

APPARATUS FOR GENERATING ULTRAFINE BUBBLES OF MOLECULAR HYDROGEN IN WATER

ABSTRACT

An apparatus configured to generate generating water comprising nano bubbles of molecular hydrogen on demand. The apparatus is connected to a water supply with a valve and comprises a pump which supplies pressurized water to a venturi gas liquid mixer that also receives a supply of Hydrogen gas. The mixed hydrogen gas/water steam is provided to a nano bubble generating apparatus that uses cavitation to generate nano bubbles of Hydrogen in the water. The Hydrogen nano bubbles have diameters of less than 200nm and a concentration of up to 1.2ppm. Further the concentration remains with 85% of the output concentration for at least 12 hours.

Figure 1