



# SuperDos HAC

## Non-Electric, Water-Driven Pumps for Use with Highly Aggressive Chemicals

SuperDos HAC models operate without electricity to precisely inject liquid concentrates into a water supply line using fluid flow as the power source. These models are designed with a patented internal mixing chamber that promotes homogeneous mixing, while segregating harsh chemicals from internal components.

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

- Proprietary composite body for chemical compatibility and for mixing aggressive chemicals
- 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
- These chemical resistant models feature components that can dose highly aggressive fluids

SuperDos HAC models exhibit chemical resistance to chemicals including (but not limited to):

- Acetic Acid
- Various Alcohols
- Antifreeze (Glycol-based)
- Boric Acid
- Butyric Acid
- Citric Acid
- Peroxy Acetic Acid
- Sodium Hydroxide
- Sodium Hypochlorite



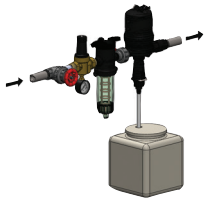
### General Specifications

Housing	Proprietary engineered composite material
Avg. Dosing Accuracy	+/- 5%
Repeatability	+/- 3%
Fluid Max. Temp.	100° F (38° C)
Fluid Min. Temp.	34° F (1° C)
Max. Vertical Suction of Concentrate	13 feet (3.6 meter)
Max. Horizontal Suction of Concentrate	49 feet (15 meter)
Self-Priming	Yes
Threads	NPT and BSP

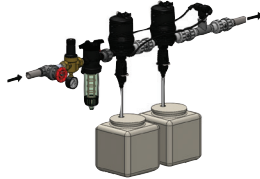
\*Contact your representative for specific chemical information.



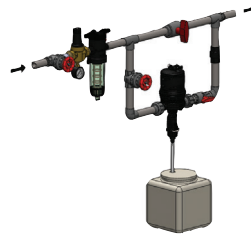
## Basic Installation



In-line installation



Dual remote injection installation



By-pass installation

Model #	Description	Threads	Flow Rate		Operating Pressure		Injection Rate	
			GPM	L/hr.	psi	bar	%	ratio
HYD113228HAC	SuperDos 20 0.3% HAC	1" NPT	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
HYD113728HAC	SuperDos 20 0.3% HAC	1" BSP	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
HYD113205HAC	SuperDos 20 2.5% HAC	1" NPT	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.20 - 2.5	1:500 - 1:40
HYD113705HAC	SuperDos 20 2.5% HAC	1" BSP	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.20 - 2.5	1:500 - 1:40
HYD113206HAC	SuperDos 20 5% HAC	1" NPT	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.40 - 5	1:250 - 1:20
HYD113706HAC	SuperDos 20 5% HAC	1" BSP	0.05 - 20	11 - 4500	5 - 100	0.34 - 6.9	0.40 - 5	1:250 - 1:20
HYD113229HAC	SuperDos 30 0.3% HAC	1" NPT	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
HYD113729HAC	SuperDos 30 0.3% HAC	1" BSP	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
HYD113209HAC	SuperDos 30 2.5% HAC	1" NPT	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.20 - 2.5	1:500 - 1:40
HYD003709HAC	SuperDos 30 2.5% HAC	1" BSP	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.20 - 2.5	1:500 - 1:40
HYD113210HAC	SuperDos 30 5% HAC	1" NPT	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.40 - 5	1:250 - 1:20
HYD113710HAC	SuperDos 30 5% HAC	1" BSP	0.15 - 30	34 - 6800	5 - 100	0.34 - 6.9	0.40 - 5	1:250 - 1:20
HYD113230HAC	SuperDos 45 0.3% HAC	1 1/4" NPT	0.25 - 45	57 - 10,000	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333
HYD113730HAC	SuperDos 45 0.3% HAC	1 1/4" BSP	0.25 - 45	57 - 10,000	5 - 100	0.34 - 6.9	0.025 - 0.3	1:4000 - 1:333