Liberty PRV 3-Way LC Foamer

MODEL # 941353PRV

Optional Drain Foamer Attachment

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.

Key Features

- Overcomes problems associated with very low or widely fluctuating water pressure - great for well water
- Dilutes concentrated chemicals "on-the-fly"
- 3 chemical pickups for different chemicals or dilution ratios
- 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
- 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
- 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
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!

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