AFCO
Installation & Operation Instructions

Model #AF 919155 •Pump Fed Sanitizer

REQUIREMENTS

Ready-to-Use Chemical Solution (Minimum 35 PSI at the Unit)	
Temperature	up to 160°F
Pressure	35 - 125 PSI
Flow	1.7 GPM @ 40 PSI
Supply Line	1/2"
Hose	1/2" x 50'
Nozzle	2520

OPTIONS

Large Stainless Steel Hose Rack	# 224150
Strainer	
SS "Y" Strainer	# 150350

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http://www.afcocare.com

READ ALL INSTRUCTIONS BEFORE USING EQUIPMENT!

Overview

The Pump Fed Sanitizer is a spray applicator for applying chemical solutions, such as sanitizers in food processing facilities, to a variety of surfaces at 1.7 GPM @ 40 PSI. This unit receives ready-to-use chemical solution from a central chemical feed system and projects it through the hose, wand and fan nozzle. Alternate flow rates are available upon request.

⚠ Safety & Operational Precautions

- For proper performance do NOT modify, substitute nozzle, hose diameter or length.
- Manufacturer assumes no liability for the use or misuse of this unit.
- Wear protective clothing, gloves and eye-wear when working with chemicals.
- Always direct the discharge away from people and electrical devices.
- Follow the chemical manufacturer's safe handling instructions.
- Turn off solution supply when unit is not in use for extended periods.

Flow Rate Chart	
Pressure	Flow Rate
PSI	GPM
40	**1.70**
50	1.90
60	2.08
70	2.25
80	2.40
90	2.55
100	2.69
110	2.82
120	2.94

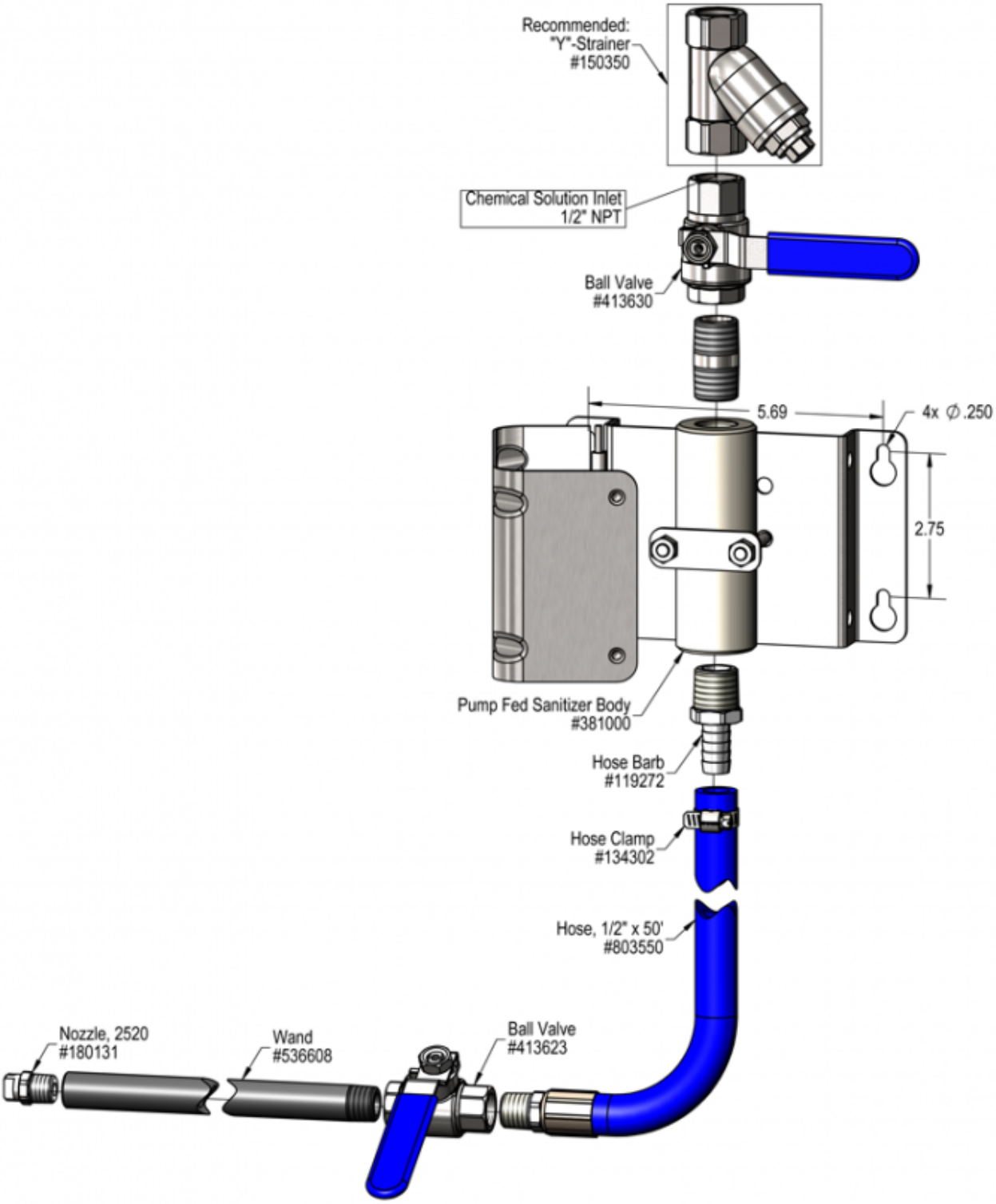
TO INSTALL (REFER TO DIAGRAM, NEXT PAGE.)

