2-Way Acid HV Foamer

MODEL # 972327

OVERVIEW

The 2-Way Acid HV Foamer is a high volume foam applicator for applying 2 highly corrosive chemicals such as those used to remove concrete and for aluminum brightening. This acid-resistant venturi injection system uses standard city water pressure (40 - 125 PSI) to draw and blend concentrated acid into the water stream to create a highly concentrated and accurately diluted solution. A high volume of rich, clinging foam is created by injecting compressed air into the solution to greatly increase volume and coverage ability. The foam is then projected through the discharge hose, extended wand and fan nozzle at distances up to 15 feet (25 feet with zero degree nozzle). Use the chemical ball valves to inject the 2 chemicals separately or simultaneously.

Key Features

- Achieves strong concentrations up to 3.2 to 1
- Weaker dilution ratios controlled by precision metering tips
- Projects a 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
- Designed to apply 2 separate chemicals or 2 different concentrations of the same chemical
- Chemicals can be applied separately or simultaneously by adjusting the ball valves
- Fan pattern nozzle for quick coverage (up to 15' range)
- Zero degree nozzle for up to 25' foam throw
- Adjustable foam consistency (wet/dry) with a concealed air regulator to discourage unauthorized tampering
- Corrosion resistant wetted components ensure durability and years of reliable service
- Available with a low or medium flow rate (#972307-LV, 972307)
- See other Lafferty acid sprayers and foamers in Catalog 8

Includes

- Polypropylene mounting bracket and cover
- PVC inlet and discharge ball valves
- Machined polypropylene injector body
- 20 color-coded precision metering tips to set dilution ratios
- 50' discharge hose
- Polypropylene wand with fan and zero degree nozzles

OPTIONS

Stainless Steel Hose Racks	
Large Stainless Steel Hose Rack	# 224150
Stainless Steel Jug Racks	
2 ½ Gal. (8 ½" x 10 ½")	# 224210
5 Gallon (12" x 12") Round/Square	# 224215
Safe Flow Lid™ for 1 Gallon Jugs	
Lid, Suction Tube, and Strainer	# 709101

APPLICATIONS

- Concrete
- Food & Beverage
- Industrial
- Metal Processing
- Pharm/Bio
- And Many Other Applications!

REQUIREMENTS

Chemical Concentrate	
Water	
Temperature	up to 160°F
Pressure	40 to 125 PSI
Flow	3.5 GPM @ 50 PSI
Supply Line	1/2"
Compressed Air	up to 5 CFM
Hose	1" ID x 50'
Nozzle	00400 & 50400
Dilution Ratio Range	720:1 to 3:1 @ 40 PSI

Lafferty EQUIPMENT MANUFACTURING LLC
CFS TECHNOLOGIES
1.501.851.2820 | 1.800.999.2820
www.laffertyequipment.com