

High Flow Satellite Mixing Station

MODEL # 985885

OVERVIEW

The High Flow Satellite Mixing Station is a 10.6 GPM @ 40 PSI chemical proportioner that is activated by an Air Level Master (sold separately). When the air-activated water solenoid is opened, this venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. The ready-to-use solution is quickly dispensed into a paired Air Level Master Tank (sold separately) or a user-supplied tank. Use multiple Satellite Mixing Stations to refill the tank faster.

Key Features

- High flow venturi proportioner dilutes one chemical concentrate
- Flow rate of 10.6 GPM @ 40 PSI
- Air-activated water solenoid opens when it receives a pilot signal from an Air Level Master (or other control device)
- Dispenses into a paired Air Level Master tank or any user-supplied tank
- Use multiple Satellite Mixing Stations to refill the tank faster and keep up with demand
- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Dilution ratio controlled with precision metering tips
- Draws chemical concentrate from any sized container
- Available for 2 separate chemicals (#982185)
- See other chemical management systems in [Catalog 9](#)

Includes

- Stainless steel mounting plate
- Air-activated water solenoid with 5/32" tube-lock fitting
- 10' of 5/32" airline tubing
- Machined polypropylene injector body
- Water pressure gauge
- 20 color-coded precision metering tips
- 15' open flow discharge hose

OPTIONS

Air Level Master Options (Specify When Ordering)

| | |
|-----------------------------------|------------------|
| For Paired Air Level Master Tanks | # 989402 |
| For User-Supplied Tanks | # 989405, 989408 |

Air Level Master Tank Sizes (Specify When Ordering)

| | |
|------------------------------------|----------|
| Tank, 20 Gallon (Single Satellite) | # 709180 |
| Tank, 40 Gallon (Single Satellite) | # 709181 |
| Tank, 40 Gallon (Double Satellite) | # 709184 |
| Tank, 60 Gallon (Single Satellite) | # 709182 |
| Tank, 60 Gallon (Double Satellite) | # 709185 |

Alternate Chemical Check Valve - Viton Standard

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

APPLICATIONS

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



REQUIREMENTS

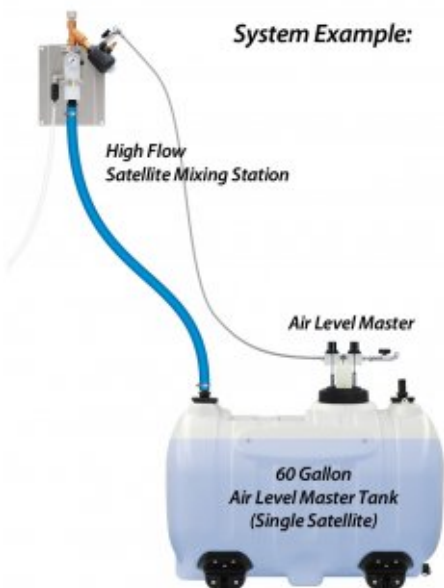
Chemical Concentrate

Water

| | |
|-------------|-------------------|
| Temperature | up to 160°F |
| Pressure | 35 to 125 PSI |
| Flow | 10.6 GPM @ 40 PSI |
| Supply Line | 3/4" |

| | |
|-----------------------------|--------------------------|
| Dilution Ratio Range | 2,423:1 to 10:1 @ 40 PSI |
|-----------------------------|--------------------------|

System Example:



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