Chemical Application Equipment

**CATALOG 3**

Venturi Systems
High Pressure • 400 - 2000 PSI

- Spray-Alls
- Airless Foamers
- Air Assisted Foamers
- Airless Combination Applicators
- Air Assisted Combination Applicators
- Accessories

www.LaffertyEquipment.com
5614 Oak Grove Road • North Little Rock, AR 72118
Phone: 800-999-2820 / 501-851-2820 • Fax Orders: 800-699-3719
Production & Environmental Sanitation Equipment

Critical to Producing the Highest Quality Food Products

Regulations, public expectations and competitive pressures require business and industry to maintain clean production areas, machinery and equipment. In today’s world, a bacterial or pathogenic food contamination scare can panic people or cripple industries half a world away. Companies that are serious about cleaning invest in the best chemicals and the best chemical application equipment.

Lafferty builds quality into every piece of chemical application equipment – from the precision machining of our sanitizer and foamer bodies, to the careful selection of heavy-duty components, to the individual testing of every unit. This keeps Lafferty Equipment products working better and longer than any other brand.

Once you experience Lafferty quality and performance, you will know that no other brand can be “just like a Lafferty.”

Venturi Technology Perfected

Lafferty Equipment’s business is founded on venturi technology. For nearly 40 years, we at Lafferty have been perfecting our product offering through rigorous attention to venturi design and the manufacture of balanced systems, engineered to meet the needs of our customers.

The beauty of using a venturi for chemical application is the simplicity; there are no moving or wearing parts. Lafferty venturis are machined from chemical-resistant, solid, thermoplastics or stainless steel, to ensure long product life despite heavy, daily use or harsh environmental conditions.

Translating venturi theory into superior performance is the essence of "The Lafferty Difference"

Lafferty has developed an extensive range of venturi sanitizers and foamers that are designed to suit a wide variety of generalized and specialized applications at locations with high pressure water systems.

Most Lafferty venturi systems come equipped with 20 different sized metering tips, which are used to control chemical dilution ratios.

Dilution ratios can be set by selecting the appropriate metering tip, using the chart contained in the operating instructions.
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
• Discharge hoses (lengths and diameters), wands and nozzles carefully selected to ensure optimum system performance
• Machined sanitizer 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 selected for optimum chemical and industry compatibility, with all wetted parts chemically resistant
• Stainless steel mounting enclosures for industrial settings

Focus on Service

• Dedicated to superior customer service and support
• Prompt order shipment
• Detailed web site and catalog information for equipment selection
• Comprehensive Installation and Operation Instructions
Lafferty

High Pressure

Lafferty High Pressure Chemical Applicators are designed for use in food and beverage processing facilities equipped with a pressurized water system operating between 400 and 1,000 psi or 2,000 psi, depending on the applicator model.

Lafferty High Pressure Chemical Applicators are water-driven venturi systems that accurately dilute chemical concentrates to required ratios and spray the solution onto any surface. The supplied fan nozzle provides for quick area coverage with a medium spray.

Wall mount units offered with Lafferty’s signature heavy duty stainless steel mounting enclosures and portable models feature heavy duty stainless steel carts.

SANITIZER / SPRAY-ALLS
REQUIRES: 400-1000 PSI WATER

- For use with high pressure water systems, the Lafferty Spray-All accurately dilutes chemical concentrates and produces medium spray
- Equipping the sprayer/sanitizer with a rollover nozzle assembly adds the convenience of alternating between spraying and rinsing at the hose end without having to return to the wall mounted unit.

REQUIREMENTS / SPECIFICATIONS

WATER PRESSURE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>918054</td>
<td>W-20SS Spray-All</td>
</tr>
<tr>
<td>918056</td>
<td>W-20SS Spray-All w/Rollover Nozzle</td>
</tr>
<tr>
<td>918954</td>
<td>Portable 5 Gallon W-20SS Spray-All</td>
</tr>
</tbody>
</table>

- EASY TRIGGER GUN
  Requires half the effort of other guns. Easy-pull trigger and comfortable grip provide ease when working long hours.

- Trigger gun, wand and matching fan nozzle
- Chemical/rinse rollover nozzle assembly (918056)
- Portable models feature all stainless steel carts

Includes
- Machined stainless steel injector body
- Stainless steel mounting enclosure
- Stainless steel ball valve
- Color-coded metering tips for up to 21 dilution ratios
- High pressure discharge hose with trigger gun, stainless steel wand and matching fan nozzle
- Portable models feature all stainless steel carts

For use with high pressure water systems, the Lafferty Spray-All accurately dilutes chemical concentrates and produces medium spray.

Equipping the sprayer/sanitizer with a rollover nozzle assembly adds the convenience of alternating between spraying and rinsing at the hose end without having to return to the wall mounted unit.

