4 Compressed Air Operated Systems

- AODD Pump Powered Foamers / Sprayers
- Pre-Dilute
- Venturi
- Tank Foamers / Sprayers
- LV Tank Foamers

Color options available for any 20 Gallon portable model
Compressed Air Operated Systems
Production & Environmental Sanitation Equipment

Perfect Expectations in an Imperfect World

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. However, water capacity or infrastructure is sometimes inadequate for the stringent demands on production and environmental sanitation.

For facilities with various types of water limitations, Lafferty has successfully applied nearly 40 years of chemical application experience to designing compressed air operated systems for a wide range of application requirements, from light to heavy duty and for jobs large or small.

Lafferty builds quality into every piece of chemical application equipment – from the precision machining of our foamer and sprayer 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.

When perfection is your mission, Lafferty’s quality and performance provide you with the best tools available for achieving your cleaning and sanitation expectations.

Lafferty’s “Complete Balanced System” Approach to Compressed Air Operated Systems

All Lafferty products are designed with specific applications in mind, resulting in the careful selection of materials and components to match the equipment’s intended use, in a cost-effective manner.

In facilities, or areas within a facility, where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers, an alternative method for applying foam and sanitizer is required.

This “Complete Balanced System Approach” is the basis for offering our compressed air operated foamer and sprayer systems in both “RTU Chemical Solution” and “Water Driven Venturi” configurations, along with a choice of three air operated double diaphragm pumps and the pump-free option of tank foamers and sprayers.

The choice of system will depend on the intended application and how heavily the system is likely to be used.
Lafferty Compressed Air Operated Systems

**Freedom Foamers and Sprayers** feature a **Yamada ¼" Air Pump**.

The Yamada’s all-bolted design uses a shortened-stroke technology and has a “true” non-lubricated air valve which helps to extend pump life. With no rotors, gears or pistons – that wear over time – pumping efficiency remains constant.

Features include:

- Teflon diaphragm only
- Uses “static” O-ring technology to create seals
- Has only two dynamic seals
- Mechanical construction for ease of maintenance and repair
- Pump can be rebuilt

**Freedom XV & HV Foamers** feature a **Sandpiper ½" Air Pump**.

This pump provides the extra volume required for quick foam coverage of large areas.

Features include:

- Santoprene diaphragm
- Teflon diaphragm upgrade available
- All-bolted design
- Pump can be rebuilt

**Liberty Foamers and Sprayers** feature a lighter duty **Flojet ¼" Air Pump**.

The Flojet’s specially designed shuttle valve, check valves and high performance capabilities have been combined to produce a “value-priced” small, light duty pump.

Features include:

- Santoprene diaphragm
- Viton and Kalrez diaphragm upgrades available
- Lafferty quick release stainless steel mounting bracket and quick disconnect port fittings for ease of pump replacement.

**Precision Foamers** also feature the **Flojet ¼" Air Pump**.

These systems have been designed to produce a low volume of rich foam and are ideal for jobs where precision application and tight control of over-spray are required.

**Tank Foamers & Sprayers** are driven solely by **Compressed Air**.

Compressed air is used to pressurize RTU solution or water in a pressure rated stainless steel tank.

Features include:

- No air pump
- No moving parts
- Virtually maintenance free
**Lafferty Freedom Foamers & Sprayers**

**Lafferty Freedom Foamers & Sprayers** are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers.

A Yamada air pump, mounted inside a lockable stainless steel enclosure, is used to draw and pressurize a ready-to-use chemical solution.

Portable models feature all stainless steel carts, heavy duty stainless steel casters and replaceable polyethylene tanks.

---

**Freedom Foamers and Sprayers**

*Create and project a usable amount of foam, or spray, onto any surface, with little waste.*

RTU chemical solution flow is regulated to match the mid-range of the air pump’s specified operating range, protecting the pump from running repetitively at maximum capacity.

