



 Gravikwater

Gravikit[®]

Ecological disinfection system



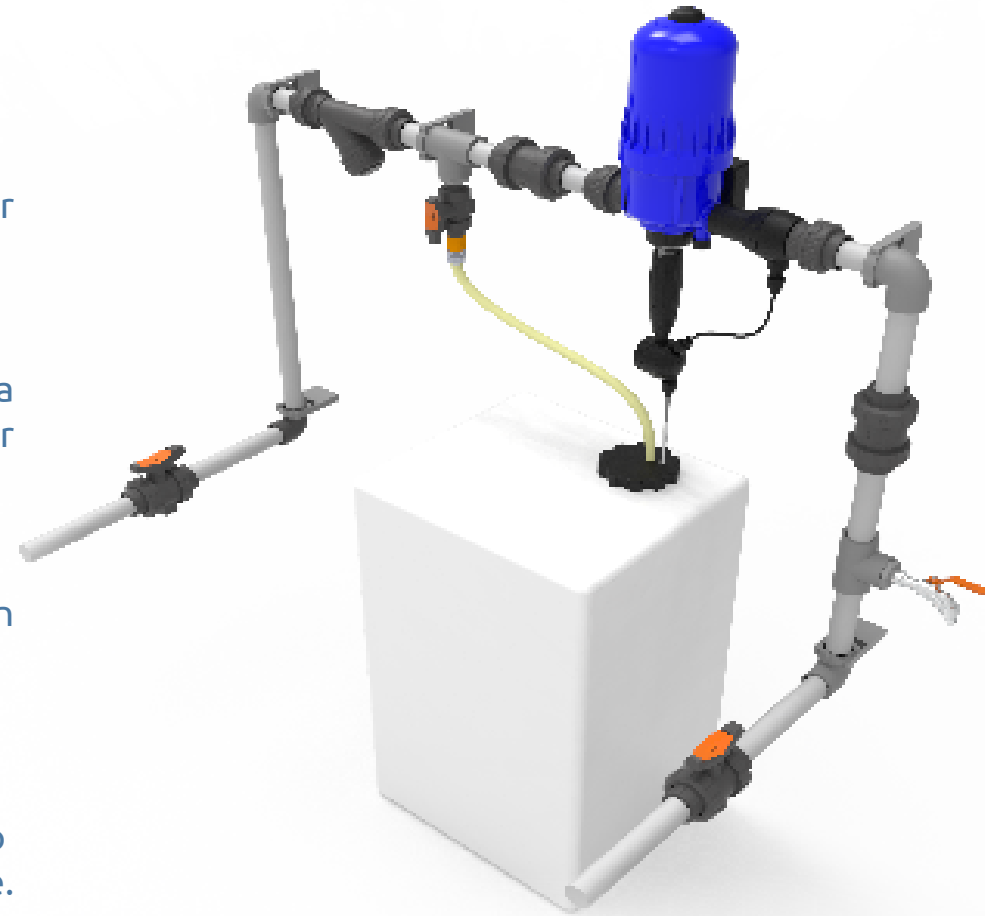
GRAVIKIT, 4 disinfection systems with no electricity required

Protect the consumers from cholera and water diseases.

Since every drinking water system is different, a detailed study is essential to ensure the proper functioning of the system under real-life conditions.

We design your GRAVIKIT including an chlorination unpowered pump as well as all necessary hydraulic elements and dosing accessories. (DOSATRON)

Our design office makes customized drawings to integrate GRAVIKIT in valve chambers of any size.



