Freedom 2.5 Foamer

MODEL # 943606

OVERVIEW

The Freedom 2.5 Foamer is a medium-to-high volume foam applicator for projecting foaming chemicals on to any surface up close or at distances up to 15 feet. This unit features a stainless steel enclosure and uses a rugged 1/2" Sandpiper air-operated, double-diaphragm pump to draw ready-to-use chemical from a user-supplied tank. It injects compressed air into the solution to greatly increase volume and coverage ability and projects rich, clinging foam through the hose, wand and nozzle.

Key Features

- Draws pre-diluted chemical from a static tank
- Rugged 1/2" AODD pump with Santoprene diaphragms
- The chemical flow rate is regulated by the foamer body to match the mid-range of the air pump's specified operating range which protects the pump from running, repetitively, at maximum capacity
- Projects an medium-high volume of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Fan nozzle for up to 15' foam throw
- Provides 8 minutes of foaming time per 20 gallons of solution
- Covers up to 500 sq ft (46.5 sq m) in 1 minute
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available as portable 20, 40 & 60 gallon units (#943620, 943624, 943626)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, all stainless steel pump enclosure
- · Air inlet ball valve and regulator/filter
- Sandpiper 1/2" AODD pump
- Machined polypropylene pump-fed foamer body
- 50' discharge hose, stainless steel ball valve, stainless steel foam wand & fan nozzle

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Level Masters Provide an Automatic Supply of Ready-to-Use Chemical

Level Master (Various Tank Sizes) # 989304 Gemini Level Master (Various Tank Sizes) # 989316

Drain Foamer Attachment

Drain Foamer Attachment (Freedom, 2.5 & Liberty) # 538245

Air Pump Diaphragm Options - Santoprene Standard

Teflon Diaphragm Upgrade For 1/2" Air Pump # 710919

APPLICATIONS

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Pharm/Bio
- And Many Other Applications!



REOUIREMENTS

Ready-to-Use Chemical Solution

 Compressed Air
 up to 9 CFM

 Hose
 3/4" ID x 50'

 Nozzle
 50250





Optional Drain

Foamer

Attachment

Freedom 2.5 / 2.5 Foamer

MODEL # 943634

OVERVIEW

The Freedom 2.5 / 2.5 Foamer is a dual-hose, medium-to-high volume foam applicator for projecting foaming chemicals on to any surface up close or at distances up to 15 feet. This unit features a stainless steel enclosure and uses a rugged 1/2" Sandpiper air-operated, double-diaphragm pump to draw ready-to-use chemical from a user-supplied tank. It injects compressed air into the solution to greatly increase volume and coverage ability and projects rich, clinging foam through the hose, wand and nozzle. Dual discharge assemblies can be used separately or simultaneously.

Key Features

- Draws pre-diluted chemical from a static tank
- Dual hose output for two users
- Hoses can be used simultaneously or separately
- Rugged 1/2" AODD pump with Santoprene diaphragms
- The chemical flow rate is regulated by the foamer body to match the mid-range of the air pump's specified operating range which protects the pump from running, repetitively, at maximum capacity
- Projects a medium-high volume of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Fan nozzle for up to 15' foam throw
- Provides 8 minutes of foaming time per 20 gallons of solution (4 minutes when using both hoses)
- Covers up to 500 sq ft (46.5 sq m) in 30 seconds when using both hoses
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available as portable 60 gallon unit (#943636)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, all stainless steel pump enclosure
- Air inlet ball valve and regulator/filter
- Sandpiper 1/2" AODD pump
- (2) machined polypropylene pump-fed foamer bodies
- (2) 50' discharge hoses
- (2) stainless steel ball valves, stainless steel foam wands & fan nozzles

REQUIREMENTS

Nozzle

Ready-to-Use Chemical Solution

Compressed Air up to 14 CFM

Hose 3/4" ID x 50'

50250

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Level Masters Provide an Automatic Supply of Ready-to-Use Chemical

Level Master (Various Tank Sizes) # 989304 Gemini Level Master (Various Tank Sizes) # 989316

Drain Foamer Attachment

Drain Foamer Attachment (Freedom, 2.5 & Liberty) # 538245

Air Pump Diaphragm Options - Santoprene Standard

Teflon Diaphragm Upgrade For 1/2" Air Pump #710919

APPLICATIONS

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Pharm/Bio
- · And Many Other Applications!







