



High Volume Mixing Station

MODEL # LAVO 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)

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 Round/Square Locking (12" x 12") # 224214

5 Gallon Round/Square (12" x 12") # 224215

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

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Dairy
- Hatchery
- Industrial
- Janitorial/Sanitation
- Military
- Pharm/Bio
- 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

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



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