GRAVIKIT 3D25 by Graviwater ©



Result of the colorimetric analysis obtained after disinfection with the GRAVIKIT - GRAVIWATER ©

GRAVIKIT
3D25

GRAVIKIT
8D50

GRAVIKIT
20D63

GRAVIKIT
30D90

Technical specifications

Model Number	Motor flow rate	Pressure range	ACS	Hard water option	Tank volume	Maximun autonomy à 0,3mg/L of free chlorine
Gravikit 3D25	50L/H - 2,5 M ³ /H	1 BAR - 6 BARS	✓	✓	From 25L to 350L	20 days
Gravikit 8D50	700L/H - 7 M ³ /H	1 BAR - 8 BARS	✓	✓	From 60L to 1000L	20 days
Gravikit 20D63	3M ³ /H - 19 M ³ /H	1 BAR - 10 BARS	✗	✗	From 250L to 1040L	6 days
Gravikit 30D90	8 M ³ /H - 28 M ³ /H	1 BAR - 6 BARS	✓	✓	From 60L to 350L	20 days

STEP 1

Know the flow to be treated

The reading of your meters determines the ideal Gravikit model for you application.

Then, together we determine the daily peak consumption, which will be used as a basis for the dosing calculation.

STEP 2

Check the hydrostatic pressure

The other key parameter after the flow rate is the water pressure. The GRAVIKIT uses the natural pressure, equal to the difference altitudes between the catchment and the distribution tank. It can also be installed on a pumping system.

The GRAVIKIT is preferably installed in the valve chamber of the tank, ensuring the necessary contact time for effective disinfection.

However, make sure that the available pressure is higher than 1 bar.

IMPORTANT INFORMATION

Following these two steps, an engineer will contact you to determine the storage volume of disinfectant solution applicable to your configuration.

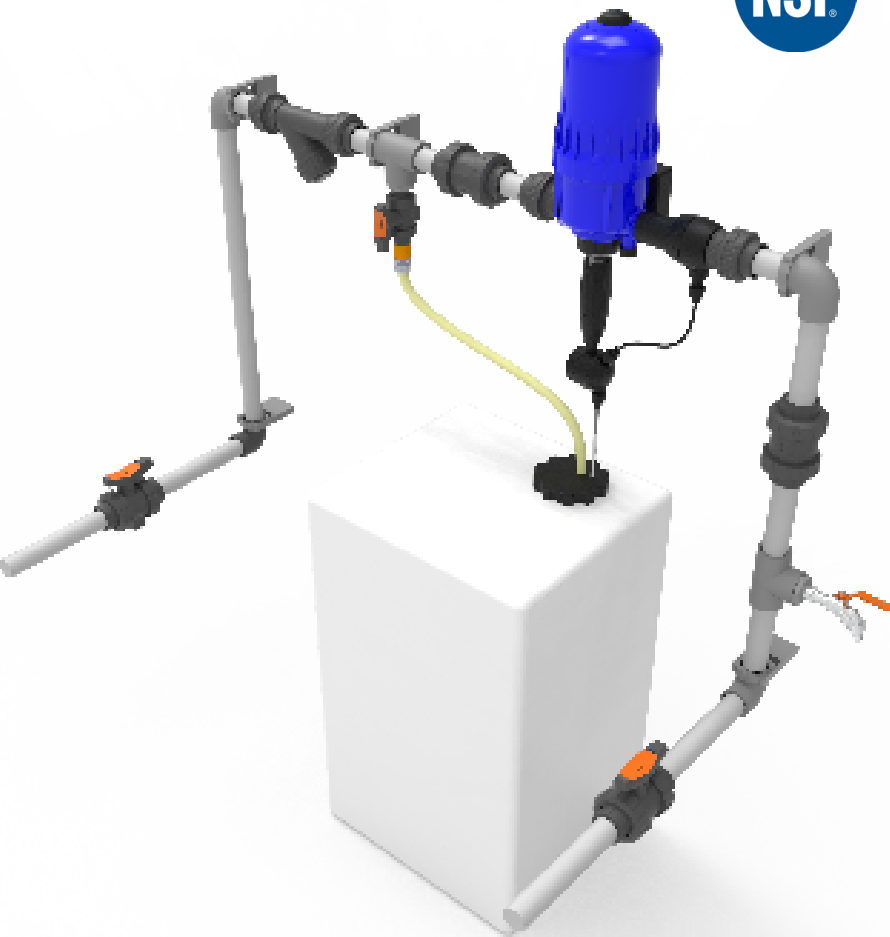


Our 4 disinfection systems GRAVIKIT can treat flows up to 30 m³/h.



