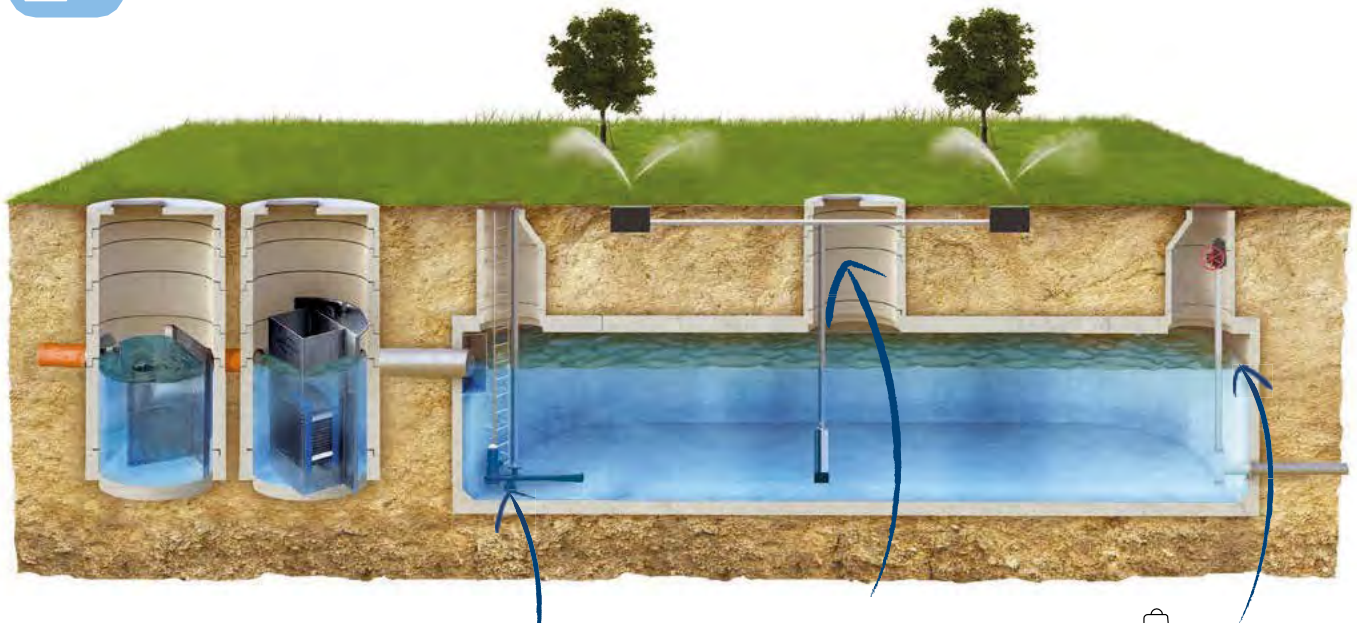




WATERING MODULE

Use of water for watering greenery

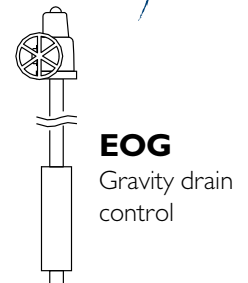
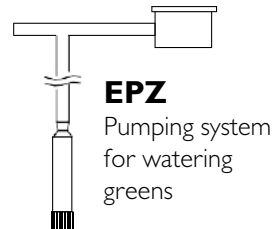
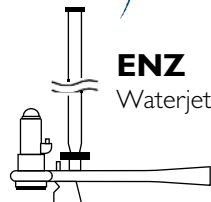


HYDROZONE BENEFIT



KRAJOWA
OCENA
TECHNICZA*

* refers to the pretreatment equipment and the tank body



No	Type	Watered area size [m2]:	No. of watering zones
1	EPZ400	0 - 400	4
2	EPZ800	401 - 800	8
3	EPZ1200	801 -1200	12

Description:

Rainwater collected in the retention tank can be used to water greenery in gardens and parks. The watering of greenery is carried out through an automatic irrigation system using drip lines.

The irrigation system is powered by a submersible pump located directly in the retention chamber. It consists of hydraulic-mechanical equipment, consisting of a discharge pipe and shut-off and return fittings (non-return valve, gate valve). A filter system and a distributor are installed on the discharge pipeline in a separate chamber to feed the individual irrigation zones. Control of the flow and its distribution to the individual irrigation lines is carried out by means of electro-valves on each line. The control unit is used for automatic pump and irrigation system control, as well as fault signalling.

Technical parameters of the irrigation system:

- Pumping system located inside the storage tank
- Chambers with filtration and control systems
- Drip irrigation system

The watering system for green areas has the possibility of local and remote control of watering time and duration separately for each zone. The number of zones depends on the size of the area to be irrigated and the type and method of watering.

The chamber with the filtration and control system is built in behind the retention tank.

Considering the size of the area and the diversity of its zoning, it is divided into zones where the irrigation of each zone is triggered independently.

Due to the variability of rainwater parameters as well as the degree and type of pollutants depending on the catchment area from which rainwater is collected, it is possible to use a rainwater treatment system.

The treated water is not potable water. This is indicated both in the manual and graphically directly on the point of use.