

FLOWMARK

MARK-II-CT INDUSTRIAL ELECTRONIC WATER TREATMENT

EPA Est.#: 92852-FL-1

Electronic Cooling Tower Water Treatment

- ◆ Normally Eliminates Chemical Treatment
- ◆ Prevents Scale Deposits from Forming
- ◆ Maintains Low Bacteria Count
- ◆ Eliminates Biofilm
- ◆ Saves Water through Higher Cycles of Concentration
- ◆ Maintains and Restores Heat Transfer Efficiency
- ◆ Lowers Maintenance, Energy and Water Cost

FlowMark Features

- ◆ Treats 2" - 3" Diameter Steel, S.S. and PVC Pipes
- ◆ Non-Intrusive Installation - No Pipes to Cut
- ◆ Weatherproof Nema-4X Controller & Connections
- ◆ Accepts 100 to 240 VAC at 50-60 Hz
- ◆ Draws 20 - 40 Watts of Power - Energy Efficient
- ◆ Proudly Made in the USA - 20 Year Life Expectancy



Nema 4X

FLOWMARK MODEL MARK-II-CT

FlowMark Technology Overview

The FlowMark Water Treatment System is an electronic, non-invasive device that applies powerful energy pulses through the pipe which alters the normal scaling behavior of hard water.

The FlowMark signal promotes the formation of calcium carbonate seed crystals in the cooling water. The newly formed seed crystal become the preferred sites for scale to form which prevents scaling of heat transfer surfaces.

Bacteria become encapsulated within the growing crystals, preventing reproduction and limiting the total plate count to a safe operating range.

Providing sufficient calcium is present in the make-up water corrosion of metal surfaces is controlled by operating the system above saturation, creating a non-corrosive environment. Analysis of start-up corrosion coupons will determine if supplemental corrosion inhibitors are required.



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