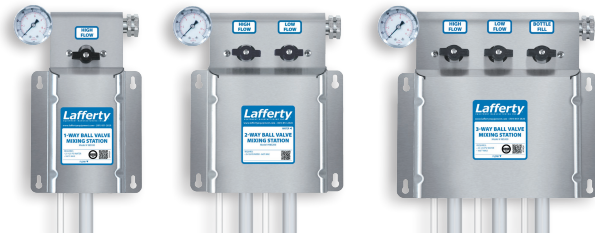
Includes

- Stainless steel mounting enclosure
- Integrated hose connection vacuum breakers
- Polypropylene injector bodies
- Color-coded metering tips (20)
- Metering tip driver



Extra heavy-duty brass valve for unrivaled durability

Model #	Description
981100	1-Way Push Lever Mixing Station
981200	2-Way Push Lever Mixing Station
981300	3-Way Push Lever Mixing Station



Model #	Description
985100	1-Way Ball Valve Mixing Station
985200	2-Way Ball Valve Mixing Station
985300	3-Way Ball Valve Mixing Station

DRUM & PAIL MOUNT MIXING STATIONS

REQUIRES: 25-125 PSI WATER

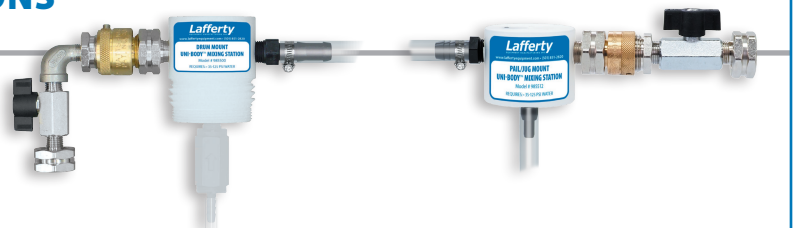
- Ball valve for hands-free dispensing of chemical solutions
- Mount directly to the chemical container
- Drum Mount body has fine and course threads to fit the bung opening of most 55-gallon chemical drums.
- Pail/Jug Mount fits onto 1-gallon jugs, pull-up spouts on 5-gallon pails, or any container with 38mm OD threads

REQUIREMENTS / SPECIFICATIONS

Water Pressure	25 - 125 PSI	1.7 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
	4.0 gpm	15.1 lpm

Includes

- Machined polypropylene injector body
- Color-coded metering tips (20)
- Integrated backflow preventer
- Metering tip driver



Model #	Description
985500	Drum Mount Uni-Body™ Mixing Station
985512	Pail/Jug Mount Uni-Body™ Mixing Station

HIGH VOLUME MIXING STATION

REQUIRES: 35-125 PSI WATER

- The Lafferty High Volume Mixing Station quickly fills floor scrubbers and other large containers, minimizing fill time.

REQUIREMENTS / SPECIFICATIONS

Water Pressure	35 - 125 PSI	2.4 - 8.6 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
	9.9 gpm	37.5 lpm
Discharge Hose		
ID	3/4 in.	19.1 mm
Length	10 ft.	3.0 m

