Freedom 315 Sanitize / LC Foam Hose Drop Station

MODEL # 943315











OVERVIEW

The Freedom 315 Sanitize / LC Foam Hose Drop Station is designed to overcome low or fluctuating water pressure issues, and is a medium volume venturi applicator for applying one chemical as foam and another as a sanitizing spray. It accepts incoming water pressure from 20 to 60 PSI then regulates and maintains the pressure for consistent output. Also, it is adaptable to draw static water from a supply tank.

A lockable, stainless steel cabinet protects components, including the polypropylene foamer and sanitizer bodies, which draw and blend chemical concentrates into the water stream to create accurately diluted solutions. Compressed air is injected into the foaming solution to greatly increase its volume and coverage ability as rich, clinging foam that is projected through the hose, wand and nozzle up to 10 feet. The sanitizer solution is projected as a "flooding" spray for fast, complete coverage.

Key Features

- Overcomes low or fluctuating water pressure issues with incoming water at 20 to 60 PSI
- Uses a rugged 1/2" AODD pump to produce consistent, optimum water pressure
- Adaptable to draw static water from supply tank
- Dilutes concentrated chemicals "on-the-fly"
- Projects a medium volume of rich, clinging foam that increases contact time and effectiveness
- Fan pattern foam nozzle with up to 10' foam throw
- Foam covers up to 500 sq ft (46.5 sq m) in 2.5 minutes
- Adjustable foam consistency (wet/dry)
- Dilutes concentrated sanitizers to the lean ratios required for no-rinse applications in food plants
- Sanitizer projects a high volume flooding spray in a course fan pattern for complete coverage
- Regulated water flow prevents pump from running at maximum capacity, extending pump life
- No chemical passes through the pump
- Chemical resistant wetted components ensure durability and years of reliable service

Includes

- Lockable, stainless steel pump enclosure
- Air inlet ball valve and regulator/filter
- 6" water inlet hose with garden hose adapter
- Water pressure regulating limit valve (PRLV)
- 5' suction hose for optional use with static water supply
- Aro 1/2" AODD pump (Santoprene diaphragm)
- Machined polypropylene injector and foamer bodies
- 20 color-coded precision metering tips to set dilution ratios
- 50' blue foam hose with stainless steel ball valve, stainless steel foam wand and fan nozzle
- 50' red sanitize hose, stainless steel ball valve, polypropylene foam wand and fan nozzle



REQUIREMENTS / SPECIFICATIONS

Chemical Concentrate

Water	
Temperature	up to 160°F
Pressure	20 - 60 PSI / or Static*
Flow	w/Pump Air @ 60 PSI
Sanitize	4.47 GPM
Foam	1.50 GPM
Supply Line	3/4"

**To use with static water supply, attach the included 3/4" x 5' water suction hose without water regulator.*

Compressed Air	up to 9 CFM
Hoses	
Sanitize	1/2" x 50'
Foam	3/4" x 50'
Nozzle	
Sanitize	40100
Foam	50250

OPTIONS

Stainless Steel Hose Racks	
Large Stainless Steel Hose Rack	# 224150
Stainless Steel Jug Racks	
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
Drum & Tote Sticks Available	
Alternate Chemical Check Valve - EPDM Standard	
Check Valve, Chemical, PP, 1/4" (Viton)	# 491402
Alternate Air Check Valve - EPDM Standard	
Check Valve, Air, SS, 1/4" MM (Viton / Hast)	# 491306

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