**Freedom Foamers**

- Offered with the choice of two flow rates – Standard Flow or LF (Low Flow)
- Fan nozzle for quick coverage

**Freedom Sprayers**

- Two fan nozzles control the usage of the chemical solution

---

**PRE-DILUTE**

Yamada Pump

1/4" AODD

Teflon Diaphragm

**OPTIONS**

Upgrade Option for foamers listed this page:

Stainless Steel Wand upgrade when ordering with unit. Request item # 536603-X.

**COLOR OPTIONS**

Freedom Foamers & Sprayers are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers.

A Yamada air pump, mounted inside a lockable stainless steel enclosure, is used to draw and pressurize a ready-to-use chemical solution.

Portable models feature all stainless steel carts, heavy duty stainless steel casters and replaceable polyethylene tanks.

**FREEDOM FOAMERS & SPRAYERS**

**REQUIRES: COMPRESSED AIR & READY-TO-USE CHEMICAL SOLUTION**

---

**Freedom Foamers**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>943105</td>
<td>Wall Mount Freedom Foamer</td>
</tr>
<tr>
<td>943180*</td>
<td>Portable 2 Wheeled 20 Gallon Freedom Foamer</td>
</tr>
<tr>
<td>943182*</td>
<td>Portable 20 Gallon Freedom Foamer</td>
</tr>
<tr>
<td>943184</td>
<td>Portable 40 Gallon Freedom Foamer</td>
</tr>
<tr>
<td>943186</td>
<td>Portable 60 Gallon Freedom Foamer</td>
</tr>
<tr>
<td>538245</td>
<td>Drain Foamer Attachment (Freedom &amp; Liberty)</td>
</tr>
</tbody>
</table>

**Freedom Sprayers**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>942105</td>
<td>Wall Mount Freedom Sprayer</td>
</tr>
<tr>
<td>942180*</td>
<td>Portable 2 Wheeled 20 Gallon Freedom Sprayer</td>
</tr>
<tr>
<td>942182*</td>
<td>Portable 20 Gallon Freedom Sprayer</td>
</tr>
<tr>
<td>942184</td>
<td>Portable 40 Gallon Freedom Sprayer</td>
</tr>
<tr>
<td>942186</td>
<td>Portable 60 Gallon Freedom Sprayer</td>
</tr>
<tr>
<td>538245</td>
<td>Drain Foamer Attachment (Freedom &amp; Liberty)</td>
</tr>
</tbody>
</table>

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**Discharge Hose Length**

| Wall Mount | 50 ft | 15.2 m |
| Portables  | 40 ft | 12.2 m |

---

**Spraying Time** based on nozzle used

16 or 28 minutes

---

**Discharge Hose Length**

50 ft | 15.2 m

---

* *Available with color-coded 20-gallon tanks and hoses.*
LAFFERTY FREEDOM XV (EXTRA VOLUME) FOAMERS are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers.

A larger ½” Sandpiper air pump, mounted inside a lockable stainless steel enclosure, is used to draw and pressurize a ready-to-use chemical solution.

Portable models feature all stainless steel carts, heavy duty stainless steel casters and replaceable polyethylene tanks.

FREEDOM XV FOAMER
REQUIRES: COMPRRESSED AIR & READY-TO-USE CHEMICAL SOLUTION

Freedom XV Foamers offer greater foam throw distances and higher volume than Freedom Foamers, creating and projecting a large amount of quality foam onto any surface.

RTU chemical solution flow is regulated to match the mid-range of the air pump’s specified operating range, protecting the pump from running, repetitively, at maximum capacity.