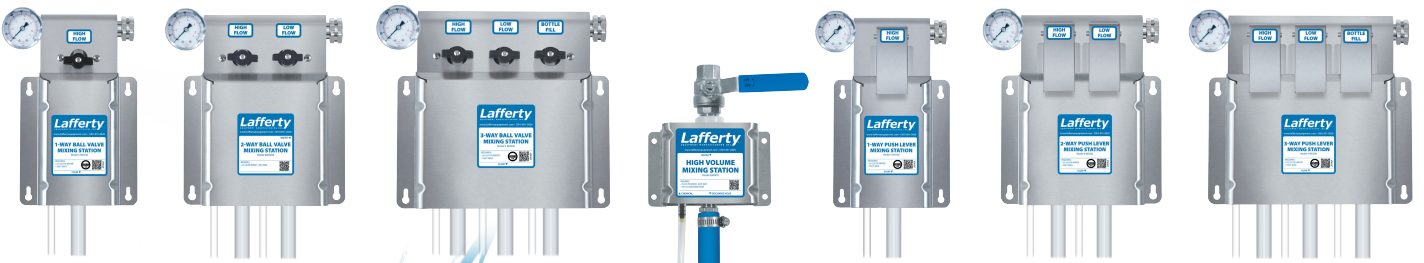
Includes

- Machined polypropylene injector body
- Stainless steel mounting enclosure
- Stainless steel ball valve
- Color-coded metering tips for up to 21 dilution ratios
- Discharge hose



Model #	Description
985835	High Volume Mixing Station
Option:	
491404-A*	Chemical Pick-up Assembly, Viton (1/2" tube)

**To achieve stronger chemical concentrations, install a second chemical pick-up assembly in the unit.*



MIXING STATIONS



LAFFERTY MIXING STATIONS OFFER FLOW RATES SUITED TO FILLING ANY SIZE CONTAINER.

- BOTTLE FILL • LOW FLOW • HIGH FLOW • HIGH VOLUME

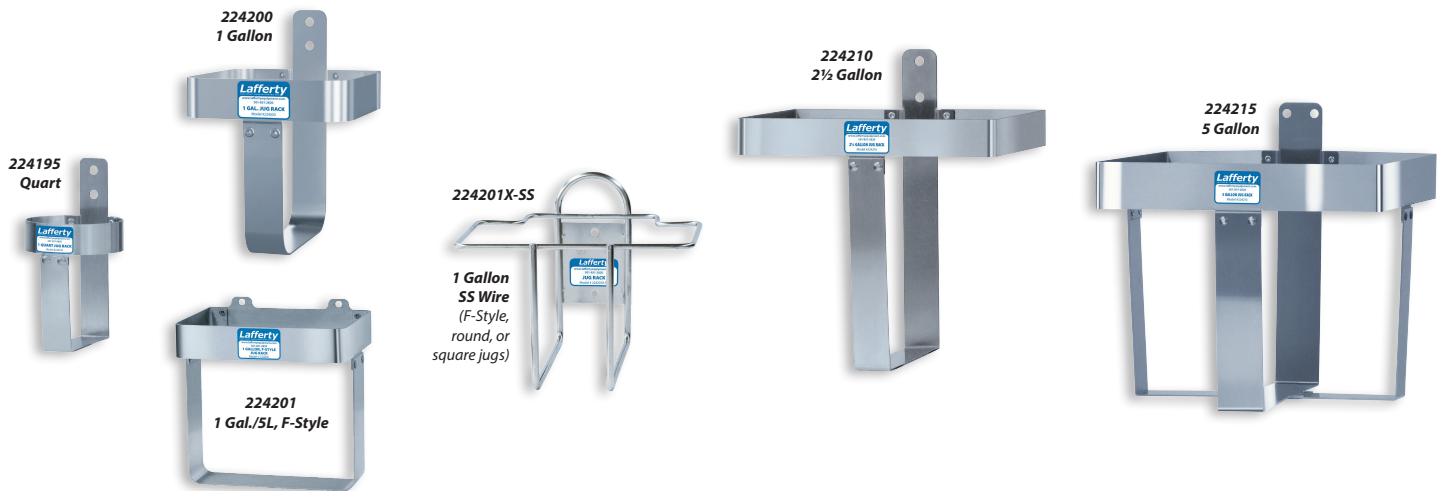
SUPERMARKET/DELI/SMALL AREA

ACCESSORIES

In addition to supplying parts for all Lafferty equipment, Lafferty offers a range of convenient accessories to complement its wide range of chemical application equipment.

Stainless steel jug racks and hose racks can be used with many products, while Drum Sticks and Tote Sticks offer a convenient way to draw chemical from bulk containers. A water pressure / flow test kit provides guidance for equipment selection and when troubleshooting.

