3-Way Ball Valve Mixing Station

MODEL # 985300

OVERVIEW

The 3-Way Ball Valve Mixing Station is an ASSE 1055 certified chemical proportioner that accurately dilutes chemicals to the required ratios 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 for each valve. Ball valve activation allows for hands-free dispensing. Choose a factory-set flow rate for each ball valve at the time of order (Bottle Fill, Low Flow, High Flow).



Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Ball valve activation allows for hands-free dispensing
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Water pressure gauge eliminates guessing, reduces set-up time and helps with troubleshooting
- The dilution ratio for each valve is set independently
- Draws chemical concentrate from any sized container
- Choice of left or right side water inlet
- Mixing stations can be plumbed in series
- Choice of flow rates for filling small to large containers
  - Please specify the flow rate for each valve when ordering
  - Bottle Fill (**BF**), Low Flow (**LF**), High Flow (**HF**)
- Certified to ASSE Standard 1055 for backflow prevention
- Available with push lever activation (#981300)
- See Lafferty chemical management systems in Catalog 9

Includes

- Stainless steel mounting bracket
- Activation ball valves
- Polypropylene injector bodies
- Integrated brass hose connection vacuum breakers
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios
- (3) 6' chemical suction tubes with strainers
- (3) open flow discharge tubes (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

Alternate Chemical Check Valve - EPDM Standard

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

Jumper Hose with GH Fittings (10')

GH Hose, Blue, 1/2" x 10' # 804410B

Red, Blue, Green & Yellow Ball Valve Handles

413511RED, 413511BLU, 413511GRN, 413511YLW

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

APPLICATIONS

- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Food & Beverage
- School Hygiene
- Industrial
- Janitorial/Sanitation
- Supermarkets
- And Many Other Applications!

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