

# High Volume Mixing Station

MODEL # 985835

## OVERVIEW

The High Volume Mixing Station is a 9.9 GPM @ 40 PSI chemical proportioner for accurately diluting a chemical concentrate and quickly filling large containers with ready-to-use chemical solution. This 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 9.9 GPM @ 40 PSI to minimize downtime - fills a 20 gallon tank in 2 minutes!
- Chemical resistant wetted components ensure 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
- Optional 2nd chemical pickup tube for stronger dilution ratios or more viscous chemicals (#491404-A)
- Available for 2 separate chemicals (#985837)
- See other chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- Stainless steel activation ball valve
- Polypropylene injector body
- 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 (12" x 12") # 224215

5 Gallon Round Locking # 224216

### For Stronger Ratios or Viscous Chemicals

1/2" Chemical Pick-up Assembly (Viton) # 491404-A

1/2" Chemical Pick-up Assembly (EPDM) # 491403-A

### 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 Chemical Check Valve - Viton Standard

Check Valve, Chemical, PP(W), 1/4" (EPDM) # 491401

## APPLICATIONS

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



## REQUIREMENTS

### Chemical Concentrate

### Water

Temperature up to 160°F  
 Pressure 35 to 125 PSI  
 Flow 9.9 GPM @ 40 PSI  
 Supply Line 3/4"

Hose 3/4" ID x 10'

### Dilution Ratio Range @ 40 PSI

985835 2,263:1 to 9.3:1  
 With Dual Pick-up Kit 9:1 to 4.7:1

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# 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 (12" x 12") # 224215

5 Gallon Round Locking # 224216

### 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

## APPLICATIONS

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



## 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

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# 2-Way High Volume Mixing Station

MODEL # 985837

## OVERVIEW

The 2-Way High Volume Mixing Station is a 9.9 GPM @ 40 PSI chemical proportioner for accurately diluting 2 chemical concentrates to the required ratios and for quickly filling large containers with diluted, ready-to-use chemical solutions. This venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrates into the water streams to create accurately diluted solutions. 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 9.9 GPM @ 40 PSI to minimize downtime - fills a 20 gallon tank in 2 minutes!
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Dilution ratios controlled with precision metering tips
- Draws chemical concentrates from any sized containers
- Optional trigger guns or ball valves & wands
- Optional 2nd chemical pickup tube for stronger dilution ratios or more viscous chemicals (#491404-A)
- Available for 3 separate chemicals (#985838)
- See other chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- Stainless steel activation ball valves
- Machined polypropylene injector bodies
- 20 color-coded precision metering tips to set dilution ratios
- (2) 10' open flow discharge hoses with 1/2" MPT hose-end fittings for optional attachments

## OPTIONS

### Stainless Steel Hose Racks

Small Stainless Steel Hose Rack # 224145

### Stainless Steel Jug Racks

5 Gallon (12" x 12") # 224215

5 Gallon Round Locking # 224216

### For Stronger Ratios or Viscous Chemicals

1/2" Chemical Pick-up Assembly (Viton) # 491404-A

1/2" Chemical Pick-up Assembly (EPDM) # 491403-A

### Hose, Ball Valve & Wand

Hose, Blue, 3/4" x 25', 1/2" MPT # 803725

Ball Valve, SS, 1/2" FM # 413641RH

Wand, PP # 536603

### Hose & Trigger Gun

Hose, Blue, 3/4" x 25', 1/2" MPT # 803725

Trigger Gun, PP-V # 320800

### Alternate Chemical Check Valve - Viton Standard

Check Valve, Chemical, PP(W), 1/4" (EPDM) # 491401

## APPLICATIONS

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



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature	up to 160°F
Pressure	35 to 125 PSI
Flow	9.9 GPM @ 40 PSI
Supply Line	3/4"

#### Hose

3/4" ID x 10'

### Dilution Ratio Range @ 40 PSI

985837	2,263:1 to 9.3:1
With Dual Pick-up Kit	9:1 to 4.7:1

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# 3-Way High Volume Mixing Station

MODEL # 985838

## OVERVIEW

The 3-Way High Volume Mixing Station is a 9.9 GPM @ 40 PSI chemical proportioner for accurately diluting 3 chemical concentrates to the required ratios and for quickly filling large containers with diluted, ready-to-use chemical solutions. This venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrates into the water streams to create accurately diluted solutions. 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 9.9 GPM @ 40 PSI to minimize downtime - fills a 20 gallon tank in 2 minutes!
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Dilution ratios controlled with precision metering tips
- Draws chemical concentrates from any sized containers
- Optional trigger guns or ball valves & wands
- Optional 2nd chemical pickup tube for stronger dilution ratios or more viscous chemicals (#491404-A)
- Available for 1 or 2 chemicals (#985835, 985837)
- See other chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- Stainless steel activation ball valves
- Machined polypropylene injector bodies
- 20 color-coded precision metering tips to set dilution ratios
- (3) 10' open flow discharge hoses with 1/2" MPT hose-end fittings for optional attachments

## OPTIONS

### Stainless Steel Hose Racks

Small Stainless Steel Hose Rack # 224145

### Stainless Steel Jug Racks

2 ½ Gallon (8 ½" x 10 ½") # 224210

5 Gallon (12" x 12") # 224215

5 Gallon Round Locking # 224216

### For Stronger Ratios or Viscous Chemicals

1/2" Chemical Pick-up Assembly (Viton) # 491404-A

1/2" Chemical Pick-up Assembly (EPDM) # 491403-A

### Alternate Chemical Check Valve - Viton Standard

Check Valve, Chemical, PP(W), 1/4" (EPDM) # 491401

### 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



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature	up to 160°F
Pressure	35 to 125 PSI
Flow	9.9 GPM @ 40 PSI
Supply Line	3/4"

#### Hose

3/4" ID x 10'

### Dilution Ratio Range @ 40 PSI

985838	2,263:1 to 9.3:1
With Dual Pick-up Kit	9:1 to 4.7:1

## APPLICATIONS

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