

517 Sanitize / Ultimate Foam Hose Drop Station

MODEL # 914220

OVERVIEW

The 517 Sanitize/Ultimate Foam Hose Drop Station is a combination applicator that projects one chemical as foam and another as a sanitising spray. This venturi injection system uses standard city water pressure (2.4-8.6 bar) to draw chemical concentrates into the water streams to create accurately diluted solutions using precision metering tips to control chemical usage. Compressed air is injected into the foaming solution to greatly increase volume and coverage ability. This rich, clinging foam is projected through the discharge hose and fan nozzle at distances up to 0.3 m. The sanitizer solution, in the lean ratios required for no-rinse sanitising in food plants, is projected as a fan pattern spray.

KEY FEATURES

- Designed to foam and sanitise medium to large surfaces
- Projects a medium volume of rich, clinging foam which increases chemical contact time and effectiveness
- Foaming expands the chemical and reduces over-application by providing visual assurance of coverage
- Fan pattern foam nozzle for fast coverage (up to 0.3 m range)
- Covers up to 500 sq ft (46.5 sq m) in 2 minutes
- Adjustable foam consistency (wet/dry)
- Dilutes concentrated sanitizers to the lean ratios required for no-rinse applications in food plants
- Sanitizer is projected as a "flooding spray" in a fan pattern for complete coverage
- All stainless steel and polypropylene wetted components ensure years of trouble-free performance
- Available with a higher sanitizer flow rate to create even leaner ratios (#914120)
- See other city water pressure foamers in [Catalog 1](#)

INCLUDES

Stainless steel mounting bracket
Machined polypropylene foamer and sanitizer bodies
Stainless steel inlet and discharge ball valves
20 color-coded precision metering tips to set dilution ratios
50' foam hose, polypropylene foam wand & fan nozzle
50' sanitize hose, polypropylene wand & fan nozzle

OPTIONS

StainlessSteel Hose Racks Large Stainless	
Steel Hose Rack	# 224150
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
Water Pressure Gauge	
Water Pressure Gauge, 3/4" Inlet	# 336348
Air Pressure Gauge	
Air Pressure Gauge, 1/4" Inlet (Upgrade Only)	# 336322
Alternate Check Valves - EPDM Standard	
Check Valve, Chemical, PP/Viton, 1/4"	# 491315
Check Valve, Air, SS/Viton, 1/4"	# 491306
Stainless Steel Foam Wand (Upgrade)	
Convert PP Wand to SS (New Units)	# 536603-X



REQUIREMENTS

Chemical Concentrate

Water	
Temperature	up to 71°C
Pressure	2.4 - 8.6 bar
Flow	20.4 L/min @ 2.8 bar
Supply Line	3/4"
Compressed Air	up to 3 CFM/5.09 Nm³/h

Hose

Sanitize	3/4" ID x 15.2 m
Foam	3/4" ID x 15.2 m

Nozzle

Sanitize	40100
Foam	50250

Dilution Ratio Range @ 2.8 bar

Sanitize	1,234:1 to 11:1
Foam	306:1 to 6:1