Optional

Drain Foamer

Attachment

Freedom XV Foamer

MODEL # 944105

OVERVIEW

The Freedom XV Foamer is a high volume foam applicator for projecting foaming chemicals on to any surface up close or at distances up to 25 feet. This unit features a stainless steel enclosure and uses a rugged 1/2" Sandpiper air-operated, doublediaphragm pump to draw ready-to-use chemical from a user-supplied tank. It injects compressed air into the solution to greatly increase volume and coverage ability and projects rich, clinging foam through the hose, wand and nozzle.

Key Features

- Draws pre-diluted chemical from a static tank
- Rugged 1/2" AODD pump with Santoprene diaphragms
- The chemical flow rate is regulated by the foamer body to match the mid-range of the air pump's specified operating range which protects the pump from running, repetitively, at maximum capacity
- Projects an extra-high volume of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Zero degree nozzle for up to 25' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 1 minute
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available as a portable unit (#944186)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, all stainless steel pump enclosure
- Air inlet ball valve and regulator/filter
- Sandpiper 1/2" AODD pump
- Machined polypropylene pump-fed foamer body
- 50' discharge hose with stainless steel ball valve
- Stainless steel foam wand with fan and zero degree nozzles

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Level Masters Provide an Automatic Supply of Ready-to-Use Chemical

Level Master (Various Tank Sizes) # 989304 Gemini Level Master (Various Tank Sizes) # 989316

Drain Foamer Attachment

Drain Foamer Attachment (Freedom XV, HV & 2.5) # 538250

Air Pump Diaphragm Options - Santoprene Standard

710919 Teflon Diaphragm Upgrade For 1/2" Air Pump

REOUIREMENTS

Ready-to-Use Chemical Solution

Compressed Air up to 14 CFM

Minimum Air Supply Line 3/8"

Hose 1" ID x 50'

Nozzle 00400 & 50400

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Paper Mill
- · And Many Other Applications!















Freedom Super XV Foamer

MODEL # 944108

OVERVIEW

The Freedom Super XV Foamer is an extra high volume foam applicator that projects pre-diluted or neat chemicals at distances up to 40 feet. A stainless steel 1" compressed-air-operated pump, with Santoprene diaphragms, is used to draw chemical from a nearby container. Compressed air is injected into the solution to greatly increase volume and coverage ability. An incredible volume of rich clinging foam is projected through the 100' hose and zero degree nozzle.



Key Features

- Draws pre-diluted or neat chemical from a static tank
- Projects an extra-high volume of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Heavy-duty metallic AODD pump with all stainless steel wetted components
- Santoprene diaphragms
- Zero degree nozzle for up to 40' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 40 seconds
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Similar model available as a portable unit (#944203)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Stainless steel pump shelf
- · Air inlet ball valve and regulators
- \bullet 1" stainless steel AODD pump with Santoprene diaphragms
- Machined polypropylene pump-fed foamer body
- 100' discharge hose with stainless steel foam nozzle

REQUIREMENTS

Ready-to-Use Chemical Solution

Compressed Air up to 50 CFM

Hose 1-1/2" ID x 100'

Nozzle Super HV Nozzle

- Paper Mill
- Industrial
- Fin-Fans
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Food & Beverage
- Military
- And Many Other Applications!













Liberty LF Foamer

MODEL # 941106-LF

OVERVIEW

The Liberty LF Foamer is a "low volume" foam applicator for projecting ready-to-use foaming chemicals on to any surface up close or at distances up to 9 feet. This unit features a stainless steel enclosure and uses a cost-effective 1/4" Flojet air-operated, double-diaphragm pump to draw pre-diluted chemical from a static tank. It injects compressed air into the solution to greatly increase volume and coverage ability and projects rich, clinging foam through the hose, wand and fan nozzle.

