

# 1-Way YPT-LV Concrete Foamer

MODEL # 933515-YPT

## OVERVIEW

The 1-Way YPT-LV Concrete Foamer is a foam applicator for projecting highly corrosive chemicals such as those used to remove concrete and for aluminum brightening. This acid-resistant system uses a rugged 1/4" Yamada air-operated, double-diaphragm pump to pump water and drive the venturi LVHC foamer which draws chemical concentrate through precision metering tips to create dilution ratios of 2.5:1 (or weaker) with no chemical passing through the air pump. If a stronger ratio is required, this system includes an extra chemical pickup on the suction side of the pump for up to a 1:1 ratio. Compressed air is injected into the solution to create rich, clinging foam which is then projected through the foam hose, wand and fan nozzle.

## Key Features

- Rugged Yamada AODD pump with Teflon diaphragms provides the water pressure to drive a LVHC venturi foamer
- The LVHC venturi foamer body draws chemical concentrate, optimizes the flow rate and produces the ideal amount of foam to avoid excessive chemical run-off
- Able to provide dilutions ratios up to 1:1
- No chemical passes through the pump for dilution ratios of 2.5:1 and weaker
- Projects 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 for quick coverage
- Adjustable foam consistency (wet/dry)
- Corrosion resistant wetted components ensure durability and years of reliable service
- See other Lafferty acid sprayers and foamers in [Catalog 8](#)

## Includes

- Chemical resistant plastic enclosure
- Air inlet ball valve and regulator/filter
- Internal water float tank
- Yamada 1/4" AODD pump
- Machined polypropylene LVHC venturi foamer body
- 20 color-coded precision metering tips to set dilution ratios
- 50' discharge hose, PVC ball valve, polypropylene wand and fan nozzle

## OPTIONS

### Stainless Steel Hose Racks

Large Stainless Steel Hose Rack # 224150

### Stainless Steel Jug Racks Available

### 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
- Industrial
- Metal Processing
- And Many Other Applications!



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature	up to 160°F
Pressure	80 to 80 PSI
Flow	0.99 GPM @ 80 PSI
Supply Line	1/2"

#### Compressed Air

up to 4 CFM

#### Hose

3/4" ID x 50'

#### Nozzle

40150

#### Dilution Ratio Range

226:1 to 0:1 @ 80 PSI