**REQUIREMENTS / SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Water Pressure</th>
<th>400 - 1000 psi</th>
<th>27.6 - 69 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Flow Rate</td>
<td>3.1 gpm @ 700 psi</td>
<td>11.7 lpm @ 48.3 bar</td>
</tr>
<tr>
<td>Rinse (918056)</td>
<td>5.0 gpm</td>
<td>18.9 lpm</td>
</tr>
</tbody>
</table>

**Discharge Hose**

<table>
<thead>
<tr>
<th>ID</th>
<th>3/8 in.</th>
<th>9.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>50 ft.</td>
<td>15.2 m</td>
</tr>
</tbody>
</table>

Fax order • 800-699-3719
**LAFFERTY HIGH PRESSURE AIRLESS FOAMERS** are water-driven venturi systems that accurately dilute chemical concentrates to required ratios and project high-quality, wet foam onto any surface without the need for compressed air. Foam is created instantly in the machined stainless steel, venturi airless foam wand, providing for superior cleaning and visual assurance of complete coverage.

Wall mount units offered with Lafferty’s signature heavy duty stainless steel mounting enclosures and portable models feature heavy duty stainless steel carts.

**AIRLESS FOAMERS**

**REQUIRES: 400-1000 PSI WATER**

- Produces airless foam using high pressure water systems
- Lafferty Airless Foamers do not require compressed air, eliminating cost and equipment adjustment issues.
- Foam is created instantly by the venturi airless foam wand
- Foam throw distance up to 10 ft. with fan nozzle; up to 12 ft. with 0° nozzle

**REQUIREMENTS / SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Water Pressure</th>
<th>400 - 1000 psi</th>
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<td>3.1 gpm</td>
<td>11.7 lpm</td>
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<tr>
<td></td>
<td>9.5 mm</td>
<td>15.2 m</td>
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</tbody>
</table>

**Includes**

- Machined stainless steel injector body
- Stainless steel mounting enclosure
- Color-coded metering tips for up to 21 dilution ratios
- High pressure discharge hose, trigger gun, stainless steel airless foam wand with fan and 0° nozzles
- Portable models feature all stainless steel carts

---

Model # | Description
---|---
917905  | A-20SS Airless Foamer
917910  | Portable 5 Gallon A-20SS Airless Foamer
917907  | 2-Way A-20SS Airless Foamer Complete
Lafferty

**Lafferty Stainless Steel Hose End Airless Foamers & Compact Airless Foamers**

Are machined stainless steel venturis that quick connect to a high pressure trigger gun and draw chemical and air to create clinging wet foam. Can apply more aggressive chemicals since no chemical passes through the hose or trigger gun.

These rugged foamers come with everything needed for injecting chemicals using a high pressure water outlet — quick connect fittings, metering tips and clear tubing with strainer or 32 oz. chemical bottle.

**Stainless Steel Hose End Airless Foamers & Compact Foamers**

**Requires:** 1000 psi water (minimum) & chemical concentrate

- Draw chemical concentrate from any chemical container (Hose End models) or from the attached 32 oz. bottle (Compact model) and dilute it to the required ratio.
- Foam is created instantly by the stainless steel venturi airless foam wand
- Two foam nozzles: Fan nozzle for quick coverage, up close and zero degree nozzle for added distance
- Foam throw up to 25 ft. (up to 18 ft. for HC models)
- Quickly change from foaming to rinsing.
- Choice of two Hose End models and one Compact model

**Model # | Description**
--- | ---
969620 | Model 20 SS Hose End Airless Foamer
969620HC | Model 20 SS HC Hose End Airless Foamer

**Jug Lid (1 Gallon / 5 Gallon) with Suction Tube**

For use with hose end airless foamers & sprayers

- Machined polypropylene lid; Threads fit 1 gallon jugs and the pull-up spout of many 5 gallon jugs
- Safe and Convenient — Prevents chemical splashing; Allows quick replacement of concentrate
- Includes tube barbs and attached suction tube

**Model # | Description**
--- | ---
709101 | Lid w/Suction Tube, 1 & 5 Gallon Jugs

**Requirements / Specifications**

<table>
<thead>
<tr>
<th>Water Flow Rate</th>
<th>Minimum</th>
<th>1000 psi</th>
<th>68.9 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 20</td>
<td>over 3 gpm</td>
<td>11.4 lpm</td>
<td></td>
</tr>
</tbody>
</table>

Includes:

- All stainless steel construction: Foamer body, quick connect plug, airless foam wand and nozzles
- Fan and 0° foam nozzles
- 32 oz. heavy duty, wide-mouth HDPE bottle (969611-B & 969621-B)
- Color coded metering tips for up to 21 dilution ratios

**Fax order • 800-699-3719**

Model # | Description
--- | ---
969621-B | Model 20 SS Compact Airless Foamer

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

_Blue, standard_
**Lafferty Stainless Steel Hose End Airless Sprayers & Compact Sprayers**

Are machined stainless steel venturis that quick connect to a high pressure trigger gun and draw chemical and air to create a chemical spray. Can apply more aggressive chemicals since no chemical passes through the hose or trigger gun.

These rugged sprayers come with everything needed for injecting chemicals using a high pressure water outlet — quick connect fittings, metering tips and clear tubing with strainer or 32 oz. chemical bottle.

