

# Portable Model 20 SS Bypass 2-Way Airless Foam/Rinse/Spray System

MODEL # 969775

## OVERVIEW

The Portable Model 20 SS Bypass 2-Way Airless Foam/Rinse/Spray System is a venturi dilution system for high water pressure that applies chemical as wet airless foam or liquid spray, and rinses through a single hose. Quick disconnects enable switching between the foam wand, spray nozzle and rinse nozzle. Open the bypass ball valve to rinse at full pressure. This 2-Way unit dilutes two separate chemicals or two different concentrations of the same chemical.

## Key Features

- This complete system includes all required components - just connect high pressure water and chemical
- Draws chemical from onboard containers and accurately dilutes to the required ratio
- Switch between soap and disinfectant, or two different concentrations of the same chemical
- Use the airless foam wand to project wet, clinging foam
  - No compressed air required
  - Foam increases chemical contact time and effectiveness, and provides visual confirmation of coverage
  - Use the fan pattern foam nozzle for area coverage or zero degree foam nozzle for increased range (up to 25')
  - Foam throw distance and coverage varies based on incoming water pressure
- Quick connect the fan pattern spray nozzle for sanitizing and general cleaning without foam
- Open the chemical injector bypass valve to rinse at full volume and pressure
  - Use the focused rinse nozzle for powerful blasting
  - Rinse at higher volume through the spray nozzle
- Industrial-strength stainless steel construction stands up to tough conditions and constant use - Built to last!
- Pressure gauge facilitates setup and metering tip selection

## Includes

- All stainless steel 4-wheel cart with integrated hose rack
- Non-marking tires & stainless steel swivel casters
- (2) stainless steel, round, 5 gallon jug racks (square optional)
- 3/8" ID x 6' high-pressure water supply jumper hose
- Machined stainless steel bypass injector body with gauge
- 20 color-coded precision metering tips to set dilution ratios
- Stainless steel high pressure bypass ball valve & 2 chemical ball valves
- Quick-connect 3/8" ID x 50' high-pressure discharge hose with all stainless steel fittings
- Trigger gun with wand and quick-connect socket for attachments
  - Quick-connect machined stainless steel airless foam wand with fan and zero degree nozzles
  - Quick-connect fan pattern spray nozzle (2520)
  - Quick-connect focused rinse nozzle (0511)
- (2) Quick-connect storage mounts for attachments

## OPTIONS

### Square Jug Rack Conversion

Specify Round or Square Jug Racks at time of order

### 5 Gallon Pail

Pail, 5 Gallon Round W/ Suction Stem # 709105

### Inlet Jumper Hose (Stainless Steel Fittings)

Hose, 3/8" x 15', SS, BNM, High Pressure # 195015SS

### Quick-Connect Set

QD, SS, Socket, 3/8" FPT # 350446

QD, SS, Plug, 3/8" MPT # 350450



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature up to 180°F  
Pressure 400 to 2500 PSI  
Flow 3.72 GPM @ 1000 PSI  
Supply Line 3/8"

#### Hose

3/8" ID x 50'

#### Nozzle

2520 or A-20SS Airless Foam Wand

### Dilution Ratio Range

850:1 to 7:1 @ 1000 PSI

## APPLICATIONS

- Sanitizers & Disinfectants
- Soaps & Detergents
- Agriculture/Horticulture
- Animal Health
- Food & Beverage
- Industrial
- And Many Other Applications!

**Lafferty**  
EQUIPMENT MANUFACTURING LLC  
CFS TECHNOLOGIES

1.501.851.2820 | 1.800.999.2820  
www.laffertyequipment.com