



## Moss Briefs:

# ProMoss™ Technology For Closed Loop Applications

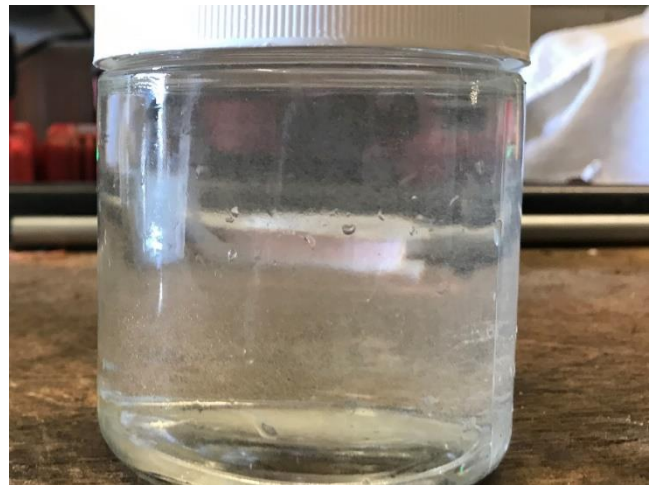
- Naturally softens water by removing positively charged ions like calcium, iron, magnesium and zinc
- Stabilizes water pH
- Removes organic contamination from all surfaces the ProMoss™ treated water touches
- Inhibits and removes scale
- Decreases corrosion on surfaces the ProMoss™ treated water touches

### Case Study – Closed Chilled Water Loop

Chilled water system at a hospital that has been dosed with liquid biocides, iron dispersant and cleaners over a two-year period with little to no effect on cleaning up. System has a large bypass 25-micron bag filter system. 2 x 150-gram bags of ProMoss were added to the bag filter and changed out twice (1/month). Pictures above show the before and after results. ProMoss was able to completely clean this system up in two months with complete elimination of all microbiological activity and residual iron.



Microbiological count over 100,000 cfu/mL  
Iron level at 3.42 ppm



Microbiological count at 10 cfu/mL  
Iron level at 0.01 ppm



By design, ProMoss™ is packaged in a variety of sizes so that chill water, hot water and glycol closed systems may each be effectively treated. Several of the most common delivery options include:

### 10" Filter Housings

Maximum: 5 - ProMoss™ 6 Strips  
Chill Water: 450 gallon system  
Hot Water or Glycol: 225 gallon system

### 20" Filter Housings

Maximum: 6 - ProMoss™ 4 Strips  
Chill Water: 780 gallon system  
Hot Water or Glycol: 390 gallon system

### Two Gallon Pot Feeder (Not Pictured)

Maximum: 15 - ProMoss™ 4 Strips  
Chill Water: 1950 gallon system  
Hot Water or Glycol: 975 gallon system

### Five Gallon Pot Feeder (Not Pictured)

Maximum: 40 - ProMoss™ 4 Strips  
Chill Water: 5200 gallon system  
Hot Water or Glycol: 2600 gallon system

### CC-180 SS

Maximum: 3 - ProMoss™ 3 Bags  
Chill Water: 9000 gallon system  
Hot Water or Glycol: 4500 gallon system

Additional options are available based upon your specific system type and its operating pressure and temperature. For example, cage style contact chambers may be used in chill water systems which have an open tank.

## Contact Information

24 Boulder Blvd  
Stony Plain, AB T7Z 1V7  
Phone (780) 913-4817

[mvermeulen@hawkstonesolutions.ca](mailto:mvermeulen@hawkstonesolutions.ca)

[www.canadianmoss.ca](http://www.canadianmoss.ca)

Providing  
naturally pure,  
healthier water.