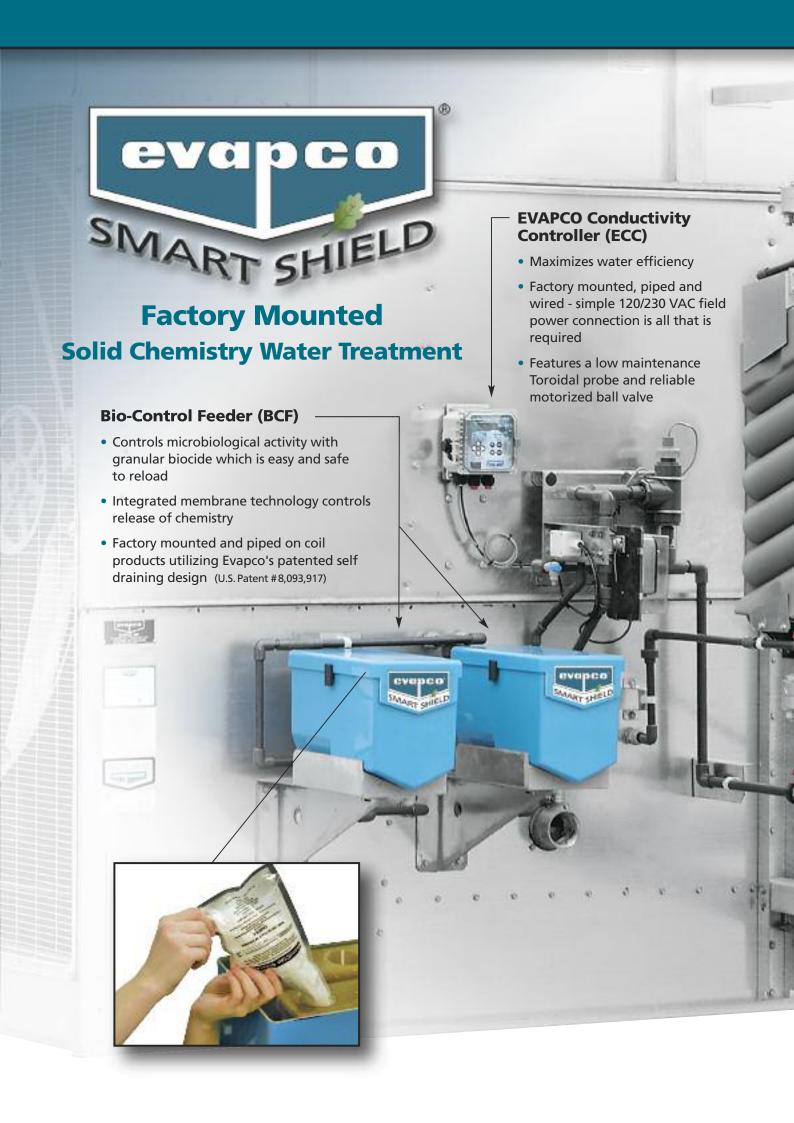


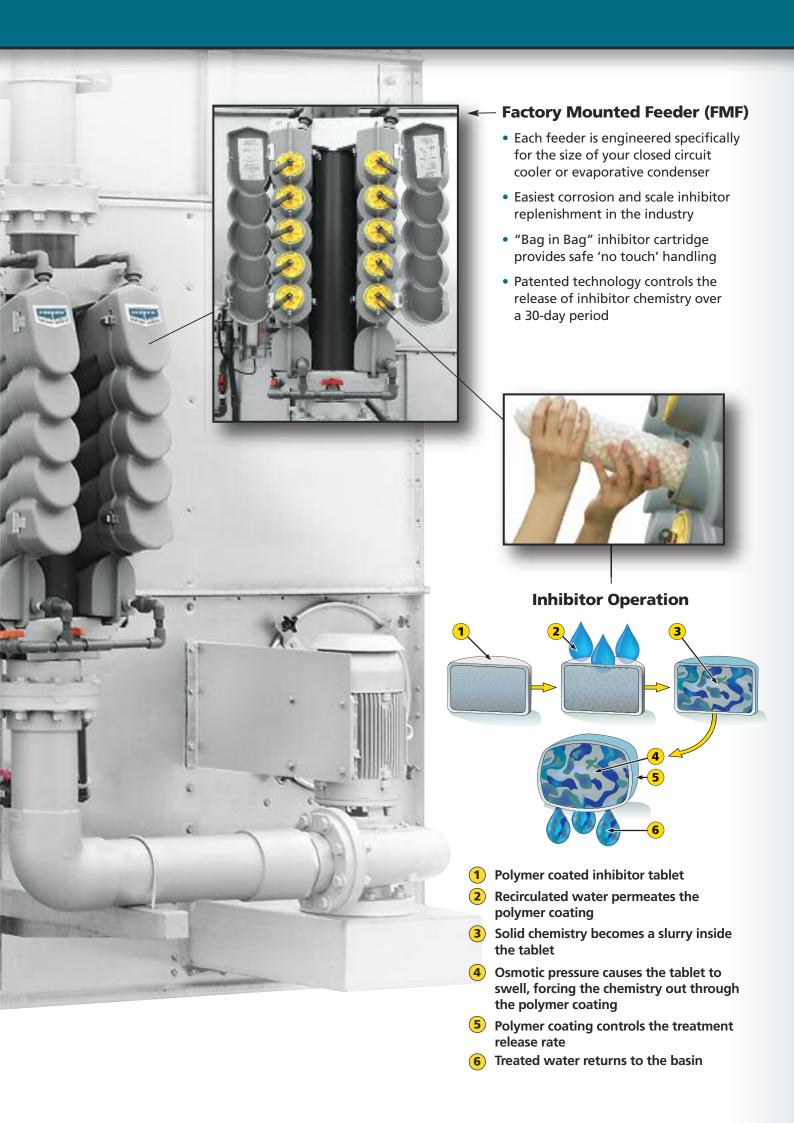
## Innovative Solid Chemistry Water Treatment System