Knowing the volume of consumption is the first step in sizing.
GRAVIWATER®

GRAVIKIT 3D25



The GRAVIKIT 3D25 treats flows up to 2.5m³/h

This kit contains hydropumpable to dose calcium hydrochlorite.

Applications:

- Drinking water disinfection
- Disinfection of foot baths

This GRAVIKIT contains:

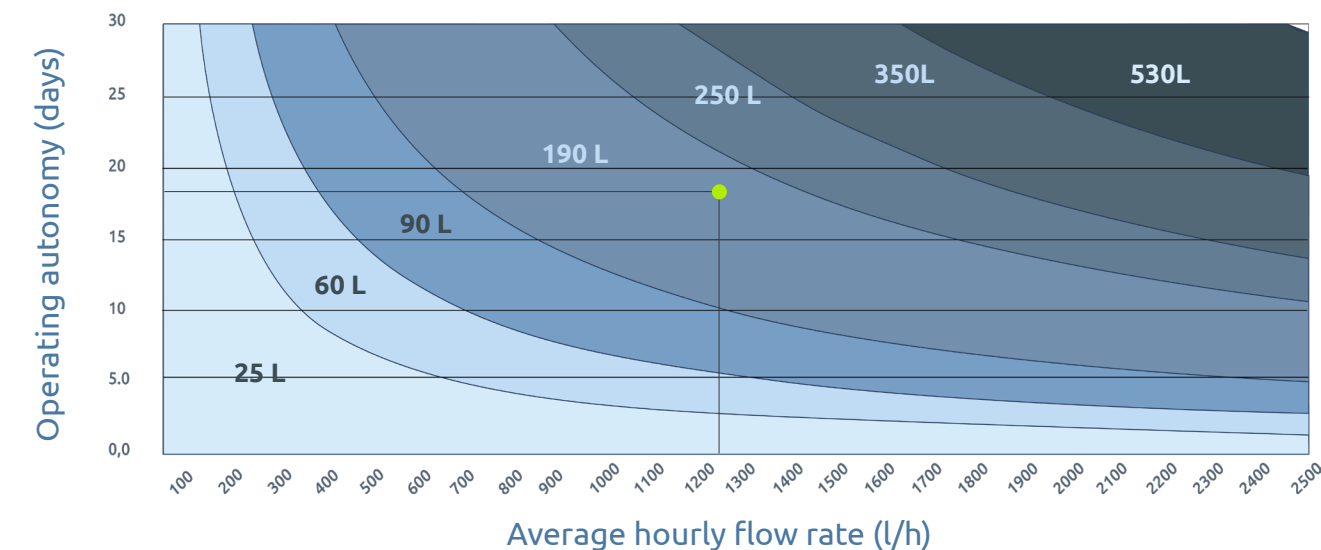
- The hydraulic dosing pump
- Hydraulic accessories
- The dosing tank

Technical specifications:

Motor flow rate	50l/h - 2,5 m ³ /h
Nominal pressure	From 1 bar to 6 bars
Standard dosage	0,03%
CALC option	For hard water
Connection diameter	DN 20

Calculation chart for disinfectant solutions tanks

(For a treatment rate of 0,3mg/L of active chlorine dosing screw at 0,03%)