- Zero degree nozzle for maximum foam throw distance

Freedom XV Foamers

<table>
<thead>
<tr>
<th>Foaming Time</th>
<th>15 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>(per 60 Gallons of RTU chemical)</td>
<td></td>
</tr>
</tbody>
</table>

| Usable Foam Throw with fan / 0° nozzle | 15 / 20 ft | 4.6 / 6.1 m |

<table>
<thead>
<tr>
<th>Coverage Rate</th>
<th>500 ft² (46.5 m²)</th>
<th>1 minute</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Discharge Hose Length</th>
<th>50 ft</th>
<th>15.2 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Mount</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portables</td>
<td>40 ft</td>
<td>12.2 m</td>
</tr>
</tbody>
</table>

MIXING STATIONS
REQUIRES: 35-100 PSI WATER & CHEMICAL CONCENTRATE

- Lafferty Mixing Stations are water-driven venturi proportioners that accurately dilute chemical concentrates to required ratios. Used to supply RTU chemical for Lafferty Freedom, Liberty or Internal Tank Foamers and Sprayers.

- Ball Valve & High Volume Mixing Stations provide hands-free dispensing of RTU chemical solutions. — Choice of two water flow rates for filling large containers quickly

- The Level Master is a float-valve-operated proportioner that automatically maintains a reservoir of RTU chemical solution for wall mounted units.

REQUIREMENTS / SPECIFICATIONS

<table>
<thead>
<tr>
<th>Water Pressure</th>
<th>35 - 100 psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Flow Rate</td>
<td>@ 40 psi</td>
</tr>
<tr>
<td>985100 (High Flow)</td>
<td>4.5 gpm</td>
</tr>
<tr>
<td>985835</td>
<td>9.9 gpm</td>
</tr>
</tbody>
</table>

Higher flow rates are available. Contact Us for details.

Level Master | 2.4 gpm | 9.1 lpm |

Includes

- Stainless steel mounting enclosure (985100 & 985835)
- Stainless steel ball valve (985835)
- Integrated backflow preventer (985100)
- Polypropylene injector bodies
- 20-gallon, polyethylene reservoir tank (Level Master)
- Color-coded metering tips for up to 21 dilution ratios

Model # | Description
---|---
944105 | Wall Mount Freedom XV Foamer
944186 | Portable 60 Gallon Freedom XV Foamer
710919 | Teflon Diaphragm Upgrade for 1/2” Air Pump
538250 | Drain Foamer Attachment (XV and HV)

Model # | Description
---|---
985100 | 1-Way Ball Valve Mixing Station — High Flow
985835 | High Volume Mixing Station
989020 | 20 Gallon Level Master
**VENTURI VENTURI FREEDOM FOAMERS & SPRAYERS** are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for conventional venturi foamers and sprayers.

A Yamada air pump, mounted inside a lockable stainless steel enclosure, is used to draw water from a tank and provide the water pressure required to drive the venturi foamer or sprayer.

No chemical passes through the air pump and no pre-dilution of chemical is required. Twenty metering tips accurately dilute chemical concentrates to required ratios. Tanks do not require rinsing when changing between chemicals.

Wall-mounted FT units connect directly to a water line and include an integral water float tank.

Portable models feature all stainless steel carts, heavy duty stainless steel casters and replaceable polyethylene tanks.

**VENTURI VENTURI FREEDOM FOAMERS & SPRAYERS**

**REQUIRES: COMPRESSED AIR & CHEMICAL CONCENTRATE & WATER**

Venturi Freedom Foamers & Sprayers create and project a usable amount of foam, or spray, onto any surface, with little waste.

Water is pumped through a venturi, which regulates the flow and draws and dilutes concentrated chemical.

Water flow is regulated to match the mid-range of the air pump's specified operating range, protecting the pump from running repetitively at maximum capacity.

**Venturi Freedom Foamers**

- Offered with the choice of two flow rates – LC (Standard Flow) or LV (Low Flow)
- Fan nozzle for quick coverage
- Upgrade wand to stainless steel at time of order. Request item # 536603-X.

