

# 1-Way Push Lever Mixing Station

MODEL # 981100

## OVERVIEW

The 1-Way Push Lever Mixing Station is an ASSE 1055 certified chemical proportioner that accurately dilutes chemical to the required ratio and dispenses into any size container. This venturi injection system uses city water pressure (25 - 125 PSI) to draw and blend chemical concentrate into the water stream and precision metering tips to set the dilution ratio. Push Lever Mixing Stations require the user to push and hold the lever to dispense. Choose a factory-set flow rate at the time of order (Bottle Fill, Low Flow, High Flow).

## Key Features

- Eliminates the need for manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Hands-on push lever activation prevents accidental overfilling of containers
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Dilution ratio controlled with precision metering tips
- Water pressure gauge eliminates guessing, reduces set-up time and helps with troubleshooting
- Draws chemical concentrate from any sized container
- Choice of left or right side water inlet
- Mixing stations can be plumbed in series
  - Please specify the flow rate when ordering
  - Bottle Fill (BF), Low Flow (LF), High Flow (HF)
- Certified to ASSE Standard 1055 for backflow prevention
- Available with ball valve activation (#985100)
- See Lafferty chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- Heavy-duty bronze actuation valve
- Polypropylene injector body
- Integrated brass hose connection vacuum breaker
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios
- 6' chemical suction tube with strainer
- Open flow discharge tube (4.5' for LF/HF, 1' for BF)

## OPTIONS

### Stainless Steel Jug Racks

1 Gallon Round/Square	# 224200
1 Gallon Round/Square Locking	# 224200-L
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

### Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer	# 709101
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### Alternate Chemical Check Valve - EPDM Standard

Check Valve, Chemical, PP, 1/4" (Viton)	# 491402
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## APPLICATIONS

- Restaurants
- Animal Health
- Vehicle Wash
- Food & Beverage
- Hatchery
- Industrial
- Janitorial/Sanitation
- Supermarkets
- And Many Other Applications!



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature	up to 160°F
Pressure	25-125 PSI
Supply Line	1/2" Minimum

#### Flow

High Flow (Black Injector)	4.0 - 7.3 GPM
Low Flow (White Injector)	1.9 - 3.4 GPM
Bottle Fill (Blue Injector)	0.6 - 1.0 GPM

### Dilution Ratio Range @ 40 PSI

High Flow	1,031:1 to 4.8:1
Low Flow	480:1 to 3.5:1
Bottle Fill	142:1 to 1.7:1

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