

AFEC

ANTI-FOAMING ENERGY CONSERVATION SYSTEM

By detecting and eliminating foam, the patented AFEC System maximizes energy efficiency, reduces water usage, and minimizes down time, ensuring optimal humidifier operation and lower operating costs.

Increased Energy Efficiency ✓

Avoid Wasting Water and Energy



The AFEC system drains water only when necessary, saving water and energy by avoiding the practice of continuous bleeding or skimming used by other manufacturers.

Drain When Foam is Detected



The foam sensor, located in the evaporation chamber, safely drains the chamber whenever foam is detected.

Reduced Operating Costs ✓

Optimal Steam Production



By draining the evaporation chamber only if necessary, hot water is not wasted and as a result, the humidifier's operating costs are reduced.

Enhanced Automation



The sensors communicate with the humidifier controller to optimize automation, resulting in a better user experience.

Increased Safety ✓

Fast Acting Temperature Sensor



The electronic high limit temperature sensor is located in proximity to the heating elements, ensuring a fast response time in an emergency situation.

Advanced Water Level Detection



High precision water level sensor accurately differentiates foam from water and ensures that the heating elements only work in water to prevent the risk of damage to the elements.

