DIOX[®] Water Hygiene

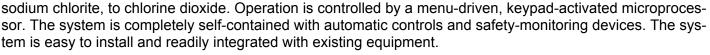
Complete System for Generation and Feed Of Chlorine Dioxide (CIO₂) For Water Disinfection

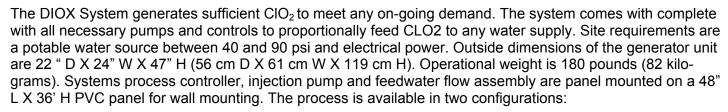
The DIOX System is a new, self-contained generator that provides for the safe, continuous production of the highly effective biocide: chlorine dioxide (CIO₂). The DIOX System brings economical CIO₂ to a large group of new users for whom the high cost and complexity of generating equipment has been prohibitive.

 CIO_2 is a stable, dissolved gas that is a strong bactericide and virucide at concentrations as low as 0.1 ppm in water. With minimal contact time, it is highly effective against pathogenic organisms such as Legionella, Giardia cysts, E. coli, and Cryptosporidium. CIO_2 destroys biofilms and significantly impedes bacterial regrowth. It is a neutral species and does not form weak acids (e.g. chlorine and bromine). Therefore, it is effective over a wide pH range.

CIO₂ is approved and recommended by the U. S. Environmental Protection Agency as a safe an environmentally friendly drinking water disinfectant to replace chlorine (which forms carcinogenic byproducts).

The DIOX System is new technology based on a patented, electrolytic cell. The cell directly oxidizes a single precursor,





The DIOX System 1000 runs on 110/230 volts, 50/60 Hz and 15 amperes. The DIOX System 2000 runs on 240 volts, 50/60 Hz and 20 amperes. The total power consumption is between 200 and 2000 watts, depending on the size of the system.



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