

ABSTRACT

The invention relates to a water treatment method comprising a step of injecting ozone by a Venturi effect into the water to be treated, immediately followed by a step of ozone saturation of the water to be treated, a step of bringing the ozonated water to be treated into a reactor comprising a fluidised bed of activated carbon particles, a step of placing the ozonated water to be treated in contact with the activated carbon particles according to a flow of water ascending in the reactor, a step of discharging the water treated in this way. The invention also relates to a facility comprising an activated carbon reactor, means for bringing the water to be treated into the reactor, means for discharging the treated water, a means for injecting ozone into the water by a Venturi effect and a means for saturating the water with ozone mounted directly, or as a bypass, on the means for bringing water into the reactor.

Figure for the abstract: [Fig. 2]