



D6GLBP

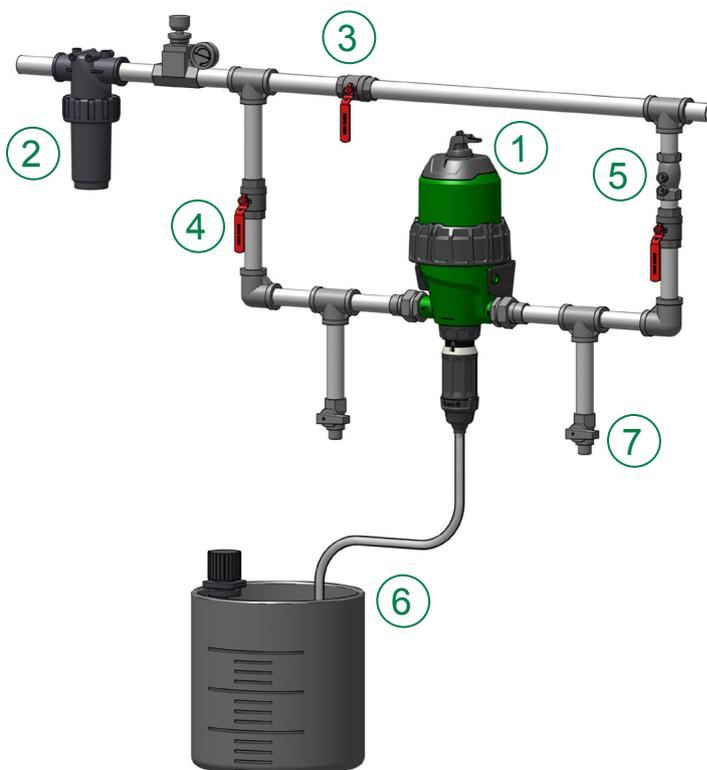
The fertigation reference

- Proportional dosing without electricity
- Flow proportionality

Fruit Vegetable production - Greenhouse
Field crop cultivation - Nursery Landscaping

STANDARD INSTALLATION

- ① D6GLBP
- ② Main filter
- ③ Main valve
- ④ Dosing valve
- ⑤ Non-return valve
- ⑥ Stock solution
- ⑦ Fast priming, sampling and rinsing

