

Innovation WATERTECH 2011

Supply of domestic installations in pure water

PLUVIOTECH is an automatic, 100% ecological and purely physical treatment that does not generate no byproduct, it can treat rainwater in domestic installations.

Principle:

The pores of the "hollow fiber membranes" of the PLUVIOTECH are of a size of 0.01μ or 10,000 times finer than a human hair. The suspended solids, microorganisms and viruses are perfectly retained on the outer surface of the fibers. The substances are captured by the membrane and discharged to the sewer periodically by a retro wash programmed by the automaton.

Operation:

The PLUVIOTECH is both connected to the mains water and the rainwater supply. The PLUVIOTECH treats a reserve of 180 liters to meet

immediately on demand pure water.

The automat gives priority to the rainwater: it directs it towards a filter (50μ with manual rinsing) then towards a treatment activated carbon 25μ and finally towards its ultrafiltration membrane. In the event of a shortage, the PLUVIOTECH automatically feeds itself with mains water.

To summarize :

The PLUVIOTECH succeeds in a bold move, in a minimum of space, to reduce our ecological footprint on the planet and reduce our water bill.