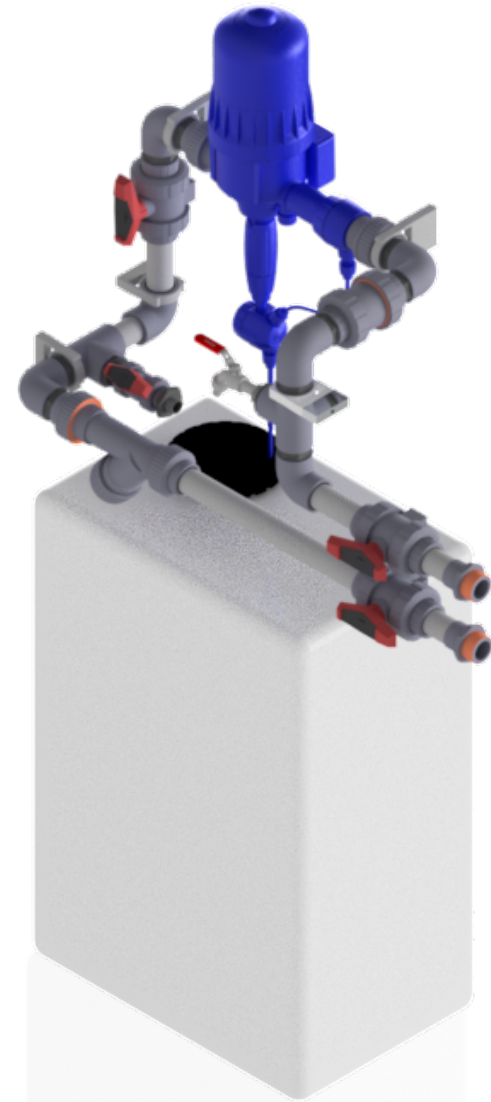
● «Example: for an average flow rate of 1250l/h and an autonomy of 18 days, the volume of your tank will be 190 L for the GRAVIKIT 3D25».



Installation of a GRAVIKIT 3D25 for the disinfection of a military source in Piène Haute - France
GRAVIWATER®



GRAVIKIT 8D50



The GRAVIKIT 8D50 treats flows up to 7 m³/h

This kit contains a 8D50 hydropump capable of dosing calcium hydrochlorite without electricity.

Applications:

- Drinking water disinfection

This GRAVIKIT contains:

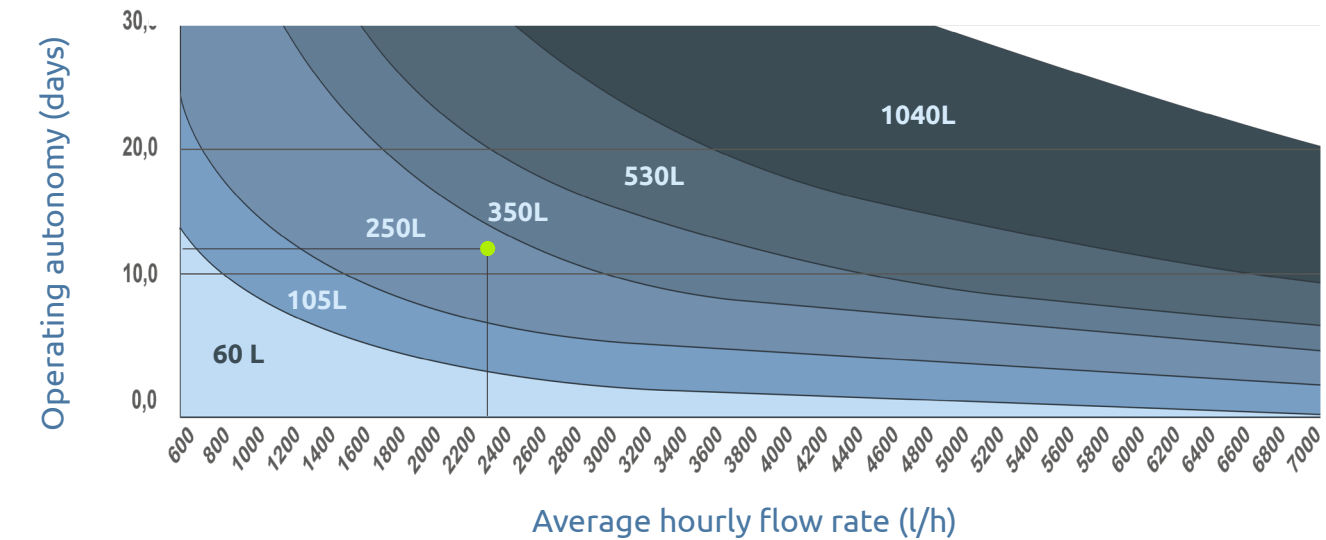
- The hydraulic dosing pump
- Hydraulic accessories
- The dosing tank