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**Stainless Steel Hose End Sprayers & Compact Sprayers**

Requires: 1000 PSI Water (Minimum) & Chemical Concentrate

- **Model #**
- **Description**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>969520</td>
<td>Model 20 SS Hose End Sprayer</td>
</tr>
</tbody>
</table>

**Jug Lid (1 Gallon / 5 Gallon) with Suction Tube**

For Use With Hose End Airless Foamers & Sprayers

- Machined polypropylene lid; Threads fit 1 gallon jugs and the pull-up spout of many 5 gallon jugs
- Safe and Convenient — Prevents chemical splashing; Allows quick replacement of concentrate
- Includes tube barbs and attached suction tube

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>709101</td>
<td>Lid w/Suction Tube, 1 &amp; 5 Gallon Jugs</td>
</tr>
</tbody>
</table>

**Requirements / Specifications**

**Water Flow Rate**

- **Minimum 1000 psi**
- **68.9 bar**
- **Model 20**
- **Over 3 gpm**
- **11.4 lpm**

Includes:

- All stainless steel construction: Injector, quick connect plug and nozzle
- Fan spray nozzle
- 32 oz. heavy duty, wide-mouth HDPE bottle (969511-B & 969521-B)
- Color coded metering tips for up to 21 dilution ratios

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

(Based, standard)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>969521-B</td>
<td>Model 20 SS Compact Sprayer</td>
</tr>
</tbody>
</table>
**Lafferty Combo Airless Foamer/Sprayer Kits**

Lafferty Combo Airless Foamer/Sprayer Kits are machined stainless steel venturi injectors that quick connect to a high pressure water outlet and include a venturi foam wand and a spray nozzle that quick connect to a trigger gun. The injector draws chemical concentrate from any chemical container and dilutes it to the required ratio.

These kits come with everything needed for injecting chemicals using a high pressure water outlet — metering tips, quick connect fittings, clear tubing, and strainer.

**Stainless Steel Combo Airless Foamer / Sprayer Kits**

REQUIRES: 1000 PSI WATER (MINIMUM) & CHEMICAL CONCENTRATE

- Draw chemical concentrate from any chemical container and dilute it to the required ratio.
- Select the stainless steel airless foam wand to instantly create wet cling foam.
- Select the stainless steel spray nozzle to spray non foaming chemicals.
- Two foam nozzles: Fan nozzle for quick coverage, up close and zero degree for added distance
- Foam throw up to 25 ft. (up to 18 ft. for HC models)
- Choice of six models
  - HC models for high concentrate solutions
  - DU model draws and dilutes two chemicals

**Requirements / Specifications**

<table>
<thead>
<tr>
<th>Water Flow Rate</th>
<th>Minimum 1000 psi</th>
<th>68.9 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 10</td>
<td>2-3 gpm</td>
<td>7.6-11.4 lpm</td>
</tr>
<tr>
<td>Model 20</td>
<td>3-6 gpm</td>
<td>11.4-22.7 lpm</td>
</tr>
<tr>
<td>Model 40</td>
<td>5-8 gpm</td>
<td>18.9-30.3 lpm</td>
</tr>
</tbody>
</table>

Includes:

- All stainless steel construction: Injector, quick connect plugs and sockets, airless foam wand and nozzles
- Fan spray nozzle, and 0° and fan foam nozzles
- Color coded metering tips for up to 21 dilution ratios

**Model #** | **Description**
---|---
969710 | Model 10 SS Combo Airless Foamer / Sprayer Kit
969710HC | Model 10 SS HC Combo Airless Foamer / Sprayer Kit
969720 | Model 20 SS Combo Airless Foamer / Sprayer Kit
969720HC | Model 20 SS HC Combo Airless Foamer / Sprayer Kit
969720HCDU | Model 20 SS HCDU Combo Airless Foamer / Sprayer Kit
969725 | Model 40 SS Combo Airless Foamer / Spray Kit

HC (High Concentrate) unit for up to 5:1 dilution ratio
DU unit for Dual Chemical pick-up assemblies

**Jug Lid (1 Gallon / 5 Gallon) with Suction Tube**

FOR USE WITH HOSE END AIRLESS FOAMERS & SPRAYERS

- Machined polypropylene lid – Threads fit 1 gallon jugs and the pull-up spout of many 5 gallon jugs
- Safe and Convenient — Prevents chemical splashing: Allows quick replacement of concentrate
- Incorporated barb attaches directly to suction tube of Lafferty Hose End Sprayer or Airless Foamer
- Includes attached suction tube

**Model #** | **Description**
---|---
709101 | Lid w/Suction Tube, 1 & 5 Gallon Jugs
**LAFERTY HIGH PRESSURE FOAMERS** are water-driven venturi systems that accurately dilute chemical concentrates to required ratios and project high quality foam onto any surface, providing for superior cleaning and visual assurance of complete coverage. A range of foam volumes and throw distances are available and the optimum model to use will be determined by the application and desired coverage speed.

Wall mount models offered with Lafferty’s signature heavy duty stainless steel mounting enclosures and portable models feature heavy duty stainless steel carts.