### EASY....SAFE...SUSTAVIVABLE

EVAPCO® Smart Shield™...Water Treatment System Engineered for Closed Circuit Coolers and Evaporative Condensers!









ince its founding in 1976, EVAPCO®, Incorporated has become an industry leader in the engineering and manufacturing of quality heat transfer products around the world. EVAPCO's mission is to provide first class service and quality products for the following markets:

- Commercial HVAC
- Industrial Process
- Industrial Refrigeration
- Power
- District Energy

EVAPCO's powerful combination of financial strength and technical expertise has established the company as a recognized manufacturer of market-leading products on a worldwide basis. EVAPCO is also recognized for the superior technology of their environmentally friendly product innovations in sound reduction and water management.

EVAPCO is an employee owned company with a strong emphasis on research & development and modern manufacturing plants. EVAPCO has earned a reputation for technological innovation and superior product quality by featuring products that are designed to offer these operating advantages:

- Higher System Efficiency
- Environmentally Friendly
- Lower Annual Operating Costs
- Reliable, Simple Operation and Maintenance

With an ongoing commitment to Research & Development programs, EVAPCO provides the most advanced products in the industry – *Technology for the Future, Available* 

Technology for the Future, Available Today!

EVAPCO products are manufactured in 19 locations in 9 countries around the world and supplied through a sales network consisting of over 175 offices.

## EVAPCO Water Systems Engineering

The Wilson E. Bradley Global Research &

Development Center incorporates laboratories for
water analyses and state of the art environmentally
controlled testing. These laboratories provide unique
capabilities for advanced water systems research on
full-scale operating equipment.

This state of the art research and development center has over 60,000 square feet dedicated to full scale thermal analysis and product development.

EVAPCO's Smart Shield System was developed and tested utilizing these unique facilities.

Evapco's Water Systems division focuses on the application and ongoing development of water treatment systems as well as research on passivation, corrosion, and new materials. This division utilizes advanced technologies and equipment in the field of analytical chemistry, including Ion Chromatography and Atomic Absorption Spectroscopy, giving EVAPCO the ability to conduct fast and accurate analyses of both chemical and nonchemical water treatment systems.



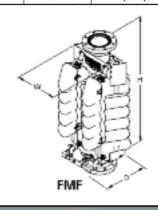


## Smart Shield Benefits

- Includes all the components required for an effective water treatment system, factory mounted and wired on Evapco closed circuit coolers and evaporative condensers.
- Controlled release chemistry provides uniform treatment over a 30 day period.
- Evapco Conductivity Controller automates the blowdown process maximizing water efficiency.
- Solid chemistry provides reduced packaging, shipping and handling compared to liquid products assuring a lower carbon footprint.
- Solid products <u>eliminate</u> the potential for liquid spills making them easier and safer to apply.

#### **Engineering Data**

Smart Shield Component		Dimensions in (mm)			Shipping Weight	Operating Weight	Blow Down Valve Size
		D	w	Н	lb. (kg)	lb. (kg)	in. (mm)
FMF	FMF-6	19 (480)	14 (360)	43 (1090)	49 (22)	116 (53)	3/4 (20)
	FMF-10	19 (480)	18 (460)	51 (1290)	95 (43)	185 (84)	1 (25)
BCF	BCF-10	17 (430)	9 (230)	12 (305)	30 (14)	34 (15)	n/a
	BCF-20	17 (430)	25 (630)	12 (305)	60 (27)	69 (31)	n/a





BCF-10



BCF-20

# Smart Shield... The Global Water Treatment System of the Future... Available Today!



Closed Circuit Cooler Baton Rouge, LA USA



Closed Circuit Cooler Bruges, Belgium



Closed Circuit Cooler Gainesville, FL USA



Closed Circuit Cooler Shanghai, China



Evaporative Condenser Birmingham, AL USA



Evaporative Condenser Miami, FL USA

The first and only solid chemistry water treatment system specifically engineered for closed circuit coolers and evaporative condensers!

Visit us on the web to learn more: www.smartshield.evapco.com

Contact your local EVAPCO Sales Representative or EVAPCO® Headquarters for more information.



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