Technical specifications:

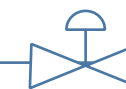
Motor flow rate	700l/h - 7 m ³ /h
Nominal pressure	de 1 bar à 8 bars
Standard dosage	0,03%
CALC Option	For hard water
Connection diameter	DN 40

Calculation chart for disinfectant solutions tanks

(For a treatment rate of 0,3mg/L of active chlorine dosing screw at 0,03%)

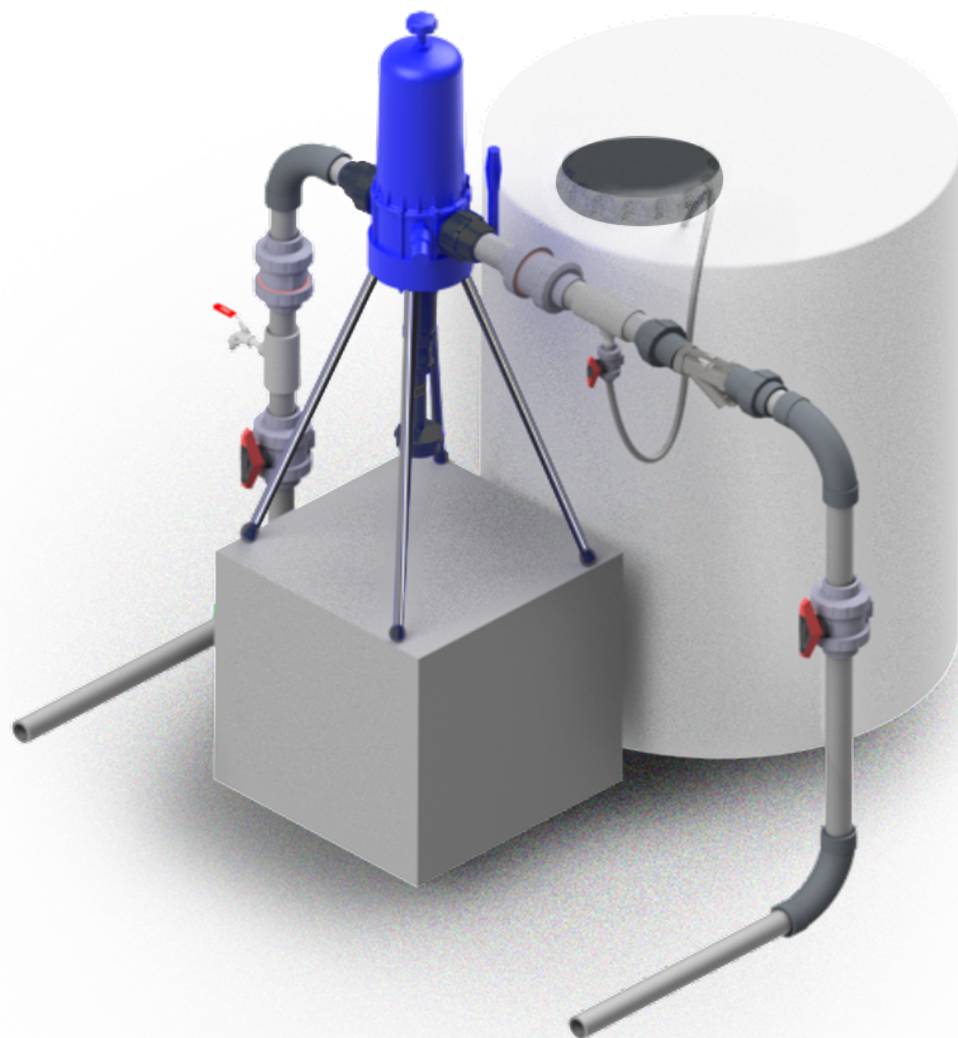


● «Example: for an average flow rate of 2300l/h and an autonomy of 10 days, the volume of your tank will be 250 L for the GRAVIKIT 8D50»