**HP FOAMERS**

**REQUIRES: 400-1000 PSI WATER & COMPRESSED AIR**

- Lafferty HP air assisted foamers offer medium volume foaming capabilities for all foaming applications where high pressure water is available.
- Foam throw distance of up to 13 feet with included fan nozzle — Optional 0° nozzle available for greater foam throw distances.
- Covers up to 500 ft² (46.5 m²) in 2 minutes
- Stainless steel model (HPSS) for use at higher temperatures and pressures
- 2-Way HPSS Foamer includes two chemical suction tubes with ball valves to allow alternating between two different chemicals and/or dilution ratios.

**REQUIREMENTS / SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>918105</td>
<td>HP Foamer</td>
</tr>
<tr>
<td>918115</td>
<td>HPSS Foamer</td>
</tr>
<tr>
<td>918115DU</td>
<td>HPSS DU* Foamer</td>
</tr>
<tr>
<td>918805</td>
<td>Portable 5 Gallon HPSS Foamer</td>
</tr>
<tr>
<td>918805DU</td>
<td>Portable Dual 5 Gallon HPSS DU Foamer</td>
</tr>
<tr>
<td>918820</td>
<td>Portable 20 Gallon HPSS Foamer</td>
</tr>
</tbody>
</table>

* DU indicates Dual chemical pickups for adding a foaming agent or drawing two compatible chemicals at once

Higher pressures can be accommodated. Contact us for details.

- Includes
  - Machined polypropylene or stainless steel foamer body
  - Stainless steel mounting enclosure
  - Color-coded metering tips for up to 21 dilution ratios
  - Discharge hose, open flow foam wand and matching nozzle

![Lafferty HP Foamer](image)

**E-mail order  •  sales@laffertyequipment.com**

Open flow polypropylene foam wand and matching fan nozzle

Upgrade Option for Units listed this page: Stainless Steel Wand upgrade when ordering with unit. Request item # 536603-X.
Lafferty

HYPER FOAMERS
REQUIRES: 400-1000 PSI WATER & COMPRESSED AIR

- Lafferty Hyper air assisted foamers offer fast foaming capabilities for all foaming applications where high pressure water is available.
- Foam throw distance of up to 13 feet with included fan nozzle — Optional 0° nozzle available for greater foam throw distance.
- Covers up to 500 ft² (46.5 m²) in 1½ minutes

REQUIREMENTS / SPECIFICATIONS

<table>
<thead>
<tr>
<th>Compressed Air (up to)</th>
<th>5 cfm</th>
<th>141.6 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pressure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyper</td>
<td>400-700 psi</td>
<td>27.6-48.3 bar</td>
</tr>
<tr>
<td>Hyper SS</td>
<td>400-1000 psi</td>
<td>27.6-69.0 bar</td>
</tr>
<tr>
<td>Water Flow Rate @ 700 psi @ 48.3 bar</td>
<td>3.3 gpm</td>
<td>12.5 lpm</td>
</tr>
</tbody>
</table>

Discharge Hose

<table>
<thead>
<tr>
<th>ID</th>
<th>Length</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 in.</td>
<td>50 ft.</td>
<td>19.1 mm</td>
</tr>
</tbody>
</table>

Includes

- Stainless steel base and cover
- Machined polypropylene or stainless steel foamer body
- Color-coded metering tips for up to 21 dilution ratios
- Discharge hose, open flow foam wand and matching fan nozzle. (0° nozzle optional)
- Draw chemical concentrate from any chemical container and dilute it to the required ratio.
- Portable models feature all stainless steel carts.

Model #  Description
917105  Hyper Foamer
917115  Hyper SS Foamer
917115DU  Hyper SS DU Foamer
917805  Portable 5 Gallon Hyper SS Foamer
917820  Portable 20 Gallon Hyper SS Foamer

Open flow polypropylene foam wand and matching fan nozzle
LAFERTY HIGH PRESSURE AIRLESS HOSE DROP STATIONS are convenient combination systems that will apply one or two chemicals — as spray or airless foam — and rinse. Hose Drop Stations are water-driven venturi systems that accurately dilute chemical concentrates to required ratios and project a spray or high quality foam onto any surface. Offered with Lafferty’s signature heavy duty stainless steel mounting enclosures.

