

Service Bulletin

Reminder for All Evolution Pump Laser Users

PRODUCT: Evolution 15/28/30/45/HE

PURPOSE: Information

DESCRIPTION: To prevent algae growth in the Evolution closed-loop cooling system, it is important to change your chiller solution and filter once a quarter [3 months] no longer than semiannual changes. If the system is run 24 hours per day, perform the following on a monthly basis. Note: If the laser is used infrequently, periodically running the chiller will also help prevent algae growth.

ACTION: **Directions**

1. Drain used fluid from the chiller.
2. Flush chiller with clean distilled water.
[1 time / 10 min cycle]

Note: Use only steam-distilled water. The use of de-ionized water may cause corrosion damage.

3. Change particle filter.
(Part#:1120312 Lytron) (Part#:1166401 PolyScience)
4. Add Item Pre-mix Optishield (Part# 1166400) to the chiller tank.
(1 gallon Lytron RC06, 2 gallon Lytron RC11, 1.1 gallon PolyScience)

Warning: OPTISHIELD may be harmful if swallowed, inhaled, or absorbed through the skin or eyes. Refer to MSDS for precautions when handling.

5. Fill the tank completely, and then run the system. Add premix as needed. The system is now ready for use.

For additional help or to schedule a service visit, please contact us at 800.367.7890 or product.support@coherent.com