**Venturi Freedom Sprayers** produce a medium volume spray

**Freedom LC Foamers**

<table>
<thead>
<tr>
<th>Foaming Time (per 20 Gallons of water)</th>
<th>16 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable Foam Throw</td>
<td>12 ft</td>
</tr>
<tr>
<td>Coverage Rate - 500 ft² (46.5 m²)</td>
<td>3.7 m</td>
</tr>
<tr>
<td>Discharge Hose Length</td>
<td>2½ minutes</td>
</tr>
<tr>
<td></td>
<td>40 ft</td>
</tr>
<tr>
<td></td>
<td>12.2 m</td>
</tr>
</tbody>
</table>

**Freedom LV Foamers**

<table>
<thead>
<tr>
<th>Foaming Time (per 20 Gallons of water)</th>
<th>33 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable Foam Throw</td>
<td>9 ft</td>
</tr>
<tr>
<td>Coverage Rate - 500 ft² (46.5 m²)</td>
<td>2.7 m</td>
</tr>
<tr>
<td>Discharge Hose Length</td>
<td>4½ minutes</td>
</tr>
<tr>
<td></td>
<td>40 ft</td>
</tr>
<tr>
<td></td>
<td>12.2 m</td>
</tr>
</tbody>
</table>

**Freedom W-20 Sprayers**

<table>
<thead>
<tr>
<th>Spraying Time (per 20 Gallons of water)</th>
<th>20 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge Hose Length</td>
<td>50 ft</td>
</tr>
<tr>
<td></td>
<td>15.2 m</td>
</tr>
</tbody>
</table>

* Available with color-coded 20-gallon tanks and hoses.

**Model #**  
**Description**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>943305</td>
<td>Wall Mount Freedom LC Foamer</td>
</tr>
<tr>
<td>943310</td>
<td>Wall Mount Freedom LC FT Foamer</td>
</tr>
<tr>
<td>943382</td>
<td>Portable 20 Gallon Freedom LC Foamer</td>
</tr>
<tr>
<td>943382DU*</td>
<td>Portable 20 Gallon Freedom LC DU Foamer</td>
</tr>
<tr>
<td>943386</td>
<td>Portable 60 Gallon Freedom LC Foamer</td>
</tr>
<tr>
<td>538245</td>
<td>Drain Foamer Attachment (Freedom &amp; Liberty)</td>
</tr>
</tbody>
</table>

**Model #**  
**Description**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>943205</td>
<td>Wall Mount Freedom LV Foamer</td>
</tr>
<tr>
<td>943210</td>
<td>Wall Mount Freedom LV FT Foamer</td>
</tr>
<tr>
<td>943282*</td>
<td>Portable 20 Gallon Freedom LV Foamer</td>
</tr>
<tr>
<td>943286</td>
<td>Portable 60 Gallon Freedom LV Foamer</td>
</tr>
<tr>
<td>538245</td>
<td>Drain Foamer Attachment (Freedom &amp; Liberty)</td>
</tr>
</tbody>
</table>

**Model #**  
**Description**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>942305</td>
<td>Wall Mount Freedom W-20 Sprayer</td>
</tr>
<tr>
<td>942310</td>
<td>Wall Mount Freedom W-20 FT Sprayer</td>
</tr>
<tr>
<td>942382*</td>
<td>Portable 20 Gallon Freedom W-20 Sprayer</td>
</tr>
<tr>
<td>942386</td>
<td>Portable 60 Gallon Freedom W-20 Sprayer</td>
</tr>
</tbody>
</table>

* Fax order • 800-699-3719
Lafferty Venturi Freedom HV (High Volume) Foamers are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for conventional venturi foamers and sprayers.

A larger ½” or 1” Sandpiper air pump, mounted inside a lockable stainless steel enclosure, is used to draw water from a tank and provide the water pressure required to drive the venturi foamer.

No chemical passes through the air pump and no pre-dilution of chemical is required. Twenty metering tips accurately dilute chemical concentrates to required ratios. Tank does not require rinsing when changing between chemicals.

The wall-mounted unit requires an external water float tank.

Portable models feature all stainless steel carts, heavy duty stainless steel casters and replaceable polyethylene tanks.