RINSE / AIRLESS FOAM HOSE DROP STATION

REQUIRES: 400-1000 PSI WATER

- For use with high pressure water systems
- The Rinse / Airless Foam Hose Drop Station is a convenient combination system that will apply airless foam and rinse.
- Lafferty Airless Foamers do not require compressed air, eliminating cost and equipment adjustment issues.
- Foam is created instantly by the venturi airless foam wand.
- Foam throw distance up to 10 ft. with fan nozzle; up to 12 ft. with 0° nozzle

REQUIREMENTS / SPECIFICATIONS

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<tr>
<th>Water Pressure</th>
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<tbody>
<tr>
<td>Water Flow Rate</td>
<td>700 psi</td>
<td>48.3 bar</td>
</tr>
<tr>
<td>A-20SS Airless Foam</td>
<td>3.1 gpm</td>
<td>11.7 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>5.0 gpm</td>
<td>18.9 lpm</td>
</tr>
</tbody>
</table>

Discharge Hose

- ID: 3/8 in. 9.5 mm
- Length: 50 ft. 15.2 m

Includes

- Machined stainless steel injector body
- Stainless steel mounting enclosure
- Stainless steel ball valves
- Color-coded metering tips for up to 21 dilution ratios
- Two discharge hose assemblies:
  - Foam: High pressure hose, trigger gun, stainless steel airless foam wand with fan and 0° nozzles
  - Rinse: High pressure hose, trigger gun, stainless steel wand and matching fan nozzle

Trigger gun, wand and matching fan nozzle.

Trigger gun with airless foam wand.

Model # | Description
--------|-----------------|
917918   | Rinse / A-20SS Airless Foam HDS
Lafferty

SANITIZE / AIRLESS FOAM HOSE DROP STATION

REQUIRES: 400-1000 PSI WATER

- Lafferty stainless steel Sanitize / Airless Foam Hose Drop Stations are convenient combination systems that will apply one chemical as foam and a second chemical as a sanitizing spray.
- The Lafferty W-20SS Sanitizer produces a medium spray.
- Lafferty Airless Foamers do not require compressed air, eliminating cost and equipment adjustment issues.
- Foam is created instantly by the venturi airless foam wand.
- Foam throw distance up to 10 ft. with fan nozzle; up to 12 ft. with 0° nozzle

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<tr>
<td>Sanitize</td>
<td>3.1 gpm</td>
<td>11.7 lpm</td>
</tr>
<tr>
<td>A-20SS Airless Foam</td>
<td>3.1 gpm</td>
<td>11.7 lpm</td>
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Discharge Hose

| ID  | 3/8 in.  | 9.5 mm |
| Length | 50 ft.  | 15.2 m |

Includes

- Machined stainless steel injector bodies
- Stainless steel mounting enclosure
- Stainless steel ball valves
- Color-coded metering tips for up to 21 dilution ratios
- Two discharge hose assemblies:
  Sanitize: High pressure hose, trigger gun, stainless steel wand and matching fan nozzle
  Foam: High pressure hose, trigger gun, stainless steel airless foam wand with fan and 0° nozzles
- Portable models feature all stainless steel carts

Model # | Description
---------|----------------------------------
917920   | W-20SS Sanitize / A-20SS Airless Foam Hose Drop Station
917942   | Portable W-20SS Sanitize / A-20SS Airless Foam Hose Drop Station

Trigger gun, wand and matching fan nozzle.

Trigger gun with airless foam wand.
SANITIZE / RINSE / AIRLESS FOAM HOSE DROP STATIONS

REQUIRES: 400-1000 PSI WATER

- For use with high pressure water systems, Lafferty Sanitize / Rinse / Airless Foam Hose Drop Stations are convenient combination systems that will apply one chemical as airless foam and a second chemical as a sanitizing spray, and rinse.
- The Lafferty W-20SS Sanitizer produces a medium spray.
- Lafferty Airless Foamers do not require compressed air, eliminating cost and equipment adjustment issues.
- Foam is created instantly by the venturi airless foam wand.
- Foam throw distance up to 10 ft. with fan nozzle; up to 12 ft. with 0° nozzle

REQUIREMENTS / SPECIFICATIONS

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<tr>
<td>Sanitize</td>
<td>3.1 gpm</td>
<td>12.5 lpm</td>
</tr>
<tr>
<td>A-20SS Airless Foam</td>
<td>3.1 gpm</td>
<td>11.7 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>8.4 gpm</td>
<td>31.8 lpm</td>
</tr>
</tbody>
</table>

Discharge Hose

<table>
<thead>
<tr>
<th>ID</th>
<th>3/8 in.</th>
<th>9.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>50 ft.</td>
<td>15.2 m</td>
</tr>
</tbody>
</table>

Includes

- Machined stainless steel injector bodies
- Stainless steel mounting enclosure
- Stainless steel ball valves
- Color-coded metering tips for up to 21 dilution ratios
- Two discharge hose assemblies:
  - Sanitize / Rinse: High pressure hose, trigger gun, stainless steel wand and matching fan nozzle and hose quick disconnects so single hose can be used for both functions
  - Foam: High pressure hose, trigger gun, stainless steel airless foam wand with fan and 0° nozzles

Model # | Description
---|---
917927 | W-20SS Sanitize / Rinse / A-20SS Airless Foam Hose Drop Station

Trigger gun, wand and matching fan nozzle.
Lafferty High Pressure Hose Drop Stations are convenient combination systems offered as Rinse/Foam, Sanitize/Foam, and Sanitize/Rinse/Foam configurations.

Lafferty Hose Drop Stations are water-driven, air-assisted venturi systems that accurately dilute chemical concentrates to required ratios and project a spray or high quality foam onto any surface.

Offered with Lafferty's signature heavy duty stainless steel mounting enclosures.