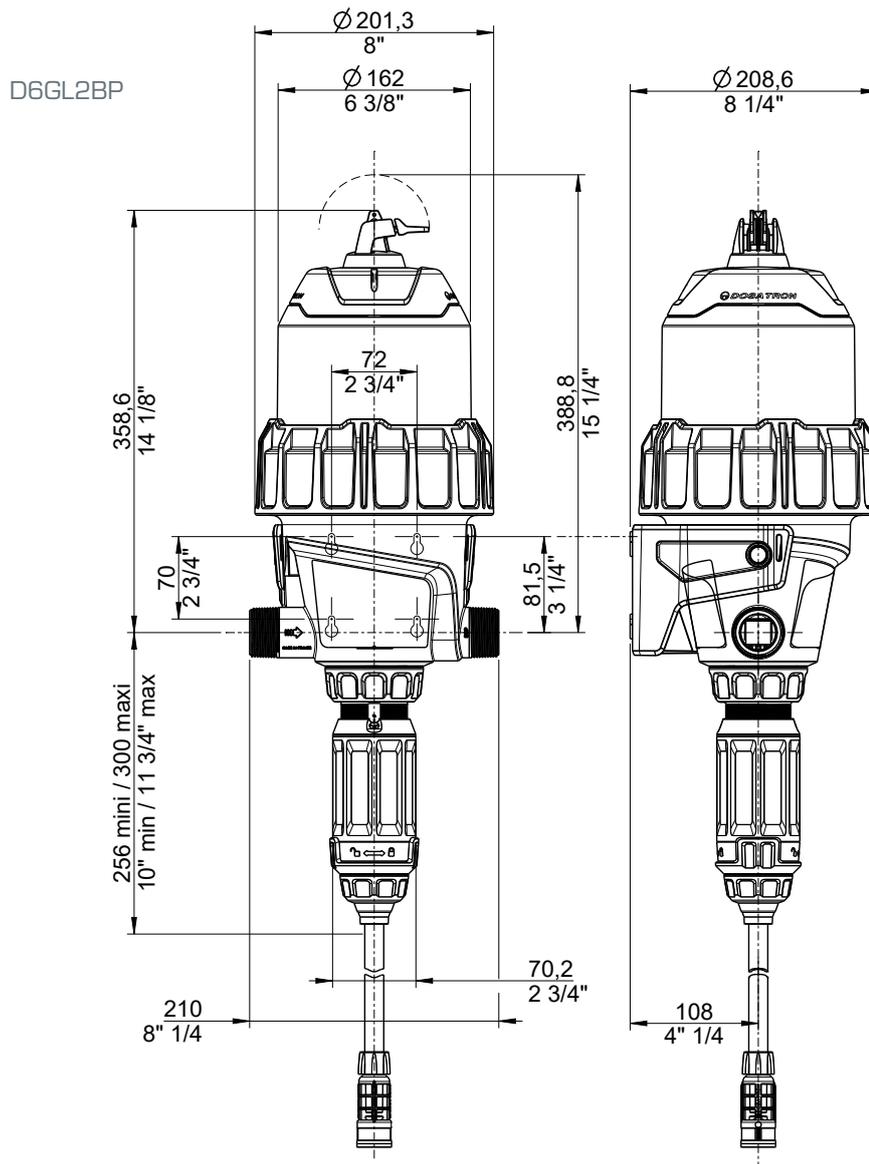


SPECIFICATIONS

		D6GL1000BP		D6GL3000BP		D6GL2BP	
		Min	Max	Min	Max	Min	Max
Operating water flow	l/h	100	6000	100	6000	100	6000
	m ³ /h	0.1	6	0.1	6	0.1	6
	gpm	0.44	26.42	0.44	26.42	0.44	26.42
Operating pressure	bar	0.2	8	0.2	8	0.3	8
	psi	2.9	116	2.9	116	4.35	116
Pressure loss	bar	0.2	0.69	0.22	0.6	0.25	0.9
	psi	2.9	10	3.19	8.7	3.63	13.05
Adjustable dosing	%	0.1	1	0.03	0.3	0.2	2
	1:	1000	100	3000	300	500	50
	ppm	1000	10000	300	3000	2000	20000
Injection flow rate	l/h	0.1	60	0.03	18	0.2	120
	US FL. oz/min	0.056	33.8	0.017	10.1	0.112	67.6

REQUIREMENTS

dimensions in mm



		D6GL1000 BP		D6GL3000 BP		D6GL2BP	
Pump weight	kg	3.4		3.7		3.4	
	lbs	7.5		8.16		7.5	
Pump dimensions		cm	inch	cm	inch	cm	inch
	Diameter	21	8 1/4"	21	8 1/4"	21	8 1/4"
	Max Height	69.02	27	65.43	24 1/2"	65.86	25 7/8"
	Width	21	8 1/4"	21	8 1/4"	21	8 1/4"
Packaging weight	kg	~5		~5		~5	
	lbs	~11		~11		~11	
Packaging dimensions		cm	inch	cm	inch	cm	inch
	Lenght	63.6	25 1/16"	63.6	25 1/16"	63.6	25 1/16"
	Height	22.4	8 13/16"	22.4	8 13/16"	22.4	8 13/16"
	Width	22	8 11/16"	22	8 11/16"	22	8 11/16"

