

hydor

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.

features & benefits

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

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



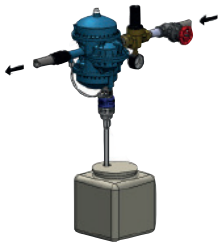
fixed injector specifications

	Operating Pressure		Water Flow		Fixed Dilution (Ratio)	Fixed Dilution (%)
	(psi)	(bar)	(gpm)	(l/h)		
CH9000-209	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2500	1 : 128	0.78
CH9000-210	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2500	1 : 100	1.00

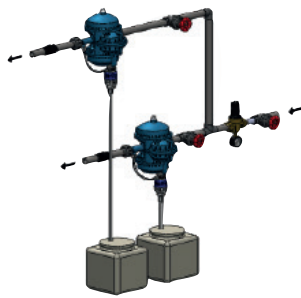
adjustable injector specifications

	Operating Pressure		Water Flow		Adjustable Dilution (ratio)	Adjustable Dilution (%)
	(psi)	(bar)	(gpm)	(l/h)		
CH9000-AV1	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2500	20 : 1 - 64 : 1	5 - 1.5
CH9000-AV2	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2500	50 : 1 - 164 : 1	0.6 - 2.0
CH9000-AV3	3 - 85	0.2 - 5.8	0.02 - 11	5 - 2500	150 : 1 - 500 : 1	0.2 - 0.7

basic installation



Inline installation



Dual fixed inline installation



Bypass installation



Tank Feed installation

general specifications

Housing	Polypropylene
Maximum Temperature	100° F (38°C)
Minimum Temperature	34° F (1°C)
Maximum Vertical Suction of Concentrate	12ft / 3.8m
Maximum Horizontal Suction of Concentrate	50ft / 15m
Self-Priming	Yes
Seal Material Available*	Silicone Viton
Maximum Viscosity	1.500cP (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.