Key Features

- Draws pre-diluted chemical solution from a static tank
- Uses a cost-effective 1/4" Flojet AODD pump with Santoprene diaphragms
- The solution flow rate is regulated by the foamer body match the low-range of the air pump's specified operating range which prevents the pump from running, at maximum capacity
- Projects a "low volume" of rich, clinging foam which increases chemical contact time and effectiveness
- Ideal for foaming small areas and near sensitive equipment
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Fan pattern nozzle with up to 9' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 4.5 minutes
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available as a portable unit (#941219-LF)
- Available with a higher flow rate (#941106)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, stainless steel enclosure
- Air inlet ball valve and regulator/filter
- Flojet 1/4" AODD pump
- Machined polypropylene pump-fed foamer body
- 50' discharge hose, stainless steel ball valve, polypropylene foam wand & fan nozzle



Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Level Masters Provide an Automatic Supply of Ready-to-Use Chemical

Level Master (Various Tank Sizes) # 989304 Gemini Level Master (Various Tank Sizes) # 989316

Drain Foamer Attachment

Drain Foamer Attachment (Freedom, 2.5 & Liberty) # 538245

Alternate Air Pump Diaphragm - Santoprene Standard

Viton Diaphragm Upgrade For Flojet Air Pump # 710756 Kalrez Diaphragm Upgrade For Flojet Air Pump # 710755



REQUIREMENTS

Ready-to-Use Chemical Solution

 Compressed Air
 up to 6 CFM

 Hose
 3/4" ID x 50'

 Nozzle
 40100

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Hatchery
- Industrial
- Pharm/Bio
- And Many Other Applications!





Liberty Foamer

MODEL # 941106

OVERVIEW

The Liberty Foamer uses ready-to-use foaming chemicals to produce a medium volume of rich, clinging foam that is projected up to 10 feet. The stainless steel enclosure protects components, including a cost-effective Flojet air-operated, double diaphragm pump that draws pre-diluted chemical from a user-supplied tank and provides solution pressure for generating foam. The foamer body injects compressed air into the solution to create the foam that greatly increases in volume and coverage ability as it passes through the hose, wand and fan nozzle.



- Draws pre-diluted chemical from a static tank
- Cost-effective Flojet AODD pump (Santoprene diaphragms)
- The chemical flow is regulated by the foamer body to match the mid-range of the air pump's specified operating range which protects the pump from running, repetitively, at maximum capacity
- Projects a usable amount of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Fan pattern nozzle with 10' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 2.5 minutes
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available as a portable unit (#941219)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, stainless steel pump enclosure
- · Air inlet ball valve and regulator/filter
- Flojet 1/4" AODD pump
- Machined polypropylene pump-fed foamer body
- 50' discharge hose, stainless steel ball valve, polypropylene foam wand & fan nozzle

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Level Masters Provide an Automatic Supply of Ready-to-Use Chemical

Level Master (Various Tank Sizes) # 989304 Gemini Level Master (Various Tank Sizes) # 989316

Drain Foamer Attachment

Drain Foamer Attachment (Freedom, 2.5 & Liberty) # 538245

Alternate Air Pump Diaphragm - Santoprene Standard

Viton Diaphragm Upgrade For Flojet Air Pump # 710756 Kalrez Diaphragm Upgrade For Flojet Air Pump # 710755



REQUIREMENTS

Ready-to-Use Chemical Solution

 Compressed Air
 up to 6 CFM

 Hose
 3/4" ID x 50'

 Nozzle
 40150

- Food & Beverage
- Agriculture/Horticulture
- · Animal Health
- Industrial
- Pharm/Bio
- And Many Other Applications!





Liberty PRV LC Foamer

MODEL # 941351PRV

OVERVIEW

The Liberty PRV LC Foamer is a medium volume venturi foamer designed for facilities with low or fluctuating water pressure. Liberty PRV models connect to standard water pressure from 20 to 80 PSI. A Pressure Reducing Valve lowers the incoming water pressure before an air pump boosts the water pressure and maintains consistent 60 PSI output. The lockable, stainless steel cabinet protects components, including the venturi foamer body, which draws and blends chemical concentrate into the water stream to create an accurately diluted solution. Compressed air is injected into the solution to greatly increase its volume and coverage ability as rich, clinging foam that is projected through the hose, wand and nozzle at distances up to 12 feet.

