# High Volume SS Mixing Station

**MODEL # 985835SS**







## OVERVIEW

The High Volume SS Mixing Station is a 9.4 GPM @ 40 PSI chemical proportioner for accurately diluting a chemical concentrate and quickly filling large containers with ready-to-use chemical solution. This stainless steel venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrate into the water stream. Ball valve activation allows for hands-free dispensing.

### Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Ball valve activation allows for hands-free dispensing
- Quickly fills floor scrubbers, tank foamers/sprayers or any large container at 9.4 GPM @ 40 PSI to minimize downtime
- Stainless steel injector body and chemical-resistant wetted components ensure durability and years of outstanding performance with minimal maintenance
- Dilution ratio controlled with precision metering tips
- Draws chemical concentrate from any sized container
- Optional trigger gun or ball valve & wand
- Available with a polypropylene injector body (#985835)
- See other chemical management systems in Catalog 9

### Includes

- Stainless steel mounting bracket
- Stainless steel activation ball valve
- Stainless steel injector body and check valve
- 20 color-coded precision metering tips to set dilution ratios
- 10' open flow discharge hose with 1/2" MPT hose-end fitting for optional attachments




## OPTIONS

| | |
|---|---|
| **Stainless Steel Hose Racks** | |
| Small Stainless Steel Hose Rack | # 224145 |
| **Stainless Steel Jug Racks** | |
| 5 Gallon Round/Square Locking (12" x 12") | # 224214 |
| 5 Gallon Round/Square (12" x 12") | # 224215 |
| **Hose & Trigger Gun** | |
| Hose, Blue, 3/4" x 25', 1/2" MPT | # 803725 |
| Trigger Gun, PP-V | # 320800 |
| **Hose, Ball Valve & Wand** | |
| Hose, Blue, 3/4" x 25', 1/2" MPT | # 803725 |
| Ball Valve, SS, 1/2" FM | # 413641RH |
| Wand, PP | # 536603 |
| **Alternate Check Valve - EPDM Standard** | |
| Check Valve, Chemical, SS, Viton, 1/4" | # 491324-V |
| Check Valve, Chemical, SS, Kalrez, 1/4" | # 491324-K |

## REQUIREMENTS

| | |
|---|---|
| **Chemical Concentrate** | |
| **Water** | |
| Temperature | up to 180°F |
| Pressure | 35 to 125 PSI |
| Flow | 9.40 GPM @ 40 PSI |
| Supply Line | 3/4" |
| **Hose** | 3/4" ID x 10' |
| **Nozzle** | None - Open Flow |
| **Dilution Ratio Range** | 2,149:1 to 15:1 @ 40 PSI |

## APPLICATIONS

- Filling Floor Scrubbers and Tank Foamers
- Agriculture/Horticulture
- Food & Beverage
- Industrial
- Janitorial/Sanitation
- Metal Processing
- Pharm/Bio
- Supermarkets
- And Many Other Applications!

Lafferty EQUIPMENT MANUFACTURING LLC
CFS TECHNOLOGIES
1.501.851.2820 | 1.800.999.2820
www.laffertyequipment.com