# 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 and at 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 stainless steel Spreader Nozzles on each foam bar, which can be rotated for optimal coverage. 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
- Top foam bar provides 8-10 ft. coverage
- Side foam bars provide 11-13.5 ft. coverage
- Unique stainless steel Spreader Nozzles™ project a wide foam pattern
- Rotate Spreader Nozzles™ inward to focus the foam output or outward for maximum coverage
- 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
- See more foam/spray bar units in Catalog 10

### Includes

- Lockable, stainless steel enclosure
- (3) Machined polypropylene Arch Foamer bodies
- Machined polypropylene water manifold and air manifold
- Air regulator
- (3) Water ball valves
- (3) Sets of 20 color-coded precision metering tips to set dilution ratios
- (3) 1.5" discharge hose barbs (for connecting user-supplied hoses to the foam bars)
- Top foam bar with Spreader Nozzles
- (2) Side foam bars with Spreader Nozzles




*Stainless steel enclosure shown oversized to show detail.*

## 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 |

## REQUIREMENTS

**Water**

| | |
|---|---|
| Temperature | up to 160°F |
| Pressure | 40 - 125 PSI |
| Flow | 7.35 GPM @ 40 PSI (total)<br>2.45 GPM @ 40 PSI (per bar) |
| Hose/Pipe | 1-1/2" |
| **Compressed Air** | up to 12 CFM |
| **Dilution Ratio Range** | 560:1 to 6:1 @ 40 PSI |

## APPLICATIONS

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

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