BlueSense™ engineered dedicated solutions for animal drinking water.

BlueSense™ technology is based on patented solutions, producing disinfecting agents by converting chloride ions naturally present in the water into powerful disinfectants, either hypochlorous acid or chlorine dioxide.

Improperly treated water in the agroindustry leads to many issues for farmers such as animal illness and increased mortality, frequent cleaning operations (i.e.: sheds, networks...) and potential animal quarantine. It can also lead to less water intake by the animals, limiting the volume of milk produced by a cow, for example.

The impact can be huge, with a rise in costs incurred, increased water consumption for the exploitation and significant loss of yield.

BlueSense™ main advantages:

- Quick installation - easy retrofitting
- Production of chlorine residual to treat the entire network
- Low maintenance
- No chemicals – automatic system
- No specific skill required
- Low expenditures
- Less antibiotics (better hygiene, reduces diarrhea, ...)
- Less loss, healthier animals > higher weight of meat per head
- Existing references (poultry and milking cows)
De Boer Poultry Farm
Drachtstercompagnie, Friesland, The Netherlands
Mezutec Distribution for BlueSense™

The farm has 75,000 “Ster kuikens” (= high quality label chickens in The Netherlands) under 3 sheds.

The animals arrive as day-old chicks and are commercialized on the Dutch domestic market after 56 days.

Drinking water comes from a 80 meters deep well and is softened and disinfected before being distributed. Average daily consumption varies from 20,000 litres to 25,000 litres a day along the poultry growth cycle.

Out of 3 livestock buildings, one was equipped with OXAQUA 1, and the other 2 were not. Being “plug and play”, our material was easily retrofitted downstream the existing line.

Microbiological analysis of the water fed to the chicken, treated by BlueSense™ equipment, shows significant improvement compared to the unequipped lines:

- Drinking water line equipped with OXAQUA 1: 10 to 20 CFU/ml
- Untreated lines: from 1,000 to 3,000 CFU/ml

Water being one of the key vectors for illnesses, using BlueSense™ OXAQUA unit will result in less consumption of antibiotics, healthier poultries and a better yield per batch is expected.

“Well-purified water is vitally important to our business, my savings on tap water is an important reason for me to use my own spring water”, explains the grower. “It is very important that we can be confident that the treatment is 100% guaranteed... The personal approach and the tailor-made solutions fit in perfectly with our way of working, so the choice was made quickly”.

Installation principle :