



SuperDos

Non-Electric, Fluid Driven Proportional Injectors

SuperDos operates without electricity to precisely inject liquid concentrates into a water supply line using fluid flow as the power source.

SuperDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components. It comes in various models that easily satisfy the demands of your most challenging applications.

- Proprietary composite body for chemical compatibility and for mixing aggressive chemicals
- Built-in on/off switch (30 and 45 models only), which allows user to stop the injection — but not the system
- Separate internal mixing chamber to prevent chemical contact with motor piston — for longer life and uniform mixing
- Interchangeable lower ends with the ability to adjust ratios while in operation
- Highly aggressive, chemical-resistant models available
- Diesel fuel-friendly models available

Principal Applications

Chlorination, Cleaning, Cutting Fluids, Descaling, Decontamination, Degreasing, Disinfecting, Dispersants, Fertigation, Hydroponics, Inhibitors, Lubrication, Medication, Mistig Systems, Odor Control, Pesticides, PH/TH Correction, Rinsing, Sanitizing, Soaps & Foams, Surfactants, Weed Control



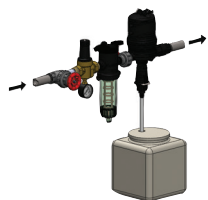
General Specifications

Housing	Proprietary engineered composite material
Avg. dosing accuracy	+/- 10%
Repeatability	+/- 3% of Ratio
Fluid maximum temperature	100° F (38° C)
Fluid minimum temperature	34° F (1° C)
Maximum vertical suction of concentrate	3.6 m
Maximum horizontal suction of concentrate	15.0 m
Self-priming	Yes
Seal material available*:	Aflas® – Alkaline Concentration Viton® – Acids, Oils and Pesticides EPDM – Alkaline Concentrates Kalrez®

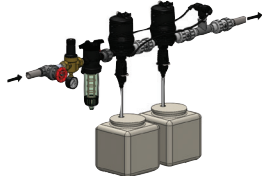
*Contact your representative for specific chemical information.



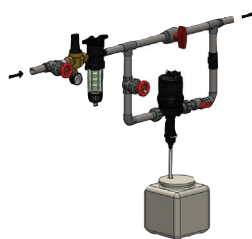
Basic Installation



In-line installation



Dual remote injection installation



By-pass installation

Model #	Description	Flow Rate		Operating Pressure		Injection Rate*	
		GPM	L/hr.	psi	bar	%	ratio
113227R	SuperDos 15TF 0.3%	0.04 - 15	10 - 3400	3 - 60	0.21 - 4.1	0.025 - 0.3	1:4000 - 1:333
113202	SuperDos 15TF 2.5%	0.04 - 15	10 - 3400	3 - 60	0.21 - 4.1	0.30 - 2.5	1:333 - 1:40
113203	SuperDos 15TF 5%	0.04 - 15	10 - 3400	3 - 60	0.21 - 4.1	0.50 - 5.0	1:200 - 1:20
113202WSP	SuperDos 15 2.5% WSP	0.04 - 15	10 - 3400	3 - 60	0.21 - 4.1	0.30 - 2.5	1:300 - 1:40
113228R	SuperDos 20 0.3%	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
113205	SuperDos 20 2.5%	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.30 - 2.5	1:333 - 1:40
113206	SuperDos 20 5%	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.50 - 5.0	1:200 - 1:20
113207	SuperDos 20 10%	0.05 - 20	11 - 4500	5 - 65	0.34 - 6.9	2.0 - 10.0	1:50 - 1:10
113205WSP	SuperDos 20 2.5% WSP	0.05 - 20	11 - 4500	3 - 60	0.21 - 4.1	0.30 - 2.5	1:300 - 1:40
113229R	SuperDos 30 0.3%	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
113209	SuperDos 30 2.5%	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.30 - 2.5	1:333 - 1:40
113210	SuperDos 30 5%	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.50 - 5.0	1:200 - 1:20
113209WSP	SuperDos 30 2.5% WSP	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.30 - 2.5	1:300 - 1:40
113230R	SuperDos 45 0.3%	0.25 - 45	57 - 10,000	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
113212	SuperDos 45 2.5%	0.25 - 45	57 - 10,000	5 - 100	0.34 - 6.9	0.30 - 2.5	1:333 - 1:40
113215	SuperDos 45 5%	0.25 - 45	57 - 10,000	5 - 80	0.34 - 6.9	0.50 - 5.0	1:200 - 1:20

WSP versions are available for use with Water Soluble Products.

*The dilution setting will be close to the desired target, but titrations will be necessary, especially at lean settings.



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