

## 2-WAY BALL VALVE MIXING STATION (BOTTLE FILL, HIGH FLOW)

MODEL # VC-1065

### OVERVIEW

The 2-Way Ball Valve Mixing Station is a chemical proportioner for accurately diluting 2 chemical concentrates to required ratios and filling any sized container with diluted, ready-to-use chemical solutions. This venturi injection system uses city water pressure (1.7 - 8.6 bar) to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. Ball valve activation allows for hands-free dispensing. Available with separate flow rates for each ball valve to dispense into any sized container or equipment.

### KEY FEATURES

- Eliminates manual mixing and optimizes chemical utilisation, employee safety and labour 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
- The dilution ratio for each valve is set independently
- Water pressure gauge eliminates guessing, reduces set-up time and helps with troubleshooting
- Draws chemical concentrate from any sized container
- Water inlet and gauge can be reversed for alternate-side water inlet
- Mixing stations can be plumbed in series
- Bottle fill valve for filling handheld spray bottles and small containers
- High flow valve for filling larger containers

### INCLUDES

- Stainless steel mounting bracket
- Activation ball valves
- Polypropylene injector bodies Integrated brass back-flow preventer
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios
- (2) 6' chemical suction tubes with strainers
- (2) 4.5' open flow discharge tubes

### OTHER ACCESSORY OPTIONS (SEE SIDE PANEL)

#### Stainless Steel Jug Racks

- 1 Gallon/3.8 L Round/Square # 224200
- 1 Gallon Round/3.8 L/Square Locking # 224200-L
- 2 ½ Gallon/9.5 L (8 ½" x 10 ½") # 224210
- 5 Gallon/18.9 L Round/Square Locking (12" x 12") # 224214
- 5 Gallon/18.9 L 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



### REQUIREMENTS

- Chemical Concentrate
- Water
  - Temperature: Up to 71°C
  - Pressure: 1.7 to 8.6 bar PSI
  - Flow: 11.4 L/min at 17.2 bar
  - Supply Line: 1/2" Minimum
- Flow
  - High Flow (Black Injector): 15.1 - 27.6 L/min
  - Low Flow (White Injector): 7.1 - 12.9 L/min
  - Bottle Fill (Blue Injector): 2.3 - 3.8 L/min
- Dilution Ratio Range
  - 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
- Dairy
- Food & Beverage
- Hatchery
- Janitorial/Sanitation
- And Many Other Applications!

 [Watch the video](#)