STAINLESS STEEL JUG RACKS

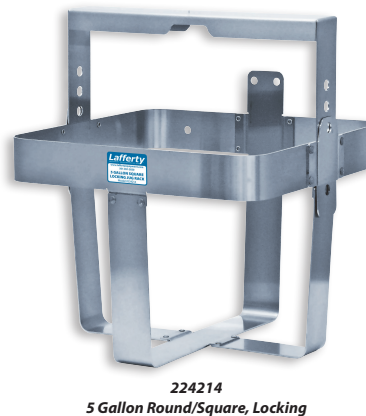


DIMENSIONS

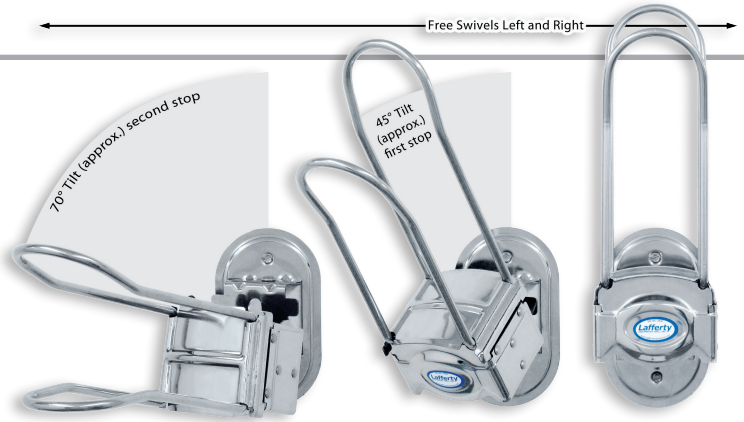
Model #		Diameter or Width x Depth	
224195	Quart	3 7/8 in. ID	9.8 cm ID
224200	1 Gal. Round/Sq.	6 1/2 x 6 3/8 in.	16.5 x 16.2 cm
224200-L	1 Gal. Rnd./Sq., Locking	6 1/2 x 6 3/8 in.	16.5 x 16.2 cm
224201	1 Gal./5L R'tangle, F-Style	7 5/8 x 5 7/8 in.	19.4 x 14.9 cm
224201X-SS	1 Gal. Wire, Rnd./Sq./F	8 x 6 3/8 in.	22.9 x 22.9 cm
224210	2 1/2 Gal.	10 5/8 x 8 1/2 in.	27.0 x 21.6 cm
224214	5 Gal. Rnd./Sq., Locking	13 x 12 6/8 in.	33.0 x 32.4 cm
224215	5 Gal. Rnd./Sq.	13 x 12 6/8 in.	33.0 x 32.4 cm

Model #	Description
224195	Jug Rack, SS, 1 Quart
224200	Jug Rack, SS, 1 Gallon Round/Square
224200-L	Jug Rack, SS, 1 Gallon Round/Square, Locking
224201	Jug Rack, SS, 1 Gallon/5 Litre Rectangular, F-Style
224201X-SS	Jug Rack, 1 Gallon SS Wire (Round/Square/F-Style)
224210	Jug Rack, SS, 2 1/2 Gallon
224214	Jug Rack, SS, 5 Gallon Round/Square, Locking
224215	Jug Rack, SS, 5 Gallon Round/Square

LOCKABLE



STAINLESS STEEL HOSE RACKS



HOSE CARRYING CAPACITY

Model #		Inside Diameter x Length	
224140	Strap	1/2 in. ID up to 75 ft. (+/-)	12.7 mm ID x 22.9 m (+/-)
224142	Strap, L	3/4 in. ID up to 75 ft. (+/-)	19.1 mm ID x 22.9 m (+/-)
224145	Small	3/4 in. ID up to 50 ft. (+/-)	19.1 mm ID x 15.4 m (+/-)
224150	Large	1 in. ID up to 75 ft. (+/-)	25.4 mm x 22.9 m (+/-)
224160	Tilt	3/4 in. ID up to 100 ft. (+/-)	19.1 mm ID x 30.5+ m (+/-)