FREEDOM HV FOAMERS
REQUIRES: COMPRESSED AIR & CHEMICAL CONCENTRATE & WATER

Venturi Freedom HV Foamers offer greater foam throw distances and higher volume than other Venturi Freedom Foamers, creating and projecting a large amount of quality foam onto any surface.

Water is pumped through a venturi, which regulates the flow and draws and dilutes concentrated chemical.

Water flow is regulated to match the mid-range of the air pump’s specified operating range, protecting the pump from running, repetitively, at maximum capacity.

• Fan nozzle for quick coverage

Venturi Freedom HV Foamers

<table>
<thead>
<tr>
<th>Foaming Time (per 60 Gallons of water)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HV</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Super HV</td>
<td>6 minutes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Usable Foam Throw</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HV (with fan / 0° nozzle)</td>
<td>15 / 20 ft</td>
</tr>
<tr>
<td>Super HV (open flow nozzle)</td>
<td>45 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coverage Rate - 500 ft² (46.5 m²)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HV</td>
<td>1 minute</td>
</tr>
<tr>
<td>Super HV</td>
<td>1/2 minute</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discharge Hose</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Mount</td>
<td>50 ft</td>
</tr>
<tr>
<td>Portables</td>
<td>40 ft</td>
</tr>
</tbody>
</table>

Model #  Description
944305  Wall Mount Freedom HV Foamer
944405  Wall Mount Super HV Foamer
944386  Portable 60 Gallon Freedom HV Foamer
944387* Portable 60 Gallon Freedom HVHC Foamer
538250  Drain Foamer Attachment (XV & HV)

*High Concentrate unit

Drain Foamer Attachment — includes an additional wand assembly for use when sanitizing drains. Also includes quick disconnects to allow easy exchanging of the drain foamer wand and the standard wand.

E-mail order  •  sales@laffertyequipment.com
**LAFERTY LIBERTY FOAMERS & SPRAYERS** are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers.

A Flojet air pump draws and pressurizes a ready-to-use chemical solution, and is mounted on a unique Lafferty quick release, stainless steel mounting bracket inside a stainless steel enclosure.

Portable models feature all stainless steel carts and replaceable polyethylene tanks. 60 Gallon models include heavy duty stainless steel casters.

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**LIBERTY FOAMERS & SPRAYERS**

*REQUIRES: COMPRessed AIR & READY-TO-USE CHEMICAL SOLUTION*

Liberty Foamers & Sprayers create and project a usable amount of foam, or spray, onto any surface, with little waste.

RTU chemical solution flow is regulated to match the mid-range of the air pump’s specified operating range, protecting the pump from running, repetitively, at maximum capacity.

**Liberty Foamers**
- Offered with the choice of two flow rates – Standard Flow or Low Flow (LF)
- Fan nozzle for quick coverage
- Upgrade wand to stainless steel at time of order. Request item # 536603-X.

**Liberty Sprayers**
- Include two fan nozzles, which are used to control the usage of the chemical solution
- May also be used as a portable transfer system (remove nozzle)

---

**Liberty Foamers**

<table>
<thead>
<tr>
<th>Foaming Time</th>
<th>Usable Foam Throw</th>
<th>Coverage Rate</th>
<th>Discharge Hose Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>(per 20 Gallons of RTU chemical)</td>
<td></td>
<td>- 500 ft²</td>
<td>Wall Mount/Portables</td>
</tr>
<tr>
<td>16 minutes</td>
<td>12 ft</td>
<td>2½ minutes</td>
<td>50 ft/40 ft</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3.7 m/15.2 m/12.2 m</td>
</tr>
</tbody>
</table>

**Liberty LF Foamers**

<table>
<thead>
<tr>
<th>Foaming Time</th>
<th>Usable Foam Throw</th>
<th>Coverage Rate</th>
<th>Discharge Hose Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>(per 20 Gallons of RTU chemical)</td>
<td></td>
<td>- 500 ft²</td>
<td>Wall Mount/Portables</td>
</tr>
<tr>
<td>33 minutes</td>
<td>9 ft</td>
<td>4½ minutes</td>
<td>50 ft/40 ft</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2.7 m/15.2 m/12.2 m</td>
</tr>
</tbody>
</table>

