

# 3-Bar Truck Foam Arch

MODEL # 910930

## OVERVIEW

The 3-Bar Truck Foam Arch is a drive-through foam applicator for washing large vehicles and features 3 foam bar assemblies mounted above and on the sides of the vehicle for complete coverage. This venturi injection unit uses city water pressure (40 - 125 PSI) to draw and blend chemical concentrate into the water stream to create accurately diluted solutions using precision metering tips. For optimal performance, water pressure should be 50 PSI or higher. Compressed air is injected to greatly increase volume and coverage ability, creating rich, clinging foam that is projected through multiple fan nozzles on each foam bar. The foam consistency (wet/dry) can be adjusted.

## Key Features

- Dilutes chemical concentrate at the unit independently for each foam bar
- Creates rich, clinging foam which increases chemical contact time and effectiveness
- Foam consistency (wet/dry) is adjusted with a single air regulator
- Chemical resistant wetted components ensure durability and years of reliable performance
- Water and air pressure gauges eliminate guessing to reduce set-up time and help with troubleshooting
- Available for pre-diluted chemical systems (#910910)
- See more foam/spray bar units in [Catalog 10](#)

## Includes

- Lockable, stainless steel enclosure
- Three machined polypropylene Arch Foamer bodies
- Machined polypropylene water manifold and air manifold
- Air regulator
- Three water ball valves
- Three sets of 20 color-coded precision metering tips to set dilution ratios
- Three 1.5" discharge hose barbs (for connecting user-supplied hoses to the foam bars)
- \*One 8' top foam bar
- \*Two 13.6' side foam bars

*\*Side bar lengths and nozzle placement are factory customized at the time of order*

## OPTIONS

### 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

### Alternate Check Valve - Viton Standard

Check Valve, Chemical, PP, 1/2" HB (EPDM)	# 491403
---	----------

## APPLICATIONS

- Fleet Washing
- School Buses
- Tanker Trucks
- Carwash Facilities
- Construction Yards
- And Many Other Applications!



## REQUIREMENTS

### Water

Temperature	up to 160°F
Pressure	40 - 125 PSI
Flow	7.35 GPM @ 40 PSI (total) 2.45 GPM @ 40 PSI (per bar)

Hose/Pipe 1-1/2"

### Compressed Air

up to 12 CFM

*Side bar lengths and nozzle placement are factory customized at the time of order*

Dilution Ratio Range 560:1 to 6:1 @ 40 PSI

**Lafferty**  
EQUIPMENT MANUFACTURING INC.

1.501.851.2820 or 1.800.999.2820

[laffertyequipment.com](http://laffertyequipment.com)