FEATURES

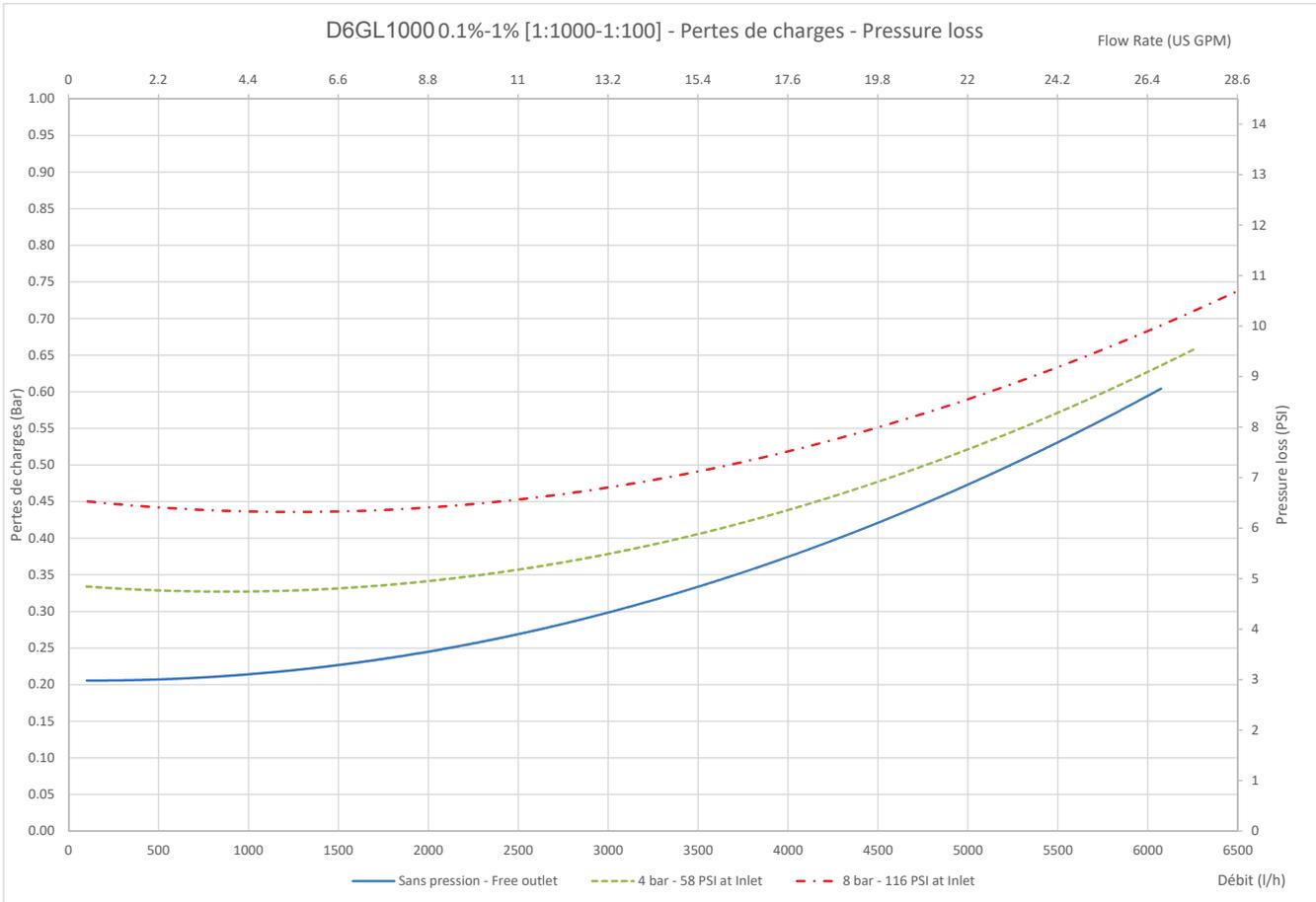
		D6GL2BP	
		Min	Max
Operating temperature	°C	5	40
	°F	41	104
Motor capacity	L	1	
	US gallon	0.26	
Water flow calculation	Number of clacks in 15 seconds	l/h	gpm
	2	240	1.06
	4	480	2.11
	8	960	4.22
	16	1920	8.45
	32	3840	16.90
	50	6000	26.40
Connections	Type	BSPT M Ø 33x42 mm	
	Inch	BSPT 1 ¼"	

