



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.

SuperDos comes in various models that easily satisfy the demands of your most challenging applications.

- No extra cost for proprietary composite body, which exceeds PVDF for chemical compatibility and for mixing aggressive chemicals.
- No extra cost for 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 and can adjust ratios while in operation.
- Highly-aggressive, chemical-resistant models available
- Diesel fuel-friendly models available



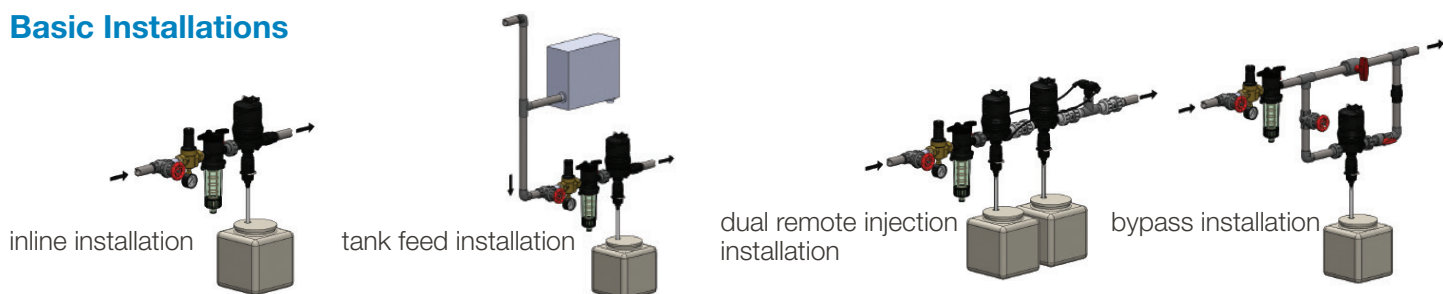
General Specifications

Housing	Proprietary engineered composite material
Average Dosing Accuracy	+/- 10%
Repeatability	+/-3% of ratio
Fluid Maximum Temperature	38°C
Fluid Minimum Temperature	1°C
Maximum Vertical Suction of Concentrate	3.6 m
Seal materials available based on S/N model*:	Aflas Viton (Standard) EPDM Kalrez

*Contact your representative for specific chemical information



Basic Installations



Model	Model #	Operating pressure (Bar)	Water Flow (lit./hr)	Dilution	
				%	Ratio
SuperDos 15 2.5%	113702	0.2 - 4.1	10 - 3,400	0.2 - 2.5	1:500 - 1:40
SuperDos 15 2.5% WSP	113702WSP	0.2 - 4.1	10 - 3,400	0.3 - 2.5	1:300 - 1:40
SuperDos 20 0.3% HAC	113728HAC	0.4 - 6.9	11 - 4,500	0.025 - 0.3	1:4000 - 1:333
SuperDos 20 2.5%	113705	0.4 - 6.9	11 - 4,500	0.2 - 2.5	1:500 - 1:40
SuperDos 20 10%	113707	0.4 - 4.5	11 - 4,500	2.0 - 10.0	1:50 - 1:10
SuperDos 30 0.3% HAC	113729HAC	0.4 - 6.9	34 - 6,800	0.025 - 0.3	1:4000 - 1:333
SuperDos 30 0.3%	113729R	0.4 - 6.9	34 - 6,800	0.025 - 0.3	1:4000 - 1:333
SuperDos 30 2.5%	113709	0.4 - 6.9	34 - 6,800	0.2 - 2.5	1:500 - 1:40
SuperDos 30 2.5% WSP	113709WSP	0.4 - 6.9	34 - 6,800	0.3 - 2.5	1:300 - 1:40
SuperDos 30 5%	113710	0.4 - 6.9	34 - 6,800	0.4 - 5.0	1:250 - 1:20
SuperDos 45 0.3% HAC	113730HAC	0.4 - 6.9	57 - 10,000	0.025 - 0.3	1:4000 - 1:333
SuperDos 45 2.5%	113712	0.4 - 6.9	57 - 10,000	0.2 - 2.5	1:500 - 1:40
SuperDos 45 2.5% WSP	113712WSP	0.4 - 5.5	57 - 10,000	0.2 - 2.5	1:500 - 1:40



Hydro Systems

Americas
Europe
Asia Pacific

+1 513-271-8800
+49 (0) 2065 89205-0
+86 21-6187-1030

contact-hydro@hydrosystemsco.com
info@hydrosystemseurope.com
sales.hydro@hydrosystemschina.com

www.hydrosystemsco.com
www.hydrosystemseurope.com
www.hydrosystemschina.com