

EN



DOSATRON®

Because life is powered by water



ANIMAL HEALTH

Customer service

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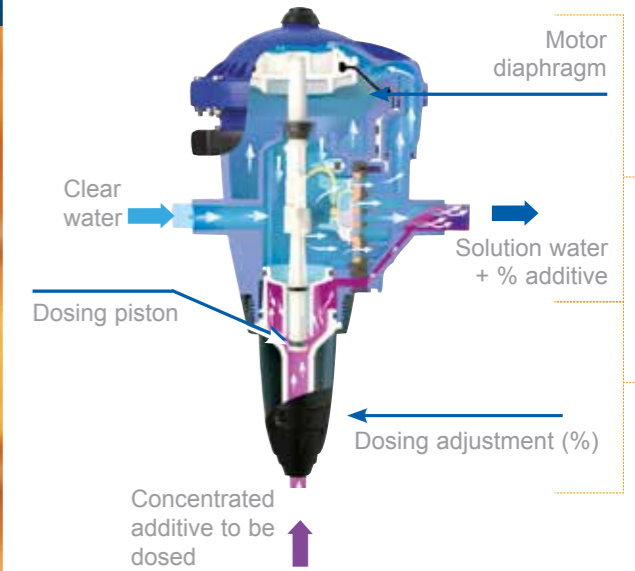
Dosatron Technology

Dosatron technology is based on a hydraulic motor pump activated only by pressure and the flow of the water.

The hydraulic motor: Piston or Diaphragm Technology

The motor piston or motor diaphragm moves under the pressure of the water. A system of valves allows the movement to be reversed. Each piston or diaphragm cycle corresponds to a predetermined

The diaphragm motor



The dosing assembly

The Dosing piston driven by the motor continuously injects a fixed volume of product (adjustable capacity of the dosing body). The dosing piston will inject the quantity of product that corresponds to the volume of water passing through the motor.



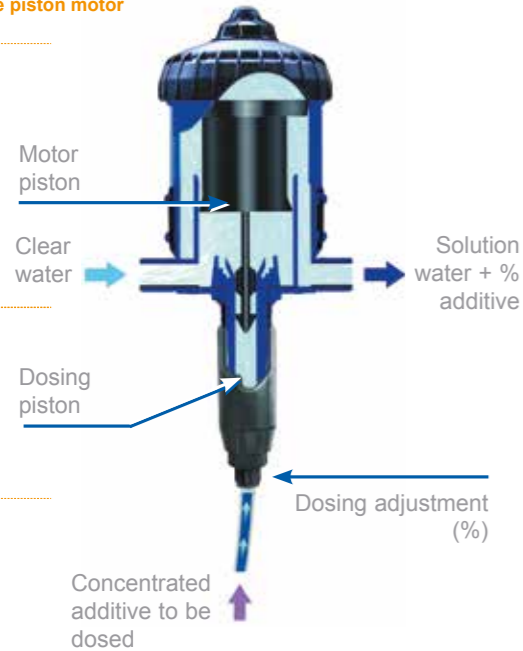
DIA

- Best performances at low flow (young animals / small groups)
- Best performances at low pressure (header tanks, pressure drops)
- Best lifespan with water loaded with minerals (iron, calcium...)
- External injection to protect the motor from chemical attack

volume of water which passes through the pump (motor volume). The speed of the motor varies proportionally with the flow of water.

The dosing pump is called a **VOLUMETRIC** pump.

The piston motor



Therefore, the operating principle ensures constant dosing, independently of the variations in flow rate and pressure of the water.

The injection of the product is **PROPORTIONAL** to the water flow rate.

D25



- N°1 selling medicator in the world
- High dosage capability to insure powder solubility
- Easy maintenance (low spare parts numbers)
- Best inline dosing homogeneity



ANIMAL HEALTH

- Fast & flexible medicine administration through drinking water
- Ideal for very low water flow & and water pressure (header tanks)
- Precise & homogeneous dosing independent of the variations in flow rate and pressure of the water
- Special models available for high concentration organic acids
- Reduced cross contamination risk compared to other methods of treatment
- Less stress for animals & less labour required

- Medication through drinking water (curative & metaphylactic)
- Vaccination through drinking water
- Acidification through drinking water
- Supplementation through drinking water (Minerals, vitamins, probiotics, essential oils)
- Disinfection of drinking water (Specials models WL-WATER LINE)
- Decontamination of vehicles and staff
- Fogging systems



DIA	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US GPM]	bar	PSI	Serial	Option
DIA4RE	1 - 4	[1:100 - 1:25]	4.5 - 2 500	[0.02 - 11]	0.15 - 4	2.2 - 57		
Connection (NPT/BSP M) Ø 20 x 27 mm [3/4"]								

D25	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US Pint/min - US GPM]	bar	PSI	Serial	Option
D25RE2	0.2 - 2	[1:500 - 1:50]	10 - 2 500	[1/3 - 11]	0.30 - 6	4.3 - 85		
D25RE2AO	0.2 - 2	[1:500 - 1:50]	10 - 2 500	[1/3 - 11]	0.30 - 6	4.3 - 85		
D25RE5	1 - 5	[1:100 - 1:20]	10 - 2 500	[1/3 - 11]	0.30 - 6	4.3 - 85		
D25RE10	3 - 10	[1:33 - 1:10]	10 - 2 000	[1/3 - 11]	0.30 - 4	4.3 - 58		
D25RE09AO	0.1 - 0.9	[1:1000 - 1:112]	10 - 2 500	[1/3 - 11]	0.30 - 6	4.3 - 85		
Connection (NPT/BSP M) Ø 20 x 27 mm [3/4"]								

D8	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US GPM]	bar	PSI	Serial	Option
D8RE2	0.2 - 2	[1:500 - 1:50]	500 - 8 000	[2.2 - 40]	0.15 - 8	2 - 110		
Connection (NPT/BSP M) Ø 40 x 49 mm [1" 1/2 M]								

D20	Dosage		Operating flow range min. - max.		Operating pressure		Version	
	%	Ratio	(l/h)	[US GPM]	bar	PSI	Serial	Option
D20S	0.2 - 2	[1:500 - 1:50]	1 000 - 20 000	[5 - 100]	0.12 - 10	2 - 120		
Connection (NPT/BSP M) Ø 50 x 60 mm [2" /1]								

Available options

- PVDF : carter for highly concentrated acids
- AF : Recommended seals for alkaline additives
- VF : Recommended seals for additives pH ≤ 9, essential oils
- K : Recommended seals for highly concentrated acids (>15%) - carter PVDF systematic

- BP : (Integrated by-pass) system for manual activation of the additive suction (on) and stop (off)
- Support legs
- IE : external injection

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