

A-module of synergetic water treatment Aqua-U-Synergy.163-A, which consist of installed in series a water supply pipeline for cleaning, sorption reactor-mixer with input bioreagent-sorbent device and aeration-stirring system, water purifier, complex of helio- bioplato structures with higher water plants macrophytes, filtration unit, separate water disinfection unit, reservoir with clean water, purified water outlet pipeline, sorption reactor-mixer and water purifier hydraulically connected to the recirculating-regenerative bioreagents-sorbent system, which consists of a circulating unit and mixer of bioreagent-sorbent with AQUA-10 fine suspension, which contains a bacterial drug type TM "Microzim" and/or TM "Baikal, and/or TM" Tamyр ", and/or regenerated active or natural mineral clinoptilolite, and/or milled brucite type TM "Akvmah", at the same time complex of helio- bioplato structures is designed as a autonomous phytoblock-box, either partially or completely filled with loose mineral loading, which planted by higher aquatic plants macrophytes and/or floating higher aquatic plants macrophytes such as eichhornia (*Eichhornia crassipes*), moreover, the filter unit includes an isolated section of the preliminary soil-filter water purification, disposed within a filtration mound, filled with granular filter loading and and where is the individual injection and intake water drainage wells and/or catchments, are diametrically separated each other, herewith the filtration unit is equipped with disinfecting agent input system and includes ozone mix-generating unit and/or a device for silver electroionization. The helio-bioplato with higher water plants macrophytes, as well as a separate section of soil pre-filtration water treatment are placed on the equipped with anchorages floating pontoons and/or tank barge, in separate watertight antifiltering membranes, inside the filter mound and filled with zeolite-quartzite and / or sand and gravel filtering loading, which is activated by bioregenerator type TM "Oksydol" and/or bacterial drug TM "Microzim".