Rinse / Foam Hose Drop Stations

**REQUIRES: 400-1000 / 2000 PSI WATER & COMPRESSED AIR**

- For use with high pressure water systems, Lafferty stainless steel Rinse / Foam Hose Drop Stations are convenient combination systems that will apply foam and rinse.
- Choice of two foaming volumes.
- Foam throw distance of up to 13 ft. with included fan nozzle — Optional 0° nozzle available for greater foam throw distance.
- Covers up to 500 ft² (46.5 m²) in 2 minutes

**917118 REQUIREMENTS / SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Compressed Air (up to)</th>
<th>5 cfm</th>
<th>141.6 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pressure</td>
<td>400-1000 psi</td>
<td>27.6-69.0 bar</td>
</tr>
<tr>
<td>Water Flow Rate</td>
<td>@ 700 psi</td>
<td>@ 48.3 bar</td>
</tr>
<tr>
<td>Hyper SS Foam</td>
<td>3.3 gpm</td>
<td>12.5 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>5.0 gpm</td>
<td>18.9 lpm</td>
</tr>
</tbody>
</table>

**Discharge Hoses**

- ID - Foam: 3/4 in. 19.1 mm
- ID - Rinse: 3/8 in. 9.5 mm
- Length (Foam/Rinse): 50 ft. 15.2 m

**918118 REQUIREMENTS / SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Compressed Air (up to)</th>
<th>5 cfm</th>
<th>141.6 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pressure</td>
<td>400-2000 psi</td>
<td>27.6-137.9 bar</td>
</tr>
<tr>
<td>Water Flow Rate</td>
<td>@ 700 psi</td>
<td>@ 48.3 bar</td>
</tr>
<tr>
<td>HPSS Foam</td>
<td>2.0 gpm</td>
<td>7.6 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>2.9 gpm</td>
<td>11.0 lpm</td>
</tr>
</tbody>
</table>

**Discharge Hoses**

- ID - Foam: 1/2 in. 12.7 mm
- ID - Rinse: 3/8 in. 9.5 mm
- Length (Foam/Rinse): 50 ft. 15.2 m

**Included**

- Machined stainless steel foamer bodies
- Stainless steel mounting enclosure and ball valves
- Color-coded metering tips for up to 21 dilution ratios
- Two discharge hose assemblies:
  - Foam: Hose with open flow, polypropylene foam wand and matching nozzle
  - Rinse: Hose with rinse trigger gun, stainless steel wand and matching nozzle

---

Fax order  •  800-699-3719
SANITIZE/FOAM HOSE DROP STATIONS

REQUIRES: 400-1000 / 2000 PSI WATER & COMPRESSED AIR

- For use with high pressure water systems, Lafferty stainless steel Sanitize / Foam Hose Drop Stations are convenient combination systems that will apply one chemical as foam and a second chemical as a sanitizing spray.
- The Lafferty W-20SS Sanitizer produces a medium volume spray.
- Choice of two foaming volumes.
- Foam throw distance of up to 13 ft. with included fan nozzle — Optional 0° nozzle available for greater foam throw distance.
- Covers up to 500 ft² (46.5 m²) in 2 minutes

917120 REQUIREMENTS / SPECIFICATIONS

| Compressed Air (up to) | 5 cfm | 141.6 lpm |
| Water Pressure | 400 - 1000 psi | 27.6 - 69.0 bar |
| Water Flow Rate | @ 700 psi | @ 48.3 bar |
| Sanitize | 3.3 gpm | 12.5 lpm |
| Hyper SS Foam | 3.3 gpm | 12.5 lpm |
| Discharge Hose | | |
| ID - Sanitize | 3/8 in. | 9.5 mm |
| ID - Foam | 3/4 in. | 19.1 mm |
| Length (Sanitize/Foam) | 50 ft. | 15.2 m |

918120 REQUIREMENTS / SPECIFICATIONS

| Compressed Air (up to) | 5 cfm | 141.6 lpm |
| Water Pressure | 400 - 2000 psi | 27.6 - 137.9 bar |
| Water Flow Rate | @ 700 psi | @ 48.3 bar |
| Sanitize | 3.3 gpm | 12.5 lpm |
| HPSS Foam | 2.0 gpm | 7.6 lpm |
| Discharge Hose | | |
| ID - Sanitize | 3/8 in. | 9.5 mm |
| ID - Foam | 1/2 in. | 12.7 mm |
| Length (Sanitize/Foam) | 50 ft. | 15.2 m |

Includes
- Machined stainless steel foamer bodies
- Stainless steel mounting enclosure
- Stainless steel ball valves
- Color-coded metering tips for up to 21 dilution ratios
- Two discharge hose assemblies:
  - Sanitize: High pressure hose, trigger gun, stainless steel wand and matching nozzle
  - Foam: Hose, open flow polypropylene foam wand and matching nozzle

Model # | Description
--- | ---
917120 | W-20SS Sanitize / Hyper SS Foam HDS
918120 | W-20SS Sanitize / HPSS Foam HDS

Sanitize trigger gun, stainless steel wand and matching fan nozzle
Open flow polypropylene foam wand and matching fan nozzle
Upgrade Option for 918120 listed this page: Stainless Steel Wand upgrade when ordering with unit. Request item # 536603-X.
SANITIZE/RINSE/FOAM HOSE DROP STATIONS

REQUIRES: 400-1000 / 2000 PSI WATER & COMPRESSED AIR

• For use with high pressure water systems, Lafferty stainless steel Sanitize/Rinse/Foam Hose Drop Stations are convenient combination systems that will apply one chemical as foam, rinse, and apply a second chemical as a sanitizing spray.

