






ProMoss™ Technology for Closed Loop Applications

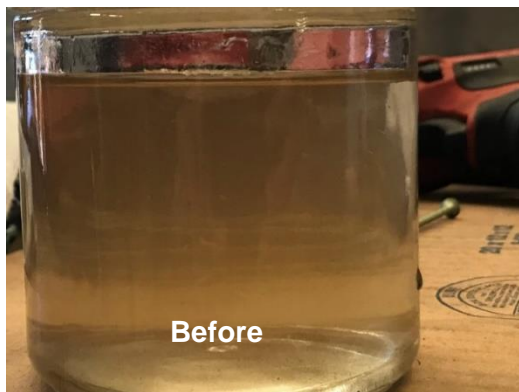
-  Naturally softens water by removing positively charged ions like calcium, iron, magnesium and zinc
-  Stabilizes water pH
-  Removes organic contamination from all surfaces the **ProMoss™** treated water touches
-  Inhibits and removes scale
-  Decreases corrosion on surfaces the **ProMoss™** treated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

Case Study – Closed Chilled Water Loop

A hospital chilled water system was previously 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.

ProMoss™ Treatment

2 x 150-gram bags of **ProMoss™** were added to the bag filter and changed out twice (1/month). Pictures below show the before and after results. **ProMoss™** was able to completely clean this system in two months with complete elimination of all microbiological activity and residual iron.






Microbiological count > 100,000 CFU/ml
Iron level at 3.42 ppm



Microbiological count @ 10 CFU/ml
Iron level at 0.01 ppm




By design, **ProMoss™** is packaged in a variety of sizes so that chilled 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 x **ProMoss™ 6 Strips**
-  Chilled Water: 450 gallon system (1,700 litres)
-  Hot Water of Glycol: 225 gallon system (850 litres)






20" Filter Housings

-  Maximum: 6 x **ProMoss™ 4 Strips**
-  Chilled Water: 780 gallon system (2,950 litres)
-  Hot Water of Glycol: 390 gallon system (1,475 litres)






30" Filter Housings

-  Maximum: 6 x **ProMoss™ 4XL Strips**
-  Chilled Water: 1,130 gallon system (4,280 litres)
-  Hot Water of Glycol: 565 gallon system (2,140 litres)






Two US Gallon Pot Feeder

-  Maximum: 15 x **ProMoss™ 4 Strips**
-  Chilled Water: 1,950 gallon system (7,380 litres)
-  Hot Water of Glycol: 975 gallon system (3,690 litres)



Five US Gallon Pot Feeder

-  Maximum: 40 x **ProMoss™ 4 Strips**
-  Chilled Water: 5,200 gallon system (19,680 litres)
-  Hot Water of Glycol: 2,600 gallon system (9,840 litres)



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