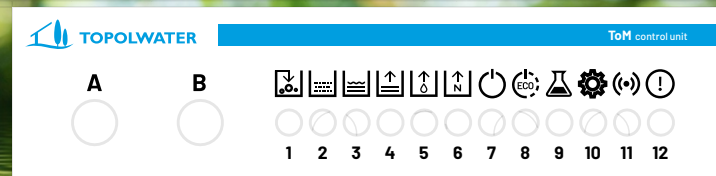


GSM MODULE



CONTROL UNIT WITH WIFI CONNECTION

The electronics of the control unit is equipped with a WiFi connection which allows the WWTP to be fully controlled. WiFi connection creates its own wireless network (AP mode). By connecting to this network the web pages of the control unit can be viewed using a web browser. Optionally, the control unit can be equipped with a GSM module that can receive and send SMS messages.



DESCRIPTION OF GSM MODULE

The GSM module (GSM) is an additional equipment of the TOPAS WWTP which ensures communication between the WWTP and its operation via SMS messages. The module contains backup lithium non-rechargeable batteries 2x1.5V size AA. The battery is used to maintain the power supply of the GSM module for sending an information SMS message about a power failure (indicators, relays and WiFi are not backed up). The module does not require the presence of backup batteries for its function.

The basic data sent and transmitted by the control unit include data on the current, maximum and average flow, the total amount of treated water, the current WWTP output in%, current water levels, possible faults, chemical consumption and the overall current WWTP settings.



TECHNICAL PARAMETERS

Power voltage	230 V
Frequency	50 Hz
Power consum. of the unit	6W max.
Total switching power	700VA max.
Electrical protection	IP 66
Class of protection	II



WWTP MONITORING

If the control unit is equipped with a GSM module it is possible to conclude a monitoring contract with the owner of the treatment plant. This is a remote support at the initiative of the WWTP owner which will allow automatic reception of error messages, information about the status and operation of the WWTP and will allow changes to the settings of basic parameters.