



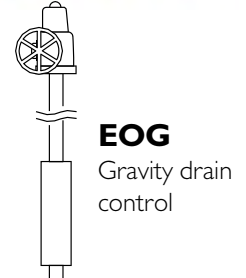
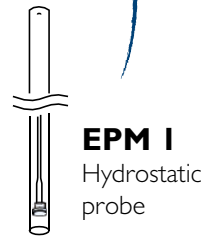
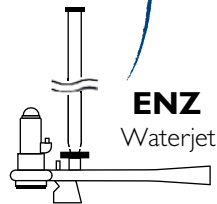
WATER REFRESHMENT MODULE

Refreshing the water held in the retention tank




HYDROZONE BENEFIT

 **KRAJOWA OCENA TECHNICZA***
*refers to the pretreatment equipment and the tank body



No	Type	L tank [m]	Internal width of the tank [m]	Internal height of the tank [m]	Motor output P2 [kW]
1	ENZ-2-1	10	6	3	2,2
2	ENZ-3-1		8		3
3	ENZ-4-1	20	6	3	4
4	ENZ-3-2		8		6
5	ENZ-3-2	30	6	3	6
6	ENZ-4-2		8		8
7	ENZ-4-2	40	6	3	8
8	ENZ-4-3		8		12
9	ENZ-4-3	50	6	3	12
10	ENZ-4-4		8		16

* water refreshing system for tanks with other parameters available on request

Description:

Aeration nozzles can be used to refresh (aerate) the medium, kept in the retention chamber for an extended period of time. By creating a strong stream of a mixture of liquid and air bubbles, the jets create particularly favourable conditions for oxygen transfer and prevent sedimentation.

The waterjet consists of a feed pump, a main column with control and monitoring devices and an outlet pipe.

The base of the injector is fixed to the bottom and the pump is lowered along guides into the operating position. A manhole cover is located above the pump.

Moisture sensor is built into the motor compartment of the pump, together with thermal sensors on each phase of the motor winding, the so-called safety circuit 1-2, which is led out in the pump cable.

To ensure longevity and low maintenance costs, the system (with the exception of the feed pump and fittings) must be made entirely of corrosion-resistant material - stainless steel and resin composite components.

The number of waterjets is designed taking into account the dimensions of the retention chamber.