

# Hydro Systems MiniDos



**The MiniDos low-mid-flow, waterdriven proportional injectors offer an ideal alternative to traditional, non-electric pump technology. The injectors are compact and offer the widest range of injection ratios.**

MiniDos injectors can operate in remote areas, unlike traditional electric pumps. MiniDos is designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from critical internal components.

Various models are available to satisfy the demands of your most challenging applications.

## Features & Benefits

- Temperature range: 1°C – 38°C
- Seal Material Available: Aflas, Viton, EPDM, Kalrez
- Proprietary composite body, which exceeds PVDF for chemical compatibility and for mixing aggressive chemicals
- 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, minimizing pressure surge damage

# Hydro Systems MiniDos

## Performance

Model	Housing	Average Dosing Accuracy	Repeatability	Fluid Maximum Temperature (°C)	Fluid Minimum Temperature (°C)
MiniDos	Proprietary engineered composite material	+/- 15%	+/- 3% of Ratio	38	1

Model	Maximum Vertical Suction of Concentrate (m)	Maximum Horizontal Suction of Concentrate (m)	Self Priming	Seal Material Available*
MiniDos	3.6	15	Yes	Aflas – Alkaline Concentration Viton – Acids, Oils and Pesticides EPDM – Alkaline Concentrates

Model	Flow Range		Operating Pressure		Injection Range	
	GPM	l/h	psi	bar	%	ratio
MiniDos 0.4%	0.04 - 12	10 - 2,700	6 - 140	0.5 - 9.6	0.025 - 0.4%	1:4000 - 1:250
MiniDos 1%	0.04 - 12	10 - 2,700	6 - 140	0.5 - 9.6	0.2 - 1%	1:500 - 1:100
MiniDos 2.5%	0.04 - 12	10 - 2,700	6 - 140	0.5 - 9.6	0.5 - 2.5%	1:200 - 1:40
MiniDos 5%	0.04 - 12	10 - 2,700	6 - 140	0.5 - 9.6	1 - 5%	1:100 - 1:20
MiniDos 10%	0.07 - 10	16 - 2,200	6 - 65	0.5 - 4.5	2 - 10%	1:50 - 1:10
MiniDos 20%	0.07 - 7	16 - 1,500	6 - 65	0.5 - 4.5	4 - 20%	1:25 - 1:5

\*Please consult Hydor for additional information on chemical compatibility.

ISSUE 2. OCT 2021.