

hydor

MiniDos

Non electric, fluid driven proportional injectors

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

MiniDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components.

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

- Proprietary composite body equals PVDF for chemical compatibility and for mixing aggressive chemicals without additional cost
- Built-in on/off switch, 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
- Highest standard operating pressure in the industry, minimising pressure surge damage



principal applications

Fertilisation and plant treatments for gardening and landscaping, green walls and roof terrace fertilisation.

Injection
range:
0.5% to
2.5%

Water flow
up to:
2 m³/h

Operating
pressure:
6 psi to
140 psi

product information	Flow Range l/h	Operating Pressure		Injection Range	
		psi	bar	%	ratio
MiniDos 2.5%	50 - 2000	6 - 140	0.5 - 9.6	0.5% - 2.5%	1:200 - 1:40

basic installation



Inline installation



Tank feed installation



Dual remote injection installation



Bypass installation

general specifications

Housing	Proprietary engineered composite material
Average dosing accuracy	+/- 5%
Repeatability	+/-3%
Maximum temperature	100°F (38°C)
Minimum temperature	34°F (1°C)
Maximum vertical suction of concentrate	3.6 m
Maximum horizontal suction of concentrate	15 m
Self-priming	Yes
Seal material available*:	Aflas Alkaline concentrates, Viton Acids, oils & pesticides, EPDM Alkaline concentrates
Recommended Accessories	140 mesh (104 micron) filter, check valve, pressure regulator, flow restrictor
Thread Sizes Available	3/4" npt, bsp

*Contact your representative for specific chemical information.