Model #	Description
224140	Hose Strap, SS
224142	Hose Strap, SS, Large
224145	Hose Rack, SS, Small
224150	Hose Rack, SS, Large
224160	Hose Rack, SS, Large Tilt

STAINLESS STEEL HOSE REELS

- This retractable reel features a full-port swivel that allows unrestricted foam output. Other reels may have ports with narrowed openings through the swivel, which compresses the foam, resulting in watery, inferior foam output.
- Use with confidence with a wide range of Lafferty sprayers/sanitizers and foamers that require 1/2" or 3/4" ID hose (Compatible model groups listed below.)*

FEATURES

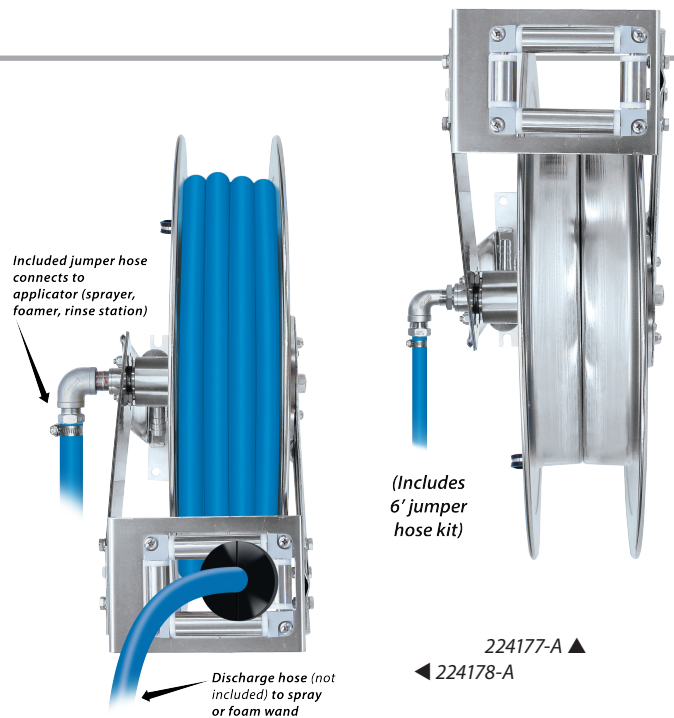
- Stainless steel construction and a heavy-duty steel base ensure strength, safety, corrosion resistance, and durability
- Electro-Polished Stainless Steel finish
- Non-Corrosive Stainless Steel Fluid Path Featuring Stainless Steel Swivel
- Auto Rewind via a non-corrosive stainless steel cartridge-style spring motor easily wraps, stores and protects hose
- Adjustable hose stop prevents full hose retraction and allows for quick, easy access to hose-end tools
- Guide arm adjusts to wall, floor and overhead positions
- Pinch-proof, four-way, guide-arm rollers allow the hose to be pulled from the reel in any direction

REQUIREMENTS / SPECIFICATIONS

Water Pressure	up to 150 PSI	10.3 bar
Discharge Hose ID	either	
	1/2 in.	12.7 mm
	3/4 in.	19.1 mm

Includes:

- 6' Lafferty-specified jumper hose (assures compatibility with Lafferty foamers and spray applicators)
- Heavy Gauge Steel/Stainless Steel Base and Support Post
- Stainless Steel Rollers
- Factory-Matched Cartridge-Style Spring Motor
- Multi-Position Lock Ratchet Secures Hose At Desired Length
- Rolled Edges and Ribbed Discs Provide Strength and Safety
- Leading 2-Year Manufacturer's Limited Warranty

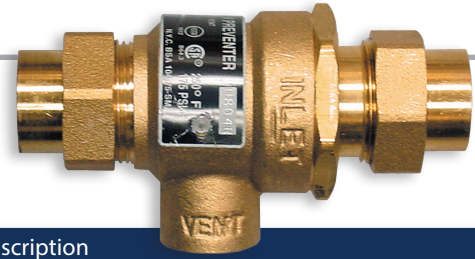


Model #	Description
224177-A†	Hose Reel, SS, 1/2" x 50', 150 PSI, With Jumper Hose Kit
224178-A†	Hose Reel, SS, 3/4" x 50', 150 PSI, With Jumper Hose Kit

†Allow six weeks production time. Discharge hose and applicator wand not included.

