

ENZYMATIC WATER TREATMENT

*Solutions for the natural degradation of residues in
pipes*

Your reliable partner for dosing solutions

About us

With a **legacy spanning decades**, Injecta specializes in the design and manufacture of dosing systems for diverse industrial sectors.

Safety is at the heart of our mission: we understand the risks associated with chemical handling, therefore we provide **solutions engineered to mitigate critical operational risks.**

Leveraging our **technical expertise**, we guide clients in **optimal material selection** and the **integration of dedicated safety systems.**



Automated Solutions

In the **cleaning** and **hygiene** sector, automation is increasingly used to improve process efficiency, including drain management.

Automatic dosing represents an effective solution for controlling **grease deposits**, thanks to the programmed dispensing of enzyme-based chemicals.

The latter promote the degradation of **fats, oils, and lipids**, preventing **accumulation and blockages** and ensuring consistently **clean** and **efficient drains**.

Importance of Chemical Treatment

Chemical drain treatment, particularly using **enzymes**, plays an essential role in maintaining system performance.

It contributes to ensuring **high hygiene standards**, reducing maintenance interventions, and ensuring reliable and continuous operation over time.



Enzyme dosing systems

BIOPER



Materials

Watertight plastic enclosure, suitable for demanding environments

Dosing

Manual and automatic operation
Programmable timer with daily or weekly setting, up to **8 events** per day
Minimum dosing time: 1 minute

- BIOPER.12
- BIOPER.1 220
- BIOPER.2 220
- BIOPER.110

	Flow Rate	Pressure	Tube	Power Supply
BIOPER.12	2,3 l/h	0,1 bar	Silicone 6×10	Battery
BIOPER.1 220	1,5 l/h	0,1 bar	Silicone 6×10	220 V
BIOPER.2 220	3,0 l/h	0,1 bar	Santoprene 6×10	220 V
BIOPER.110	3,0 l/h	0,1 bar	EPDM 6×10	110 V

BIOPER S



Materials

Watertight plastic enclosure, suitable for demanding environments
EPDM 6x10 tubes

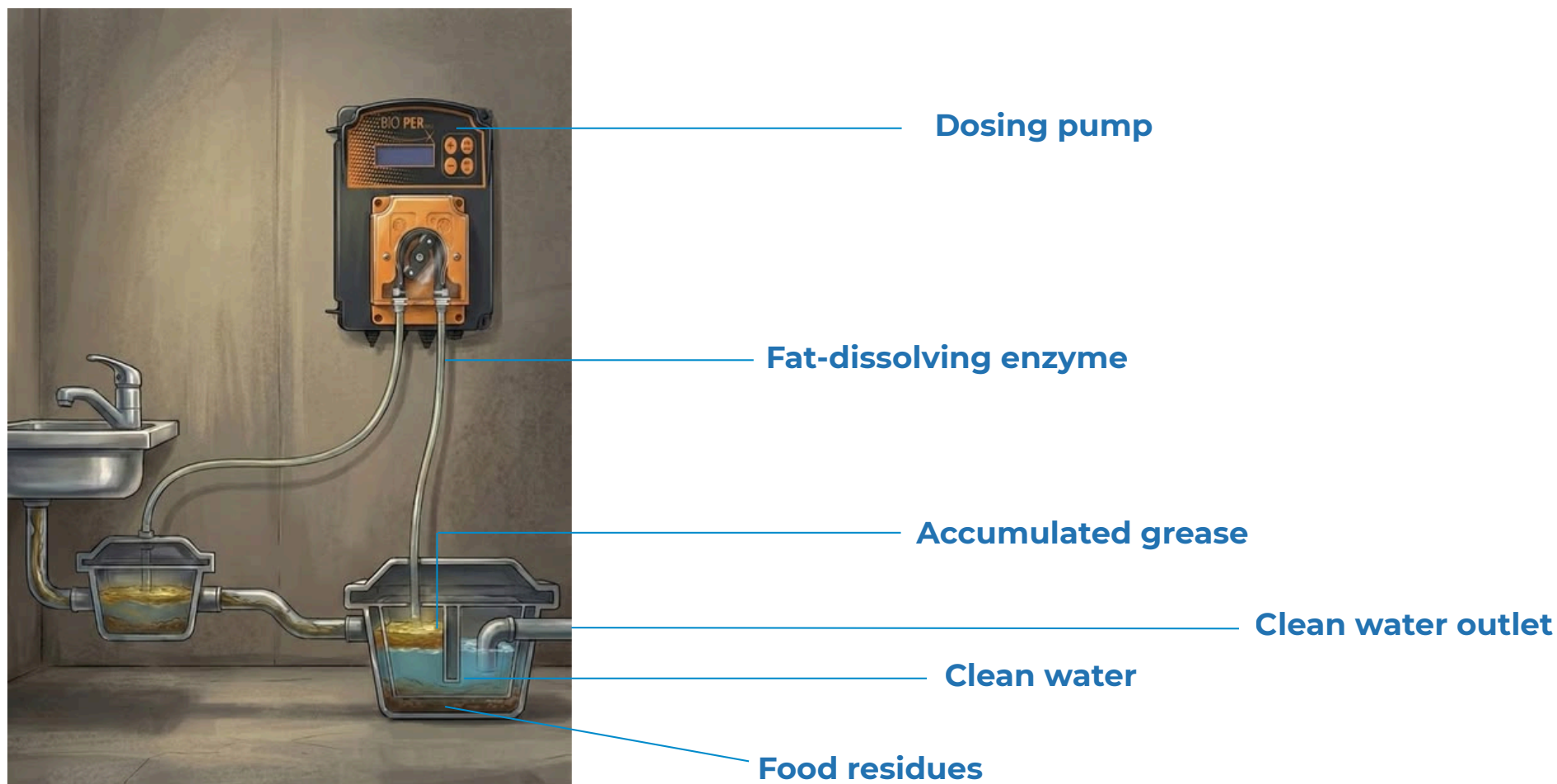
Range

6,0 lt/h
0,1 bar

Power Supply

2 Lantern-type 6V batteries
(NOT INCLUDED)

Enzyme dosing systems



BIO PER PLUS



Materials	Watertight plastic enclosure, suitable for demanding environments EPDM 6x10 tubes
Range	12 lt/h 0,1 bar
Programming	Up to 48 programmable dosing events per day
Power Supply	100 ÷ 240 VAC

Key benefits

- **Always Clear Drains:** Automatic dosing keeps drainage channels free from grease and oils, while reducing bad odors and blockages.
- **Increased Productivity:** Timed dosing systems are programmable and operate in total autonomy. This eliminates the manual process of pouring chemicals into drains.
- **Health and Safety:** Typically, staff must physically clean residues in grease traps, with risks of spills and contamination. The automatic system releases an enzyme that dissolves grease, allowing water to flow without the need for manual intervention.



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