EQUIPMENTS

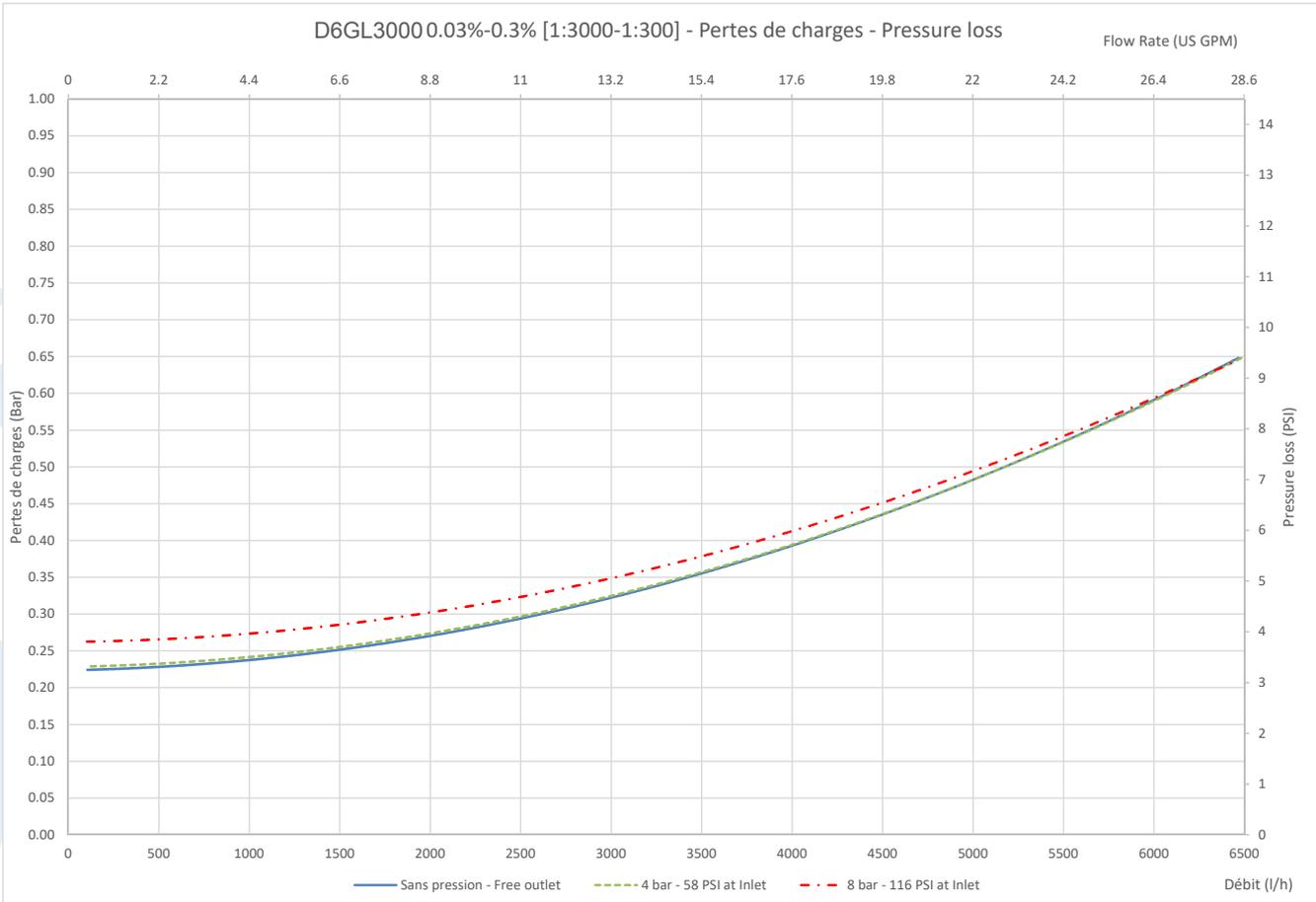
		D6GL1000BP		D6GL3000BP		D6GL2BP	
		Série	Option	Série	Option	Série	Option
Dosing seals	VF	x		x		x	
Bleed			x		x		x
Manual by-pass		x		x		x	
Automatic by-pass			x		x		x
Wall mount		x		x		x	
Suction hose	length (m)	1,75		1,75		1,75	
	diameter (mm)	8 x 10		6 x 8		12 x 16	
Strainer	filter 300µ	x		x		x	