• The Lafferty W-20SS Sanitizer produces a medium volume spray.

• Choice of two foaming volumes.

• Foam throw distance of up to 13 ft. with included fan nozzle. Optional 0° nozzle available for greater foam throw distance.

• Covers up to 500 ft² (46.5 m²) in 2 minutes

• Quick disconnects allow one hose to be used for both sanitizing and rinse.

• Dedicated foam hose

917227 REQUIREMENTS / SPECIFICATIONS

<table>
<thead>
<tr>
<th>Compressed Air (up to)</th>
<th>5 cfm</th>
<th>141.6 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pressure</td>
<td>400 - 1000 psi</td>
<td>27.6 - 69.0 bar</td>
</tr>
<tr>
<td>Water Flow Rate</td>
<td>@ 700 psi</td>
<td>@ 48.3 bar</td>
</tr>
<tr>
<td>Sanitize</td>
<td>3.3 gpm</td>
<td>12.5 lpm</td>
</tr>
<tr>
<td>Hyper SS Foam</td>
<td>3.3 gpm</td>
<td>12.5 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>8.4 gpm</td>
<td>31.8 lpm</td>
</tr>
</tbody>
</table>

Discharge Hoses

- ID - Sanitize/Rinse: 3/8 in. (9.5 mm)
- ID - Foam: 3/4 in. (19.1 mm)
- Length: 50 ft. (15.2 m)

918227 REQUIREMENTS / SPECIFICATIONS

<table>
<thead>
<tr>
<th>Compressed Air (up to)</th>
<th>5 cfm</th>
<th>141.6 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Pressure</td>
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<td>Water Flow Rate</td>
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<td>Sanitize</td>
<td>3.3 gpm</td>
<td>12.5 lpm</td>
</tr>
<tr>
<td>HPSS Foam</td>
<td>2.0 gpm</td>
<td>7.6 lpm</td>
</tr>
<tr>
<td>Rinse</td>
<td>8.4 gpm</td>
<td>31.8 lpm</td>
</tr>
</tbody>
</table>

Discharge Hoses

- ID - Sanitize/Rinse: 3/8 in. (9.5 mm)
- ID - Foam: 1/2 in. (12.7 mm)
- Length: 50 ft. (15.2 m)

Includes

• Machined stainless steel sanitizer and foamer bodies

• Stainless steel mounting enclosure

• Stainless steel ball valves

• Color-coded metering tips for up to 21 dilution ratios

• Two discharge hose assemblies:
  Sanitize/rinse: High pressure hose with quick disconnects, trigger gun, stainless steel wand and matching nozzle
  Foam: Hose, open flow polypropylene foam wand and matching nozzle

Fax order  •  800-699-3719
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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Diameter or Width x Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>224195</td>
<td>Jug Rack, SS, 1 Quart</td>
<td>3 ¾ in. ID, 95.2 mm ID</td>
</tr>
<tr>
<td>224200</td>
<td>Jug Rack, SS, 1 Gallon, Round/Square</td>
<td>6 ½ x 5 ¾ in., 161.9 x 146 mm</td>
</tr>
<tr>
<td>224200-L</td>
<td>Jug Rack, SS, 1 Gallon, Round/Square Locking</td>
<td>6 ½ x 5 ¾ in., 161.9 x 146 mm</td>
</tr>
<tr>
<td>224210</td>
<td>Jug Rack, SS, 2 ½ Gallon</td>
<td>10 ½ x 8 ½ in., 266.7 x 215.9 mm</td>
</tr>
<tr>
<td>224214</td>
<td>Jug Rack, SS, 5 Gallon, Square Locking</td>
<td>12 x 12 in., 304.8 x 304.8 mm</td>
</tr>
<tr>
<td>224215</td>
<td>Jug Rack, SS, 5 Gallon</td>
<td>12 x 12 in., 304.8 x 304.8 mm</td>
</tr>
<tr>
<td>224216</td>
<td>Jug Rack, SS, 5 Gallon, Round Locking</td>
<td>12 ½ ID, 317.5 mm ID</td>
</tr>
</tbody>
</table>

