# **60/20 High Flow Level Master™**

MODEL # 989108

# **OVERVIEW**

The 60/20 High Flow Level Master™ is a water driven chemical proportioner that will automatically refill the 60 gallon tank with ready-to-use chemical solution. When the solution in the tank drops below a pre-set level, the float valve triggers air-activated solenoids to start the water flow. Using city water pressure (35 - 125 PSI), this venturi injection system draws and blends chemical concentrate into the 21.2 GPM @ 40 PSI water stream to create an accurately diluted solution. The system cycles continuously and a secondary fail-safe float prevents overfilling.

## **Key Features**

- · Automatically maintains a pre-set level of ready-to-use chemical solution in a 60 gallon tank
- Refills at 21.2 GPM @ 40 PSI to provide chemical for a central chemical feed system
- · Dual magnetic float valve design includes a primary valve to regulate normal operation and a secondary fail-safe valve to shut off the system if the primary float valve malfunctions
- Unsinkable solid polypropylene floats suspended by rigid "push rods" ensure smooth operation and prevent the float valves from sticking in the open position
- · Dilution ratio controlled with precision metering tips
- · Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Available with a lower flow rate (#989106)
- See all of our Level Master<sup>™</sup> configurations and other Lafferty chemical management systems in Catalog 9

## Includes

- 60 gallon, heavy-duty, polyethylene chemical tank with drain
- 2 magnetic float valves (primary and fail-safe) with solid polypropylene floats suspended by rigid CPVC push rods
- · Air inlet ball valve
- 2 stainless steel Satellite Mixing Station mounting plates
- · 2 air-activated water solenoids
- 2 machined polypropylene injector bodies
- 2 sets of 20 color-coded precision metering tips

## **OPTIONS**

## For Stronger Ratios or Viscous Chemicals

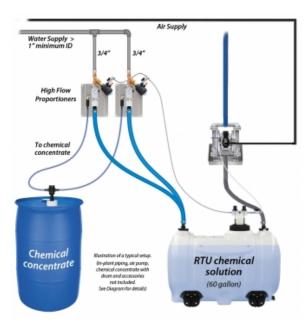
1/2" Chemical Pick-up Assembly (Viton)	# 491404-A
1/2" Chemical Pick-up Assembly (EPDM)	# 491403-A

## 4-Way Drum & Tote Stick Lengths & Seal Materials

Stainless Steel Central Pump System	
4-Way Tote Stick, 54" (Viton or EPDM)	# 491657 / 491657-E
4-Way Drum Stick, 48" (Viton or EPDM)	# 491649 / 491649-E
4-Way Drum Stick, 33" (Viton or EPDM)	# 491644 / 491644-E

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1" AODD Pump (Santoprene)	# 919060SS	
Teflon Upgrade	# 710943	
Alternate Chemical Check Valve - Viton Standard		

Check Valve, Chemical, PP(W), 1/4" (EPDM) # 491401



# REQUIREMENTS

**Chemical Concentrate** 

Temperature	up to 160°F
Pressure	35-125 PSI
Flow	21.2 GPM @ 40 PSI
Supply Line	1" Minimum
Compressed Air	Up to 80 PSI
Dilution Ratio Range	2,423:1 to 10:1 @ 40 PSI

## **APPLICATIONS**

- Food & Beverage
- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Hatchery
- Industrial
- Metal Processing
- Pharm/Bio
- And Many Other Applications!