Key Features

- Overcomes problems associated with very low or widely fluctuating water pressure - great for well water
- · Dilutes concentrated chemical "on-the-fly"
- Regulated water flow extends pump life and ensures consistent output
- Cost-effective Flojet AODD "booster" pump supplies the water pressure required by the LC Foamer
- No chemical passes through the pump
- Projects a medium volume of rich, clinging foam which increases chemical contact time and effectiveness
- Fan pattern nozzle with up to 12' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 2 minutes
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available with 2 or 3 chemical pickups (#941352PRV, 941353PRV)
- See other air-operated foamers and sprayers in Catalog 4

Includes

- Lockable, stainless steel enclosure
- Air inlet ball valve and regulator/filter
- Water inlet ball valve and regulator
- Flojet 1/4" AODD pump (Santoprene diaphragm)
- Machined polypropylene LC Foamer body
- 20 color-coded precision metering tips to set dilution ratios
- 50' discharge hose, stainless steel ball valve, polypropylene foam wand & stainless steel fan nozzle

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Stainless Steel Jug Racks

1 Gallon Round/Square # 224200 # 224200-L 1 Gallon Round/Square Locking

Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer # 709101

Drum & Tote Sticks Available

Stainless Steel Foam Wand (Upgrade)

Convert PP Wand to SS (New Units) # 536603-X

Alternate Check Valves - EPDM Standard

Check Valve, Chemical, SS, Viton, 1/4" # 491324-V Check Valve, Air, SS, 1/4" MM (Viton / Hast) # 491306



Chemical Concentrate

Water

Temperature up to 160°F Pressure 20 to 80 PSI Flow 1.64 GPM @ 60 PSI

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LIBERTY PRV

Supply Line 1/2"

Compressed Air up to 6 CFM Hose 3/4" ID x 50'

50250 Nozzle

Dilution Ratio Range 375:1 to 6:1 @ 60 PSI

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Pharm/Bio
- And Many Other Applications!

















Liberty PRV 2-Way LC Foamer

MODEL # 941352PRV

OVERVIEW

The Liberty PRV 2-Way LC Foamer is a medium volume venturi foamer for two foaming chemicals or two dilutions of the same chemical. It is designed for facilities with low or fluctuating water pressure. Liberty PRV models connect to standard water pressure from 20 to 80 PSI. A Pressure Reducing Valve lowers the incoming water pressure before an air pump boosts the water pressure and maintains consistent 60 PSI output. The lockable, stainless steel cabinet protects components, including the venturi foamer body, which draws and blends chemical concentrate into the water stream to create an accurately diluted solution. Compressed air is injected into the solution to greatly increase its volume and coverage ability as rich, clinging foam that is projected through the hose, wand and nozzle at distances up to 12 feet.



- Overcomes problems associated with very low or widely fluctuating water pressure - great for well water
- Dilutes concentrated chemicals "on-the-fly"
- 2 chemical pickups for different chemicals or dilution ratios
- Regulated water flow extends pump life and ensures consistent
- Cost-effective Flojet AODD "booster" pump supplies the water pressure required by the LC Foamer
- No chemical passes through the pump
- Projects a medium volume of rich, clinging foam which increases chemical contact time and effectiveness
- Fan pattern nozzle with up to 12' foam throw
- Covers up to 500 sq ft (46.5 sq m) in 2 minutes
- Adjustable foam consistency (wet/dry)
- Chemical resistant wetted components ensure durability and years of reliable service
- Available with 3 chemical pickups (#941353PRV)
- See other air-operated foamers and sprayers in Catalog 4

- Lockable, stainless steel enclosure
- Air inlet ball valve and regulator/filter
- Water inlet ball valve and regulator
- Flojet 1/4" AODD pump (Santoprene diaphragm)
- Machined polypropylene LC Foamer body
- · Stainless steel chemical ball valves
- 20 color-coded precision metering tips to set dilution ratios
- 50' discharge hose, stainless steel ball valve, polypropylene foam wand & stainless steel fan nozzle