LOCKABLE
STAINLESS STEEL HOSE RACKS

HOSE CARRYING CAPACITY

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Inside Diameter x Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>224140</td>
<td>Strap</td>
<td>1/2 in. ID up to 75 ft. (+/-)</td>
</tr>
<tr>
<td>224145</td>
<td>Small</td>
<td>3/4 in. ID up to 75 ft. (+/-)</td>
</tr>
<tr>
<td>224150</td>
<td>Large</td>
<td>1 in. ID up to 75 ft. (+/-)</td>
</tr>
<tr>
<td>224160</td>
<td>Tilt</td>
<td>3/4 in. ID up to 100 ft. (+/-)</td>
</tr>
</tbody>
</table>

STAINLESS STEEL HOSE REEL

- 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” I.D. hose (*Compatible model groups listed below.*)

Features

- High Quality Electro-Polished Stainless Steel Construction
- Non-Corrosive Stainless Steel Fluid Path Featuring Stainless Steel Swivel
- Auto Rewind Easily Wraps, Stores & Protects Hose
- Guide Arm Adjusts To Wall, Floor & Overhead Positions
- Made In The U.S.A.

REQUIREMENTS / SPECIFICATIONS

<table>
<thead>
<tr>
<th>Water Pressure</th>
<th>Discharge Hose ID</th>
<th>either</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 300 PSI</td>
<td>1/2 in.</td>
<td>12.7 mm</td>
</tr>
<tr>
<td></td>
<td>3/4 in.</td>
<td>19.1 mm</td>
</tr>
</tbody>
</table>

Includes:

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

Model # Description

<table>
<thead>
<tr>
<th>Model #</th>
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<tbody>
<tr>
<td>224140</td>
<td>Hose Strap, SS</td>
</tr>
<tr>
<td>224145</td>
<td>Hose Rack, SS, Small</td>
</tr>
<tr>
<td>224150</td>
<td>Hose Rack, SS, Large</td>
</tr>
<tr>
<td>224160</td>
<td>Hose Rack, SS, Large Tilt</td>
</tr>
<tr>
<td>224178-A</td>
<td>Hose Reel, 3/4”, Stainless Steel, 300 PSI, Spring Return with Jumper Hose Kit†</td>
</tr>
</tbody>
</table>

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

* (Compatible Foamers Series: LV; LC; Ultimate, Uni-Body; BP; Mega; HP; Hyper; all Airless Foamers up to 300 psi)

† Compatible Spray Applicators: All Spray-Alls and Sanitizers up to 300 psi, including WR series – WR-1, WR-2, WR-3)
**DRUM STICK / TOTE STICK**

- Drum bung adaptor machined to fit either coarse or fine-threaded bung holes
- Chemical/acid resistant polypropylene construction
- Connects to chemical pick-up tubes fitted to any venturi applicator or chemical pumping system
- Drum bung adaptor and tote cover keep trash out of chemical and allow easy depth adjustment of the Drum or Tote Stick.
- Rigid pipe overcomes problems common with flexible tubing
- Hastelloy strainer easily accessible for cleaning
- Choice of Viton or EPDM seals

**SPECIFICATIONS**

**Hose barbs:**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>ID</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 in.</td>
<td>6.3 mm</td>
<td>33 in.</td>
</tr>
<tr>
<td>3/8 in.</td>
<td>9.5 mm</td>
<td>54 in.</td>
</tr>
<tr>
<td>1/2 in.</td>
<td>12.7 mm</td>
<td>48 in.</td>
</tr>
<tr>
<td>3/4 in.</td>
<td>19.0 mm</td>
<td></td>
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</tbody>
</table>

**Polypropylene extension tube**

<table>
<thead>
<tr>
<th>ID</th>
<th>Length</th>
<th>Drum Stick</th>
<th>Tote Stick</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 in.</td>
<td>19.1 mm</td>
<td>0.8 m</td>
<td>1.2 m</td>
</tr>
</tbody>
</table>

**Includes**

- Machined polypropylene drum bung adaptor with coarse and fine threads
- Four polypropylene hose barbs
- Polypropylene chemical check valve
- Hastelloy chemical strainer

**Chemical Dispensing Accessories: 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.
- **Pail Sticks:** Polypropylene sticks with sliding collars, threaded to fit ¼” container lid knockouts. **Model 709105** includes a 16” Pail Stick and 5 gallon pail with lid.

**Model #** | **Description**
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>491643</td>
<td>Drum Stick, 33” (Viton seals)</td>
</tr>
<tr>
<td>491643-E</td>
<td>Drum Stick, 33” (EPDM seals)</td>
</tr>
<tr>
<td>491645</td>
<td>Drum Stick, 54” (Viton seals)</td>
</tr>
<tr>
<td>491645-E</td>
<td>Drum Stick, 54” (EPDM seals)</td>
</tr>
<tr>
<td>491654</td>
<td>Tote Stick, 48” (Viton seals)</td>
</tr>
<tr>
<td>491654-E</td>
<td>Tote Stick, 48” (EPDM seals)</td>
</tr>
</tbody>
</table>

**Hose barbs:**

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**Polypropylene extension tube**

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</tbody>
</table>

**Includes**

- Machined polypropylene drum bung adaptor with coarse and fine threads
- Four polypropylene hose barbs
- Polypropylene chemical check valve
- Hastelloy chemical strainer

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