

# EMOH™ FOR Poultry

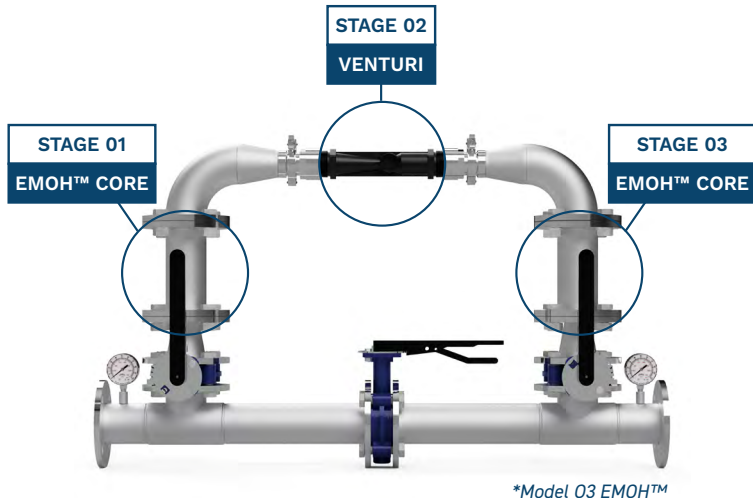
## WHAT IS EMOH™?

**E**lectron  
**M**agnetic  
**O**xxygen  
**H**ydrogen

EMOH™ is Aequion's proprietary water system. It is comprised of dual treatment chambers (EMOH™ Cores) and a specialized venturi. Each chamber applies a powerful magnetic field that diminishes hydrogen-bonding energy while increasing the rate of ion exchange, allowing the formation of monomeric water molecules with greatly improved mobility. The venturi effectively increases dissolved oxygen levels.

No chemical additives are ever used nor necessary.

## IMPROVE FEED CONVERSION



\*Model 03 EMOH™



### STAGE 01

Water passes through the first of two EMOH™ Core chambers. It is here that clustered H<sub>2</sub>O molecules are broken down, magnetically-charged and reoriented.

### STAGE 02

Water continues through a critical-orifice venturi. Under vacuum, ambient air is introduced into the system creating nanobubbles of dissolved oxygen.

### STAGE 03

Water reaches the second EMOH™ Core and final stage of the EMOH™ process. Extended core exposure induces an equilibrium between monomer H<sub>2</sub>O molecules and oxygen-infused nanobubbles.

## THE POWER OF EMOH™ TECHNOLOGY

- Reduces feed requirement by up to 1/2 lb per bird
- Improves feed conversion ratio (FCR)
- Boosts digestive efficiency and immune response
- Increases bird weight by as much as 1/4 lb per bird
- Enhances egg production, yolk and eggshell quality
- Reduces mineral scaling and corrosion in drinking water systems
- Decreases equipment and maintenance costs
- Saves money



## MAXIMIZING HEALTH, PERFORMANCE AND PRODUCTIVITY

EMOH™ technology has been proven to positively affect size and weight, feed intake and feed conversion (FCR) in birds – this applies to all male and female varieties of egg-producing, broiler and breeding chickens as well as turkeys. Birds drink less water, consume less feed and can experience greater weight gain on account of improved hydration, nutrient absorption and the impact of greater oxygen intake.

The benefits of dissolved oxygen when consumed by plant, human and/or various other living organisms are well-documented. In the case of poultry, consuming higher concentrations of dissolved oxygen lead to an enhanced rate of oxygen-absorption, which increases key processes like glycolysis and mitochondrial protein synthesis that accelerate muscle development.

Additionally, birds that have been fed EMOH-treated water have shown higher ratios of muscle (meat) to fat.

Triglycerides, total cholesterol and low-density lipoprotein (LDL) cholesterol have shown reductions from EMOH™ technology.

EMOH-treated water improves digestion and immune function. By strengthening the ability of chickens and turkeys to process pollutants and fight infection, EMOH™ systems effectively minimize flock mortality and sick cases.

Another benefit of EMOH™ technology is improved egg quality; hens lay eggs with larger yolks and more robust shells.

## SAVING ON EQUIPMENT AND MAINTENANCE COSTS

EMOH™ systems remove existing scale deposits, break down insoluble salts and prevent future clogging. This is in part due to trace amounts of naturally-occurring hydrogen peroxide.

EMOH™ technology has been proven to extend the lifetime of critical equipment and water lines across a variety of industries.

## STRONG RETURN ON INVESTMENT (ROI)

Less water and less feed translates to substantial savings for poultry producers. By boosting critical nutrient intake, EMOH™ reduces the amount of supplementation needed to maintain health and performance. Better immune response equates to lower mortality rates and fewer incidences of illness. The occurrence of egg losses from breakage and bacterial contamination decreases with stronger eggshells from hens fed EMOH-treated water.

For these reasons, paired with the savings already on equipment and maintenance, poultry producers may rest assured that EMOH™ will save them time and money.

## AEQUION SERVICES



Evaluation, Design  
And Engineering



Lab Analysis



Maintenance  
And Repair



Remote Monitoring

## MANUFACTURER'S WARRANTY



Aequion provides customers a two-year manufacturer's warranty on all of its products.

## SPEAK TO AN AEQUION TEAM MEMBER TODAY

We are here to help:

*Mon-Fri 8-5 PM (PT)*

**+1 (800) 385-0713**  
**info@aequion.com**

Aequion's water experts are dedicated to answering questions and providing an overall positive support experience.