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Stainless Steel Jug Racks

1 Gallon Round/Square # 224200 1 Gallon Round/Square Locking # 224200-L

Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer #709101

Drum & Tote Sticks Available

Stainless Steel Foam Wand (Upgrade)

Convert PP Wand to SS (New Units) # 536603-X

Alternate Check Valves - EPDM Standard

Check Valve, Chemical, SS, Viton, 1/4" # 491324-V Check Valve, Air, SS, 1/4" MM (Viton / Hast) # 491306

Lafferty LIBERTY PRV

REQUIREMENTS

Chemical Concentrate

Water

Temperature up to 160°F Pressure 20 to 80 PSI

Flow 1.64 GPM @ 60 PSI

Supply Line 1/2"

Compressed Air up to 6 CFM Hose 3/4" ID x 50'

Nozzle 50250

375:1 to 6:1 @ 60 PSI **Dilution Ratio Range**

Drain Foamer Attachment

Optional

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Pharm/Bio
- And Many Other Applications!



Liberty PRV 3-Way LC Foamer

MODEL # 941353PRV

OVERVIEW

The Liberty PRV 3-Way LC Foamer is a medium volume venturi foamer for three foaming chemicals or three dilutions of the same chemical. It is designed for facilities with low or fluctuating water pressure. Liberty PRV models connect to standard water pressure from 20 to 80 PSI. A Pressure Reducing Valve lowers the incoming water pressure before an air pump boosts the water pressure and maintains consistent 60 PSI output. The lockable, stainless steel cabinet protects components, including the venturi foamer body, which draws and blends chemical concentrate into the water stream to create an accurately diluted solution. Compressed air is injected into the solution to greatly increase its volume and coverage ability as rich, clinging foam that is projected through the hose, wand and nozzle at distances up to 12 feet.



- Water inlet ball valve and regulator
- Flojet 1/4" AODD pump (Santoprene diaphragm)
- Machined polypropylene LC Foamer body
- Stainless steel chemical ball valves
- 20 color-coded precision metering tips to set dilution ratios
- 50' discharge hose, stainless steel ball valve, polypropylene foam wand & stainless steel fan nozzle

OPTIONS

Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

Stainless Steel Jug Racks

1 Gallon Round/Square # 224200 1 Gallon Round/Square Locking # 224200-L

Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer # 709101

Drum & Tote Sticks Available

Stainless Steel Foam Wand (Upgrade)

Convert PP Wand to SS (New Units) # 536603-X

Alternate Check Valves - EPDM Standard

Check Valve, Chemical, SS, Viton, 1/4" # 491324-V Check Valve, Air, SS, 1/4" MM (Viton / Hast) # 491306

REQUIREMENTS

Chemical Concentrate

Water

 Temperature
 up to 160°F

 Pressure
 20 to 80 PSI

 Flow
 1.64 GPM @ 60 PSI

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LIBERTY PRV WAY LC FOAME

Supply Line 1/2"

Compressed Air up to 6 CFM
Hose 3/4" ID x 50'

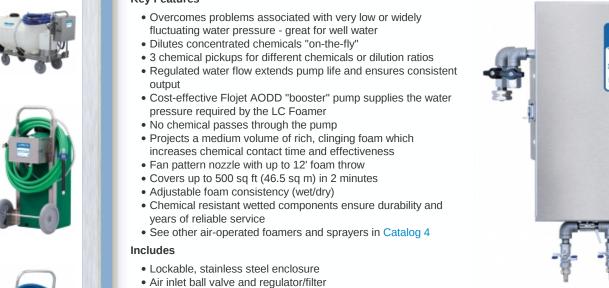
Nozzle 50250

Dilution Ratio Range 375:1 to 6:1 @ 60 PSI

APPLICATIONS

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Industrial
- Pharm/Bio
- And Many Other Applications!







Optional

Drain

Foamer

Attachment