

# HKE Hexagonal Water Generating Tube for Livestock Drinking Water

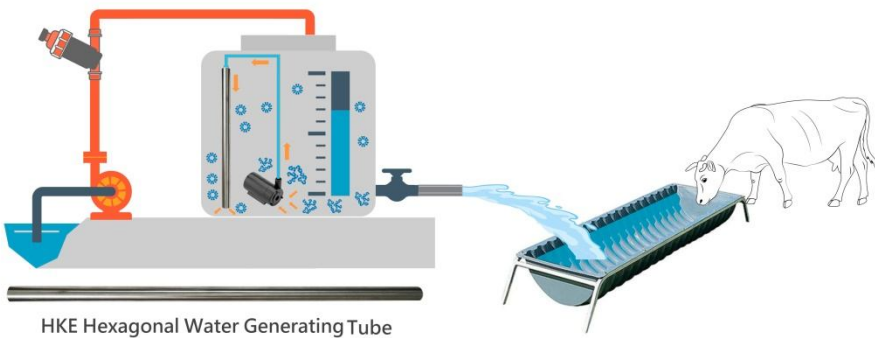


Water to livestock and poultry is an important but often overlooked, nutrient. Water is required for the regulation of body temperature, growth, reproduction, lactation, digestion, lubrication of joints, and eyesight. The majority of water consumed by dairy cattle for example is consumed by drinking, with the remaining water coming from feedstuffs. Water quality, therefore, is a critical nutrient for livestock and poultry.

Although there is scant research data on the economic effects of water quality on livestock performance, logic tells us that farm

water supplies, either surface or ground, should be protected against contamination from microorganisms, chemicals and other pollutants. Proper installation of the water or tank base will prevent fecal contamination of water.

## HKE Resonant Technology Applied to Livestock Drinking Water



### How to use

The livestock drinking water stored in the stainless steel water tank is injected into the tube through the pump. **Within 2 hours of circulating resonance (10 tons)**, the water in entire stainless steel tank will become hexagonal ring-like cluster water with higher proportion.

Hexagonal water is very suitable for livestock drinking water because it has the same energy and vitality as melted snow water from the Alps or the Caucasus, the highest concentration of natural hexagonal water known. The water molecules treated by an HKE Hexagonal Water Generating Tube are cracked into very small water molecule clusters. Each molecule cluster is made up of an average of six symmetrically organized molecules, also recognized by cells as "bio-friendly". The water's NMR half-width is less than 70Hz.

The HKE hexagonal water for livestock drinking water has the following superior characteristics:

## High Dissolved Oxygen

The physically dissolved oxygen is 5-8ppm/molecular group, which can be regarded as the real high dissolved oxygen small molecule water. It can suppress anaerobic bacteria like coliform bacteria and anaerobic viruses to survive in the water. At the same time, it can also improve the animal's immunity.



## Low Isobaric Pressure (High Penetration)

The animal cell membrane is very tight and protective. For water to freely shuttle through the cell membrane, the isobaric pressure must be lower than that of the cell membrane, so that it can help transport nutrients and eliminate waste and toxins.

## Strong Kinetic Energy

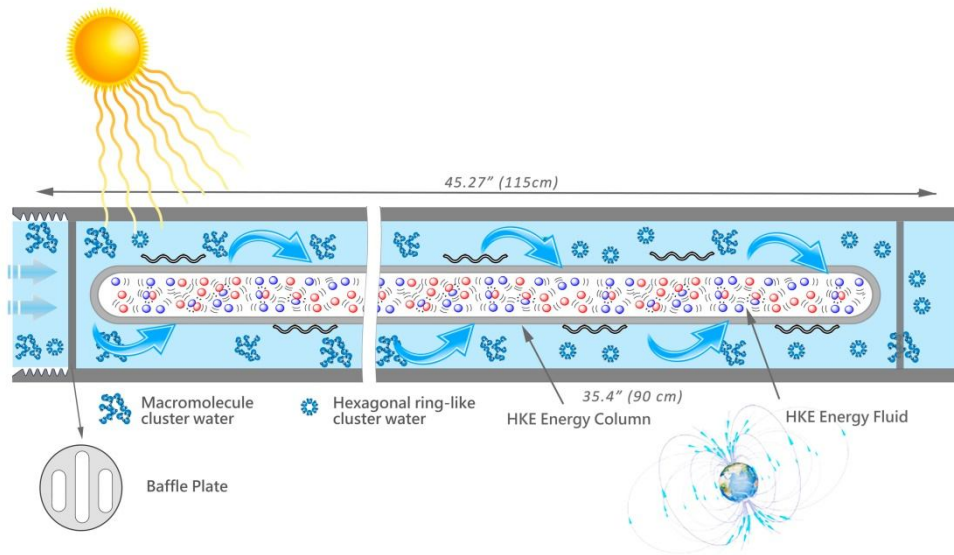
It can quickly reach the nucleus through the cell membrane and help the information transfer and communicate within cells. It can also promote cell activation and proliferation, and accelerate metabolism.

## The Advantages of Drinking Hexagonal Water for Livestock and Poultry

- Better hydration, reduced water consumption
- Prevention of animal diseases caused by contaminated water.
- The better metabolization of feeds with its conversion into meat.
- Better withstand temperature extremes.
- By using HKE hexagonal water with evaporative cooling pads or misting systems to reduce ambient air temperature, optimizing facility wash down and sanitation functions.
- Reduce calf mortality.
- Milk production and the quality of dairy livestock are improved.
- Less use of antibiotics.
- Smell reduction in manure.
- Higher efficiency in animal waste treatment; waste converts in to bio-fertilizer.
- Anaerobic processes in liquid manure are changed in to aerobic.

## HKE Resonant Technology in Hexagonal Water Generating Tube

The body of the hexagonal water generation tube and the energy column are made of stainless steel 316L. Through the special design of the water inlet (baffle plate), the large amount of water can generate Vortex flow to quickly comprehensive resonance of the water. The built-in movable energy column is impacted by a large amount of water to simulate the natural disturbance of water to continuously collide with streams and stones which break the hydrogen bonds of the water.




Furthermore, the energy column, full of energy fluid inside is non-magnetized and non-wave energy, which can effectively receive the far-infrared emissivity of the sun and the gravitational force of the earth's rotating magnetic field. Under the influence of spontaneous rotation, physical resonance occurs so that the water molecule clusters are effectively cracked down into small molecular clusters.

### The main competitive advantages of HKE Resonance Technology

- No need to be powered, heated, condensed, gasified or added any additives during the whole process of generating hexagonal water.
- The physical resonance effect of the hexagonal water generating tube for livestock drinking water is more than 10 years.
- The hexagonal water produced is long-lasting and can last for more than 72 hours.
- The water's NMR half-width is less than 70Hz, which is better than that of longevity villages around the world. (The NMR half-width average data of longevity village water is 90Hz).
- Passed SGS non-radioactive contamination test.

### Mechanical Specification

Material	316L Stainless steel, Medical grade			 <p>Fitting as optional</p>
Flow Rate	LPM	1.5 Seconds	44 L/min.	
Tube Length	45.27"/ 1150 mm			
Diameter (Outer)/( Inner)	1.65"/ 42mm	1.5"/ 38.6 mm (1.2" female thread)		
Weight	131.6 Oz / 3.7 kgs (N. W.)			
Half-life Period	10 years			
SGS Non-Radioactive Contamination Test	Compliant with Non-Radioactive Contamination at International level			

