

Dosatron

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Hydraulic – water driven dosing pumps.

Dosatron is a solution for liquid to liquid precision dosing and mixing issues:



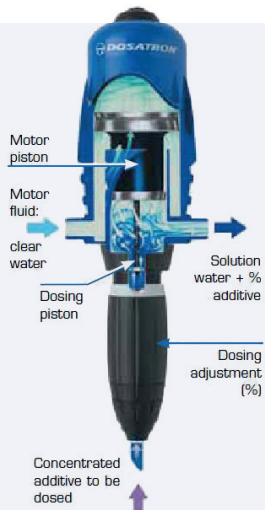
The DOSATRON water powered dosing pump is a simple and ingenious system that has demonstrated its value since many decades in about a hundred countries.

Installed directly in the water supply line, the Dosatron operates without electricity ; it uses the flow of water as the power source. The water activates the Dosatron, which takes up the required percentage of concentrate and injects it into the water. Inside the Dosatron, the concentrate is mixed with the water, and the water pressure forces the solution downstream.

Once adjusted, the dispenser requires no action or external control.

The dose of concentrate will be directly proportional to the volume of water entering the Dosatron, regardless of variations in flow and pressure which may occur in the main line.

The high dosing precision eliminates all risks of overdosing, thus contributing to respecting the environment.



Standard dosatron with VF or AF seals max. 40°C

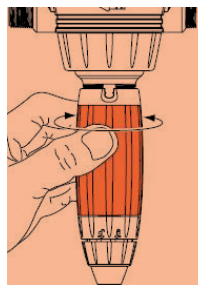


Dosatron VF, AF or extreme Kalrez seals max 40°C



Dosatron Hot water dosing pumps Max 60°C with AF, VF or extreme Kalrez seals

Technology which is 100 %



- The dosing is proportional to the water passage and is independent of the flow and pressure fluctuations.
- Non electric
- Integrating all dosing and mixing functions.
- Independent and precise
- User-friendly
- Installation and maintenance-friendly
- Environment-respecting

precision dosing

VF	Viton seals	Seals for acidic additives
AF	EPDM seals	Seals for alkaline additives
K	Kalrez seals	Seals resistant to extreme aggressive acidic or alkaline chemicals.
PVDF	PVDF housing	Housing resistant to extreme aggressive acidic or alkaline chemicals.
IE	External chemical bypass	Chemical is injected after the pump.
BP	Water bypass	By using this switch the pump is out of use and passes only clear water.

		injection range	Operating pressure	AF	VF	K	PVDF	IE	BP
		%	Bar						
Water flow range: 5 – 700 liter / hour									
103.D 07 RE 125 VF		0.15 - 1.25	0,3 - 6		●	▲	■	▲	▲
103.D 07 RE 125 AF		0.15 - 1.25	0,3 - 6	●		▲	■	▲	▲
103.D 07 RE 5 VF		0.8 - 5.5	0,3 - 6		●	▲	■	▲	▲
103.D 07 RE 5 AF		0.8 - 5.5	0,3 - 6	●		▲	■	▲	▲
Water flow range: 10 – 3000 liter / hour									
103.D 3 RE 3000 VF		0.03 - 0.3	0.3 - 6		●	■	■	■	■
103.D 3 RE 3000 AF		0.03 - 0.3	0.3 - 6	●		■	■	■	■
103.D 3 RE 2 VF		0.2 - 2	0.3 - 6		●	■	■	■	■
103.D 3 RE 2 AF		0.2 - 2	0.3 - 6	●		■	■	■	■
103.D 3 RE 5 VF		0.5 - 5	0.3 - 6		●	■	■	■	■
103.D 3 RE 5 AF		0.5 - 5	0.3 - 6	●		■	■	■	■
103.D 3 RE 10 VF		1 - 10	0.3 - 6		●	■	■	■	■
103.D 3 RE 10 AF		1 - 10	0.3 - 6	●		■	■	■	■
103.D 3 RE 25 VF		5 - 25	0.3 - 4		●	■	■	■	■
103.D 3 RE 25 AF		5 - 25	0.3 - 4	●		■	■	■	■
Water flow range: 500 – 8000 liter / hour									
103.D 8 RE 2 VF		0.2 - 2	0.15 - 8		●	▲	▲	▲	▲
103.D 8 RE 2 AF		0.2 - 2	0.15 - 8	●		▲	▲	▲	▲
103.D 8 RE 5 VF		1 - 5	0.15 - 8		●	▲	▲	▲	▲
103.D 8 RE 5 AF		1 - 5	0.15 - 8	●		▲	▲	▲	▲
Water flow range: 1000 – 20.000 liter / hour									
103.D 20 S		0.2 - 2	0.12 - 10	■	●	▲	▲	▲	▲