CURVES - PRESSURE LOSS

D6GL1000BP

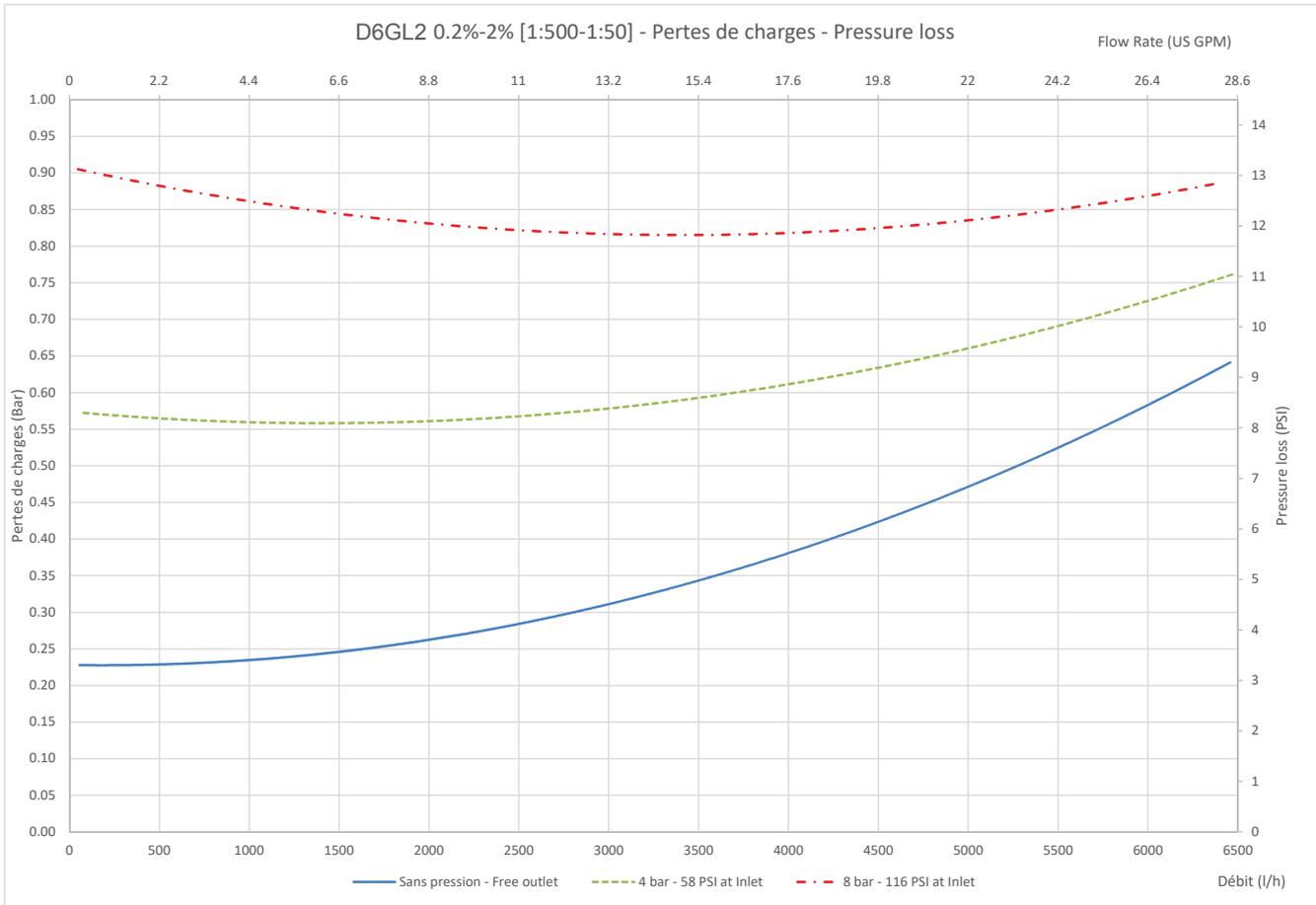


D6GL3000BP





D6GL2BP



CHEMICAL COMPATIBILITY

Fertilisers and chemical components

Notes

These indications reflect the use of our dosing pumps in optimum conditions. It is essential to take account of the actual conditions, that is to say the pressure, flow rate, temperature, chemical composition of the water present, etc., which are all factors influencing compatibility results.

We recommend that you contact your distributor or our services if you have any doubts or if any products are not mentioned.

Products		Ammonium nitrate			Phosphoric acid			Sulfate of potassium		
		NH ₄ NO ₃			H ₃ PO ₄			K ₂ SO ₄		
Concentration		low	average	high	low	average	high	low	average	high
		10%	20%	40%	10%	20%	40%	10%	20%	40%
D6GL1000BP D6GL3000BP D6GL2BP 		●	●	●	●	●	●	●	●	●

Products		Acid nitric			Hydrochloric acid			Ternary fertilizer + trace elements		
		HNO ₃			HCL			NPK		
Concentration		low	average	high	low	average	high	low	average	high
		10%	20%	30%	10%	20%	30%	product solubility threshold		
D6GL1000BP D6GL3000BP D6GL2BP 		●	●	●	●	●	●	●	●	●

Products		Iron chelate "sequestrene"			Hydrogen peroxide			Sulphuric acid		
		IDHA - EDDHA			H ₂ O ₂			H ₂ SO ₄		
Concentration		low	average	high	low	average	high	low	average	high
		product solubility threshold			10%	20%	40%	10%	20%	40%
D6GL1000BP D6GL3000BP D6GL2BP 		●	●	●	●	●	●	●	●	●
		maximum concentration at 50%						strong exothermic reaction		

