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



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
- And Many Other Applications!

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 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
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

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