1. Mount the unit to a suitable surface.
2. Connect the discharge hose as shown in the diagram and close the ball valve.
3. To prevent blocking the small jets flush any new plumbing of debris before connecting. And/or install a strainer. (see options)
4. Connect pre-mixed solution supply line.

TO OPERATE

<u>Always</u> make sure the discharge ball valve is closed or pointed in a safe direction before turning inlet valve on. Discharge valve can be shut off at any time during operation but <u>should not be left off for long periods of time with the inlet valve on.</u>

1. With discharge wand in hand open the inlet ball valve. Then open the discharge ball valve to begin application.
2. When sanitizing is completed, close the discharge ball valve then close the inlet ball valve.
3. Briefly re-open the discharge ball valve to relieve pressure in hose. If applicable rinse the work surface before solution dries.


Recommended:
"Y"-Strainer
#150350
Chemical Solution Inlet
1/2" NPT
Ball Valve
#413630
5.69
4x ∅.250
2.75
Pump Fed Sanitizer Body
#381000
Hose Barb
#119272
Hose Clamp
#134302
Hose, 1/2" x 50'
#803550
Nozzle, 2520
#180131
Wand
#536608
Ball Valve
#413623

Troubleshooting Guide

AF 919155 ● Pump Fed Sanitizer

Problem	Possible Cause / Solution	
	Startup	Maintenance
A) Weak pressure or will not spray	1, 2, 3, 4	5, 6

Possible Cause / Solution

Startup

1. **Inlet or discharge ball valves not completely open**
   - Completely open both ball valves.
2. **Solution pressure or volume too low/inlet piping too small.**
   - Increase solution pressure or volume.
3. **Discharge hose too long for available solution pressure, kinked or wrong size**
   - Straighten the hose or replace hose.
4. **Nozzle size too small (SEE REQUIREMENTS)**

Maintenance

5. **Inlet orifice clogged**
   - Check/clean inlet orifice for obstructions.
6. **Hard water scale or chemical build-up may have formed in the body causing poor or no flow**
   - Follow Preventive Maintenance instructions below, using hot water and/or de-scaling acid. When there is no flow at all, carefully remove fittings and soak entire body in de-scaling acid.

PREVENTIVE MAINTENANCE: When the unit will be out of service for extended periods run water through the system to flush the chemical and help prevent chemical build-up.