



Innovative Solutions

The HandiChem Solid Water Treatment Systems is an innovative solution for providing the chemistry that cooling towers, closed systems, and steam boilers require for reliable and efficient operation. The HandiChem System provides the proven results of high-performance liquid treatment programs, but in a form factor that is easier to handle, safer, and more sustainable.

Proven Technology

With the HandiChem System, chemicals are provided as HandiPak® solid concentrates in block or one-gallon recyclable bottles rather than liquid in drums.

State-of-the-art technology is used to manufacture HandiPak solids that provide the same chemistry as liquid water treatment formulations, but with the benefits of a compact concentrate.

HandiFeed Dissolving Feeders make chemical feed solution on-demand by spraying water at a constant pressure onto the HandiPak solid.

The feed solution is pumped from the reservoir into the system, just like with liquids. When the reservoir level is low, the valve opens to dissolve more chemical. When the reservoir level is full, the water flow is stopped.

Operational and Environmental Benefits



Chemical drums replaced with solid concentrates



Eliminates drum storage



Takes up less space



Reduces employee material handling concerns



Easier delivery and installation



Reduces greenhouse gas emissions



Reduces spill and splash concerns versus liquids



Eliminates drum disposal concerns



Solid vs. Liquid Chemicals

The HandiChem Solid Water Treatment System was developed to address the handling, safety, and environmental concerns associated with using liquid chemicals in pails or drums.

- Less risk of workplace injuries associated with drum handling, spills, and splashes
- Smaller footprint simplifies transportation, storage, and installation in tight spaces
- Ideal for hard to access systems that require delivery up stairs or through office spaces
- Reduces packaging requirements, landfill waste, and transportation related greenhouse gas emissions



One 44 lb. Case HandiPak Cooling Tower Inhibitor



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One 30 gal. Drum Liquid Cooling Tower inhibitor



Resourcefully Green®

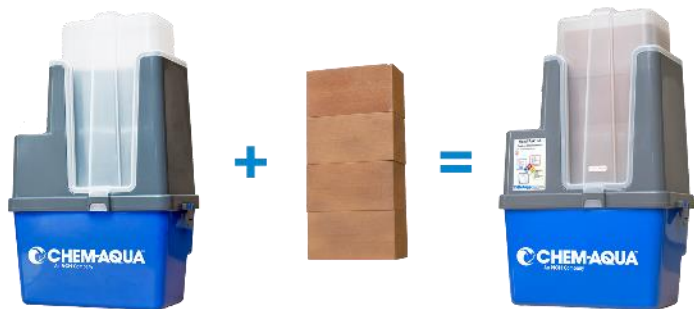
HandiChem Solid System provides key operational, safety, and environmental benefits that help meet corporate sustainability objectives.

HandiFeed® Dissolving Feeders

Ultra-B

Uses stackable solid concentrate blocks to increase feeder capacity and enable uninterrupted feed.

- Feeder holds up to four Handipak® blocks
- Feed solution is made on-demand by spraying water at a constant pressure onto the block
- As level inside the feeder drops, simply add more blocks as space permits



HandiFeed Solid Feeder

HandiPak Solid Blocks

HandiChem Solid System

Ultra-M

Uses solid concentrates in one-gallon recyclable bottles to replace drums or pails of liquid chemicals.

- Feeder holds one Handipak bottle
- Feed solution is made on-demand by spraying at a constant pressure into the bottle
- As the solid in the bottle dissolves, simply replace the empty bottle with a full bottle of concentrate



HandiFeed Solid Feeder

HandiPak Solid Bottle

HandiChem Solid System