Installation of a GRAVIKIT 8D50 in the Cévennes France - GRAVIWATER ©

GRAVIKIT 20D63



The GRAVIKIT 20D63 treats flows up to 19 m³/h

This kit contains a 20D hydropump capable of dosing, calcium hydrochlorite without electricity.

Applications:

- Drinking water disinfection (International)
- Disinfection of process water

This GRAVIKIT contains:

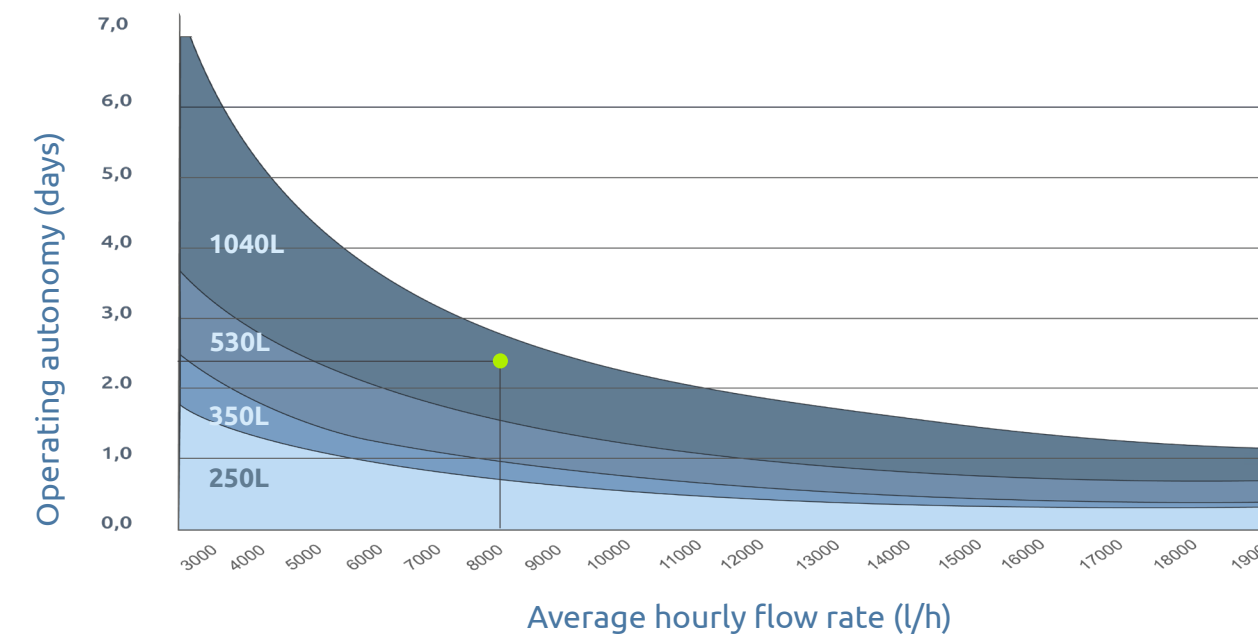
- The hydraulic dosing pump
- Hydraulic accessories
- The dosing tank

Technical specifications:

