# BPSS Foam / W-50SS Sanitize / BPSS Foam Hose Drop Station

**MODEL # 912150**












## OVERVIEW

The BPSS Foam / W-50SS Sanitize / BPSS Foam Hose Drop Station is a combination system that applies two chemicals as foam and another as a sanitizing spray. This venturi injection system uses boosted water pressure (125 - 350 PSI) to draw and blend chemical concentrates into the water streams to create accurately diluted solutions using precision metering tips to control chemical usage. Rich, clinging foam is created by injecting compressed air into the foaming solution to greatly increase volume and coverage ability. The foaming solution is then projected through the foam hose and fan nozzle at distances up to 13 feet. Project sanitizer solution, or any other chemical, as a "flooding spray" and rinse at full pressure using the adjustable spray pattern trigger gun.

### Key Features

- Designed to foam and sanitize medium to large surfaces and objects
- Two independent foamer bodies for separate foaming chemicals
- Projects a medium 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
- Fan pattern foam nozzle for fast coverage (up to 13' range)
- Covers up to 500 sq ft (46.5 sq m) in 1 minute
- Adjustable foam consistency (wet/dry)
- Dilutes concentrated sanitizers to the lean ratios required for no-rinse applications in food plants
- Sanitizer is projected as a "flooding spray" for full coverage
- Sanitize using the trigger gun with an adjustable cone/stream spray pattern
- All stainless steel components ensure durability and years of trouble-free performance
- Available with a rinse function (#912127QD)
- See other boosted water pressure foamers in Catalog 2

### Includes

- Stainless steel mounting bracket
- Stainless steel inlet ball valves
- Machined stainless steel foamer and sanitizer bodies
- 20 color-coded precision metering tips to set dilution ratios
- Quick-connect 50' foam hose, polypropylene foam wand and fan nozzle
- Quick-connect 50' sanitize hose & heavy duty trigger gun




## REQUIREMENTS

**Chemical Concentrate**

**Water**

| | |
|---|---|
| Temperature | up to 180°F |
| Pressure | 125 to 350 PSI |
| Flow | 5.6 GPM @ 250 PSI |
| Supply Line | 3/4" |

**Compressed Air** up to 4 CFM

**Hose**

| | |
|---|---|
| Sanitize | 1/2" ID x 50' |
| Foam | 3/4" ID x 50' |

**Nozzle**

| | |
|---|---|
| Sanitize | Trigger Gun, 1/2" |
| Foam | 65300 |

**Dilution Ratio Range @ 250 PSI**

| | |
|---|---|
| Sanitize | 1,284:1 to 7:1 |
| Foam | 679:1 to 6:1 |

## 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 |

**Alternate Check Valves - EPDM Standard**

| | |
|---|---|
| Check Valve, Chemical, SS, Viton, 1/4" (Sanitize) | # 491324-V |
| Check Valve, Chemical, PP/Viton, 1/4" (Foam) | # 491315 |
| Check Valve, Air, SS, 1/4" MM (Viton / Hast) | # 491306 |

## APPLICATIONS

- Food & Beverage
- Animal Health
- Industrial
- Pharm/Bio
- And Many Other Applications!

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