**Liberty Sprayers**

<table>
<thead>
<tr>
<th>Spraying Time based on nozzle used</th>
<th>Discharge Hose Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>(per 20 Gallons of RTU chemical)</td>
<td>50 ft</td>
</tr>
<tr>
<td>16 or 28 minutes</td>
<td>15.2 m</td>
</tr>
</tbody>
</table>

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**Model #**

941106  Wall Mount Liberty Foamer
941219  Portable 2 Wheeled 20 Gallon Liberty Foamer
941286  Portable 60 Gallon Liberty Foamer
710756  Viton Diaphragm Upgrade for Flojet Air Pump
710755  Kalrez Diaphragm Upgrade for Flojet Air Pump
538245  Drain Foamer Attachment (Freedom & Liberty)

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**OPTIONS**

- Available with color-coded 20-gallon tanks and hoses.

**Flojet Pump**

1/4” AODD
Santoprene Diaphragm
Viton or Kalrez Optional

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Fax order: 800-699-3719
**LAFERTY PRECISION FOAMERS** are powered by compressed air and apply high quality foam precisely where you want it.

A Flojet air pump powers the system, and is mounted on a unique Lafferty quick release, stainless steel bracket inside a stainless steel enclosure.

The wall mounted unit can draw ready-to-use (RTU) chemical solution, or it can draw chemical concentrate and water, mixing the solution to the required ratio on the fly.

The portable model draws RTU chemical solution and is a self-contained system, complete with an on-board 110V air compressor.

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**PRECISION FOAMER**  
REQUIRES: COMPRESSED AIR, CHEMICAL CONCENTRATE & WATER

- Precision Foamers create and project a low volume of rich foam and are ideal for jobs where precision application and tight control of overspray are required.
- Low compressed air requirement — Can be operated with a small 110V compressor
- Adjustable foam consistency
- Consistent, efficient chemical control
- Can draw ready-to-use chemical solution or can draw chemical concentrate and water, mixing the solution to the required ratio on the fly

**Includes**
- Stainless steel enclosure
- Air pump with Santoprene diaphragm (Optional Viton)
- Metering tips to control chemical dilution ratio
- Stainless steel foamer body
- Discharge hose, polypropylene trigger gun and foam wand with stainless steel nozzle

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**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, on-board 110V air compressor.
- Everything required to undertake a precision foaming job is mounted to the cart. Just plug the unit into an electrical supply and provide the chemical solution.
- Ideal for jobs where precision application and tight control of overspray are required
- Adjustable foam consistency
- Consistent, efficient chemical control
- Draws ready-to-use chemical solution from a user-supplied pail

**Includes**
- Stainless steel cart & enclosure
- Air compressor (110 volt)
- GFCI protected electrical connection
- Air pump with Santoprene diaphragm (Optional Viton)
- Stainless steel foamer body
- Discharge hose, polypropylene trigger gun and foam wand with stainless steel nozzle

---

**Model #** | **Description**
---|---
935160 | Precision Foamer w/ SS Enclosure
710756 | Viton Diaphragm Upgrade for Flojet Air Pump
710755 | Kalrez Diaphragm Upgrade for Flojet Air Pump
**Lafferty Internal Tank Foamers & Tank Sprayers**

are powered by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for venturi foamers and sprayers.

Ready-to-use chemical solution is held in the ASME rated stainless steel tank and compressed air is used to provide the required solution pressure for operation.

With no air pump or other moving parts, Internal Tank Foamers and Sprayers are virtually maintenance-free, providing unrivalled durability.

All models feature all stainless steel carts, hinged stainless steel mounting enclosures and stainless steel pressure relief pop-off valves.