BACKFLOW PREVENTERS

- Designed for use on non-health-hazard, continuous pressure, point-of-use applications for protection against back siphonage and back pressure
- When installed upstream of a water-driven foamer or sprayer this part will prevent chemical solution and/or compressed air from backing up into the water source in the event of reverse suction (power failure, improper operation, failure to close inlet ball valves, etc.)
- Discharge vent can be plumbed to direct the discharge to an appropriate drainage area.
- May be mounted horizontally or vertically



Model #	Description
270298	1/2" (Watts 9DM2) Backflow Preventer
270299	3/4" (Watts 9DM3) Backflow Preventer

WATER PRESSURE/FLOW TEST KIT

- Provides quick confirmation of available water pressure and water flow at the equipment water inlet
- Connects to standard male garden hose fitting
- Use to determine equipment needed for existing setup or a new facility
- Also for use mounted in line with installed equipment to determine operational water pressure
- Troubleshoot existing setup
- Features three flow restrictors for testing standard flow, medium flow and high flow applicators



Includes four metering plugs

REQUIREMENTS / SPECIFICATIONS

Water Pressure Max.	160 PSI	11 bar
Water Flow Rate	@ 40 PSI	@ 2.8 bar
Small restrictor	1 gpm	3.8 lpm
Medium restrictor	4 gpm	15.1 lpm
Large restrictor	9 gpm	34.1 lpm

Model #	Description
336340	Water Pressure / Flow Test Kit

CHEMICAL DISPENSING ACCESSORIES:

SAFE FLOW™ JUG OR PAIL LIDS AND PAIL STICKS

- Safe and Convenient — Prevents splashing, reduces odor, and allows for quick replacement of chemical concentrate.
- **Jug / Pail Lids:** Machined polypropylene lids threaded to fit 1 gallon jugs and the pull-up spout of many 5 gallon pails.
- **Jug Lid** includes 1' of suction tubing. (Model 709101-R fits Rieke FLEXSPOUT® closures.) **Slip Stick** includes a sliding Jug Lid and fits containers up to 21" deep.
- All models shown include a hose barb that attaches directly to any 1/4" suction tube of a Lafferty chemical applicator or dispenser.
- **Pail Sticks:** Polypropylene sticks with sliding collars, threaded to fit 3/4" container lid knockouts.
- **Model 709105** includes a 16" Pail Stick and 5 gallon pail with lid.



709101 (various models)
1 Gallon Safe Flow Lid w/
Flexible Tube & Strainer

491610 - 5 Gallon
Safe Flow Lid w/ Rigid
Tube & Strainer

709105 - 5 Gallon Pail
with Suction Stem

Safe Flow Pail Sticks
491617 - 16" (above, left)
491622 - 21" (above, right)

NOTES:

LAFFERTY CATALOG SERIES

• Food & Beverage Processing • Pharmaceutical • Agriculture • General Industrial Applications



1 • Venturi Systems – City Water Pressure

2 • Venturi Systems – Boosted Pressure

3 • Venturi Systems – High Pressure

4 • Compressed Air Operated Systems

5 • Pump Fed Sanitizers, Foamers & Hose Drop Stations

6 • Entryway, Drain & Hand Sanitizing Systems

7 • Foggers and Fogging Systems

Special Applications

8 • Asphalt Release, Acid / Corrosive & Solvent Systems

9 • Chemical Management Systems

10 • Vehicle Wash & Detailing Systems

11 • JanSan / Commercial / Residential Systems

12 • Supermarket / Deli / Small Area Cleaning Systems

