414HC Acid Mixing Station

MODEL # 980415







OVERVIEW

The 414HC Acid Mixing Station has a water flow rate of 4 GPM @ 40 PSI and is a "high concentrate" chemical proportioner for diluting highly corrosive chemicals, such as those used to remove concrete and for aluminum brightening. This acid-resistant venturi injection system uses city water pressure (40 - 80 PSI) to draw and blend a high concentration of acid into the water stream to create up to a 1:1 ratio for dispensing into large containers.

Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Achieves strong dilution ratios, up to 1:1 (with water thin chemicals)
- Water flow rate of 4 GPM @ 40 PSI for filling larger sized containers
- Ball valve activation allows for hands-free dispensing
- Corrosion-resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Draws chemical concentrate from any sized container
- Weaker ratios are controlled by metering plugs
- See other chemical management systems in Catalog 9

Includes

- Polypropylene mounting bracket and cover
- PVC inlet ball valve
- Machined polypropylene injector body
- 2 metering plugs to set 2:1 & 3:1 dilution ratios
- 10' open flow discharge hose



OPTIONS

Stainless Steel Hose Racks

Small Stainless Steel Hose Rack	# 224145

Drum & Tote Stick Lengths & Seal Materials

Drum Stick, 33" (Viton or EPDM)	# 491643 / 491643-E
Drum Stick, 48" (Viton or EPDM)	# 491648 / 491648-E
Drum Stick, 54" (Viton or EPDM)	# 491645 / 491645-E
Tote Stick, 33" (Viton or EPDM)	# 491653 / 491653-E
Tote Stick, 48" (Viton or EPDM)	# 491654 / 491654-E
Tote Stick, 54" (Viton or EPDM)	# 491656 / 491656-E

APPLICATIONS

- Concrete
- Food & Beverage
- Industrial
- Metal Processing
- Pharm/Bio
- And Many Other Applications!

REQUIREMENTS

Chemical Concentrate

Water

Temperature	up to 160°F
Pressure	40 to 80 PSI
Flow	4 GPM @ 40 PSI
Supply Line	3/4"
Hose	3/4" ID x 10'

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