

# 1-Way Acid Spray-All

MODEL # 972011

## OVERVIEW

The 1-Way Acid Spray-All is a water-driven, medium volume spray applicator for applying 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 (35 - 125 PSI) to draw and blend a high concentration of acid into the water stream to create a strong solution. The solution is then projected through the discharge hose, wand and fan nozzle as a low pressure, uniform spray.

## Key Features

- Achieves strong concentrations up to 2.5 to 1
- Weaker dilution ratios controlled by precision metering tips
- Creates a medium volume spray with minimal run-off
- Fan pattern nozzle for even coverage
- Extended length wand and nozzle protector
- Corrosion-resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Use it where 35-125 PSI water is available
- Available with a lower flow rate (#972011-LV)
- 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 extension wand and PVDF fan nozzle

## 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

### Drum & Tote Stick Lengths & Seal Materials

Drum Stick, 33" (Viton or EPDM) # 491643 / 491643-E

Drum Stick, 48" (Viton or EPDM) # 491648 / 491648-E

Drum Stick, 54" (Viton or EPDM) # 491645 / 491645-E

Tote Stick, 33" (Viton or EPDM) # 491653 / 491653-E

Tote Stick, 48" (Viton or EPDM) # 491654 / 491654-E

Tote Stick, 54" (Viton or EPDM) # 491656 / 491656-E

## APPLICATIONS

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



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature up to 160°F  
Pressure 35 to 125 PSI  
Flow 1.28 GPM @ 40 PSI  
Supply Line 1/2"

**Hose** 1/2" ID x 50'

**Nozzle** 2550

**Dilution Ratio Range** 293:1 to 3:1 @ 40 PSI

**Lafferty**  
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