

# ProMoss™



## Moss Based Treatment for Cooling Tower Systems

### Description

Sphagnum Moss has been conditioning and purifying water in nature for millennia. **ProMoss™** utilizes this sustainably harvested sphagnum moss to bring a unique biology and natural chemistry approach to treating cooling tower and evaporative condenser water systems.













### Application

**ProMoss™** naturally softens water by removing positively charged ions like calcium, iron, magnesium and zinc, providing inhibition against scale and removing existing deposition.



**ProMoss™** removes organic contamination and decreases corrosion from all surfaces the treated water contacts in the cooling tower system.

**ProMoss™** benefits include;

-  Removes positively charged metal ions
-  Reduces and inhibits scale formation
-  Reduces and inhibits corrosion
-  Inhibits and removes organic contamination
-  Effective against *Legionella* bacteria
-  Increase tower cycles – reduce water usage
-  Reduce or eliminate chemical usage
-  All natural “Green” program – LEED credits
-  Improved water quality, clarity & stability
-  Improved efficiency of heat transfer
-  NSF Approved (G5, G7)
-  Sustainable facility management practice

### Directions

No additional plumbing or change to the cooling tower water flow is required. **ProMoss™** is enclosed in a durable strainer bag containing “bricks” of **ProMoss™**, which are placed inside a containment chamber or a by-pass chamber (for larger systems). No metering pump is required for dosing this treatment.

The required dosage application of **ProMoss™** is proportional to the cooling tower make-up volume. **ProMoss™** is changed at regular intervals, usually monthly.



Containment Chamber      By-Pass Chamber

Daily Cooling Tower Make-up Volume	Monthly ProMoss™ Dosage Requirement
500 gal (1,892 litres)	<b>ProMoss™ 0.5</b>
1,000 gal (3,785 litres)	<b>ProMoss™ 1</b>
2,000 gal (7,570 litres)	<b>ProMoss™ 2</b>
3,000 gal (11,356 litres)	<b>ProMoss™ 3</b>
Over 3,000 gal	Combine bricks proportionally

**ProMoss™** is compatible with bio-dispersants and biocides which are recommended for an effective bacterial fouling inhibition program and for *Legionella* risk management.

### Safety Precautions

Please refer to the Safety Data Sheet which contains detailed information about this product and the recommended handling procedures.