Motor flow rate	3m ³ /h - 19 m ³ /h
Nominal pressure	From 1 bar to 10 bars
Standard dosage	0,2%
Connection diameter	DN 50

Calculation chart for disinfectant solutions tanks

(For a treatment rate of 0,3mg/L of active chlorine dosing screw at 0,2%)

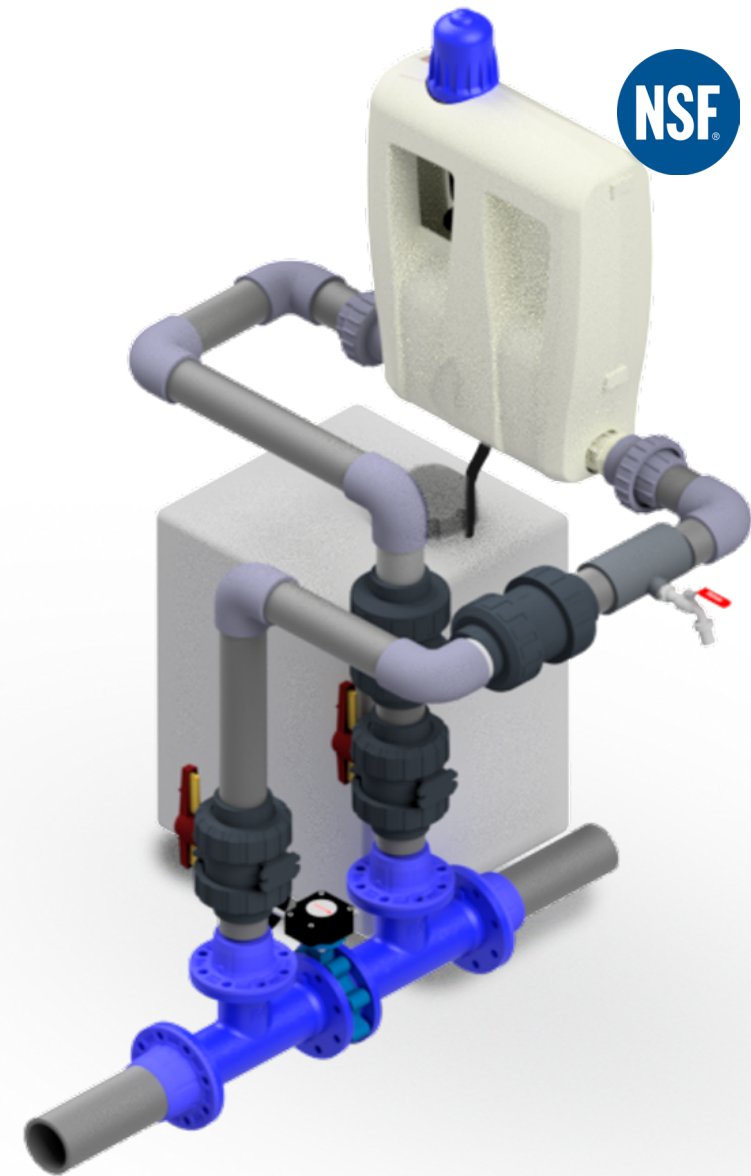


● «Example: for an average flow rate of 8000l/h and an autonomy of 10 days, the volume of your tank will be 1040 L for the GRAVIKIT 20D63»



Installation of a GRAVIKIT kit - Africa
Graviwater©

GRAVIKIT 30D90



The GRAVIKIT 30D90 treats flows up from 8 m³/h to 28 m³/h

This kit contains a 30D hydropump capable of dosing, calcium hydrochlorite without electricity.

