



# Chemilizer

## Consistent, Fluid Driven, Chemical Injection

Chemilizer is an industry-leading chemical injector that utilizes years of proven diaphragm technology. Powered by the existing water supply, the internal motor drives the chemical pump, injecting very precise amounts of chemical.

The speed of the water motor and pump are proportional to the water flow, ensuring Chemilizer will inject consistent amounts of chemical regardless of fluctuation in water pressure and flow.

- No water filtration required
- Unique by-pass chemical injection design
- Excellent low flow capabilities
- Available in both fixed and adjustable injection rate models

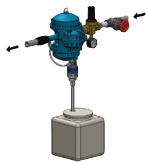
The new adjustable rate chemical pump allows you to:

- Adjust your injection on-site
- Ideal for animal health & horticulture applications
- Allows you to fine-tune your injection to your chemical, to get the precise dilution ratio you need

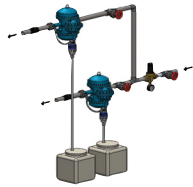




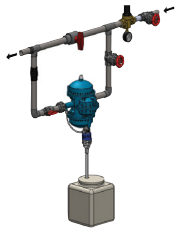
## Basic Installation



inline installation



dual inline installation



bypass installation



tank feed installation

## General Specifications

Housing	Polypropylene
Maximum Temperature	100° F (38° C)
Minimum Temperature	34° F (1° C)
Max. vertical suction of concentrate	12 ft./3.6 m.
Max. horizontal suction of concentrate	50 ft./15 m.
Self-priming	Yes
Seal material available*	Silicone Viton
Maximum Viscosity	1,500 cP (Ex. Honey)
Recommended Accessories	Check valve, pressure regulator, flow restrictor
Thread Sizes Available	3/4" NPT/GHT/BSP

\*Contact your representative for specific chemical information.

Model #	Operating Pressure		Water Flow		Fixed Dilution	
	psi	bar	gpm	l/h	ratio	%
CH9000-209	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2,500	1:128	0.78
CH9000-210	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2,500	1:100	1.00

Model #	Operating Pressure		Water Flow		Adjustable Dilution	
	psi	bar	gpm	l/h	ratio	%
CH9000-AV1	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2,500	20:1 - 64:1	5 - 1.5
CH9000-AV2	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2,500	50:1 - 164:1	0.6 - 2.0
CH9000-AV3	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2,500	150:1 - 500:1	0.2 - 0.7



**Hydro Systems**  
3798 Round Bottom Road  
Cincinnati, OH 45244

**Phone** 513.271.8800  
**Toll Free** 800.543.7184  
**Fax** 513.271.0160  
**Web** [hydrosystemsco.com](http://hydrosystemsco.com)