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**INTERNAL TANK FOAMERS & SPRAYERS**

**REQUIRES: COMPRESSED AIR & READY-TO-USE CHEMICAL SOLUTION**

Internal Tank Foamers & Sprayers create and project a usable amount of foam, or spray, onto any surface, with little waste.

Air pressure forces RTU chemical solution from the tank.

Lafferty Mixing Stations can be used to fill the tanks with RTU chemical solution.

**Internal Tank Foamers**

- Include a fan nozzle for quick coverage
- 16 & 37 Gallon Models are Standard Flow units
- 5 Gallon Model is a Low Flow unit for more controlled foaming/extended foaming time in smaller areas

**Internal Tank Sprayers**

- Include two fan nozzles, which are used to control the usage of the chemical solution

---

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Foaming Time per Tank Fill</th>
<th>Usable Foam Throw</th>
<th>Coverage Rate 500 ft² (46.5 m²)</th>
<th>Hose Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>925905</td>
<td>5 Gallon Internal Tank Foamer</td>
<td>10 minutes</td>
<td>9 ft / 2.7 m</td>
<td>4½ minutes</td>
<td>25 ft / 7.6 m</td>
</tr>
<tr>
<td>925916</td>
<td>16 Gallon Internal Tank Foamer</td>
<td>10 minutes</td>
<td>12 ft / 3.7 m</td>
<td>2½ minutes</td>
<td>40 ft / 12.2 m</td>
</tr>
<tr>
<td>925937</td>
<td>37.4 Gallon Internal Tank Foamer</td>
<td>23 minutes</td>
<td>12 ft / 3.7 m</td>
<td>2½ minutes</td>
<td>40 ft / 12.2 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Spraying Time per Tank Fill (based on nozzle used)</th>
<th>Hose Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>925705</td>
<td>5 Gallon Internal Tank Sprayer</td>
<td>7 or 15 minutes</td>
<td>25 ft / 7.6 m</td>
</tr>
<tr>
<td>925716</td>
<td>16 Gallon Internal Tank Sprayer</td>
<td>22 or 47 minutes</td>
<td>25 ft / 7.6 m</td>
</tr>
</tbody>
</table>
**LAFFERTY LV TANK FOAMERS** are powered solely by compressed air and are designed for use in facilities where plumbed water pressure is unavailable, unreliable or lower than the 35 psi required for conventional venturi foamers and sprayers.

Only water is held in the NSDA rated stainless steel tank and compressed air is used to provide the required water pressure to drive the venturi foamer.

No chemical is held in the tank and no pre-dilution of chemical is required. Twenty metering tips accurately dilute chemical concentrates to required ratios. Tanks do not require rinsing when changing between chemicals.

With no air pump or other moving parts, LV Tank Foamers are virtually maintenance-free, providing unrivaled durability.

Both models feature all stainless steel carts, hinged stainless steel mounting enclosures and pressure relief pop-off valves.

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**LV TANK FOAMERS**

REQUIRES: COMPRESSED AIR & CHEMICAL CONCENTRATE & WATER

LV Tank Foamers are the most durable of all the portable foamers since only water is held in the NSDA rated stainless steel tank and the units have no moving parts.

LV Tank foamers create and project a usable amount of foam onto any surface, with little waste.

Air pressure forces water through a venturi foamer, which draws and dilutes concentrated chemical.

- Offered as Low Flow units
- Include a fan nozzle for quick coverage

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

<table>
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<th>Coverage Rate 500 ft² (46.5 m²)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>925505</td>
<td>5 Gallon LV Tank Foamer</td>
<td>7 minutes</td>
<td>9 ft / 2.7 m</td>
<td>4½ minutes</td>
<td>25 ft / 7.6 m</td>
</tr>
<tr>
<td>925515</td>
<td>15 Gallon LV Tank Foamer</td>
<td>20 minutes</td>
<td>9 ft / 2.7 m</td>
<td>4½ minutes</td>
<td>25 ft / 7.6 m</td>
</tr>
</tbody>
</table>
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