Applications:

- Drinking water disinfection
- Disinfection of process water

This GRAVIKIT contains:

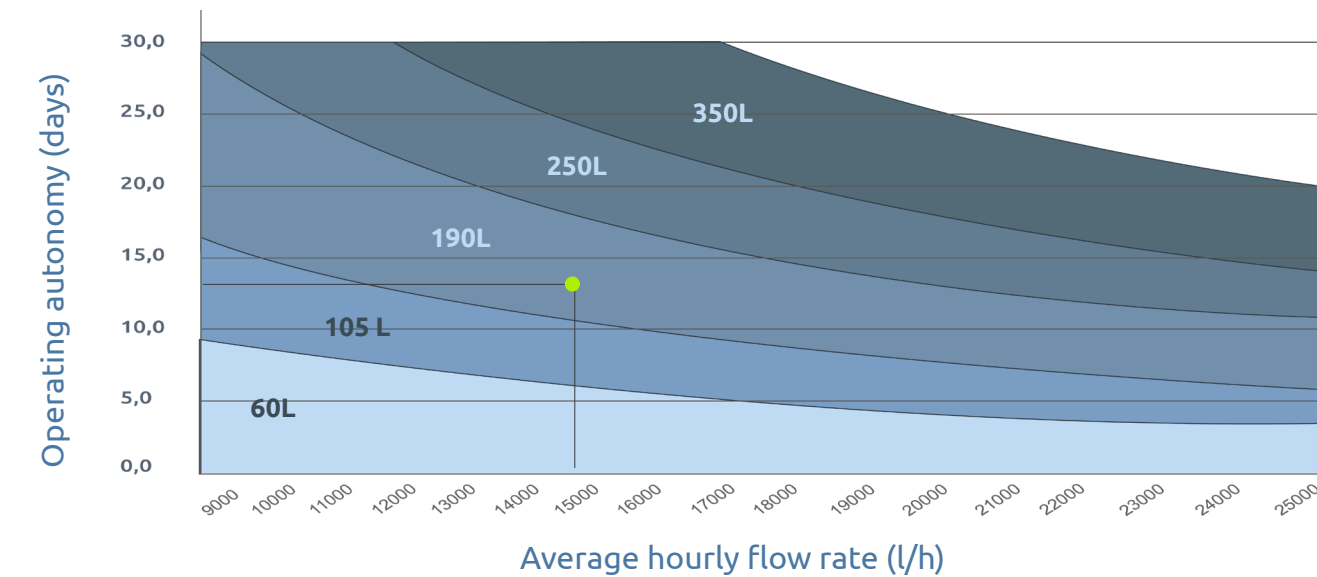
- The hydraulic dosing pump
- Hydraulic accessories
- The dosing tank

Technical specifications:

Motor flow rate	8m ³ /h - 28 m ³ /h
Nominal pressure	From 1 bar to 6 bars
Standard dosage	0,003% - 0,5%
CALC Option	Hard water
Connection diameter	DN 80

Calculation chart for disinfectant solutions tanks

(For a treatment rate of 0,3mg/L of active chlorine dosing screw at 0,003%)



● «Example: for an average flow rate of 15000l/h and an autonomy of 13 days, the volume of your tank will be 190L for the GRAVIKIT 30D90»



Installation of a GRAVIKIT 30D90 kit in Vergezac - France Graviwater ©.

References in France and International



Design and supply of a **Gravitik 3D25** for a disinfection of a military source in Piène Haute France

Design of the Gravitik 3D25, supply, installation, commissioning, operator training, supply of spare parts. Maintenance contract



Design and supply of a **Gravitik 8D50** for a disinfection at Libre in France.

Design of the Gravitik 8D50, supply, installation, commissioning, operator training, supply of spare parts. Maintenance contract



Design and supply of a **Gravitik 20D63** kit for water disinfection in Africa (Village water project)

Design of the Gravitik 20D63, procurement installation, commissioning, operator training.



Design and supply of a **Gravitik 30D90** for the disinfection of a spring in Vergezac (43) France

Design of the Gravitik 30D50, supply, installation, commissioning, operator training, supply of spare parts. Maintenance contract



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Fill out the sizing form and receive your personalized quote!





Do you need help ?
Let's discuss your project
together !

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