Compatibility key



VG very good



G good



NC not compatible

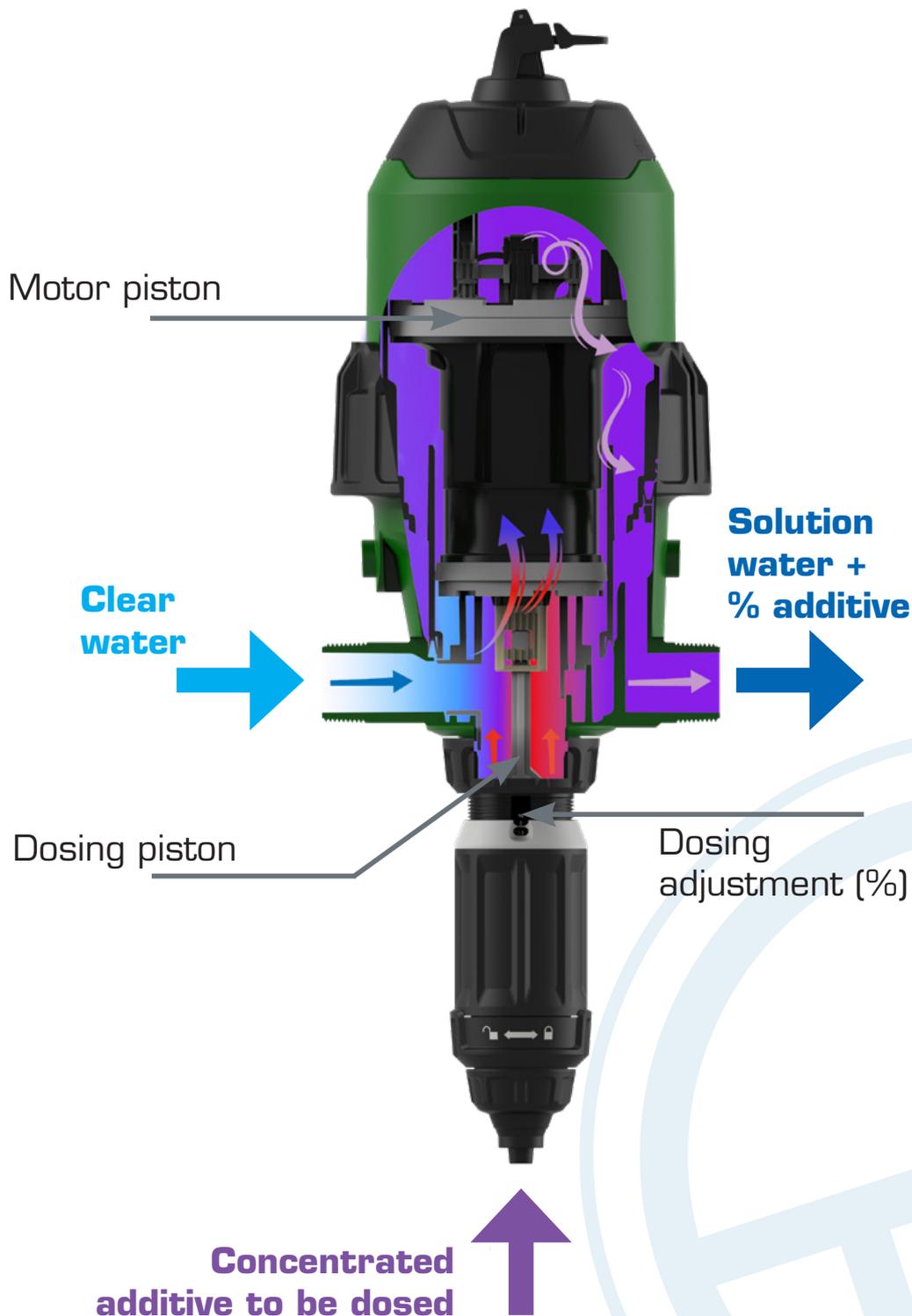
A unique technology associating all dosing functions

Installed directly in the water supply line, the **Dosatron** operates by using water pressure as the only power source. Activated in this way, it draws in the concentrated product, doses it at the desired ratio and mixes it with the motive water.

The water pressure forces the solution downstream.

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

The concentration of the solution always remains the same.



www.dosatron.com



DOSATRON APP
Your daily assistant



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