



Service Note 1099-206

EverCool™ Maintenance on Outdoor Compressors

In order to keep your Evercool system in optimal running condition, it's important to perform periodic maintenance. Sumitomo recommends the following maintenance schedule.

MAINTENANCE	FREQUENCY
Replace Cold Head	Every 10,000 HRS (~Every 2 yrs for QD Products)
Replace Compressor Adsorber	Every 20,000 HRS (~Every 2 yrs for QD Products)
Cleaning Air Cooler	At least on time per year or as needed

Periodical Maintenance

Contact your Quantum Design representative if you would like to schedule the maintenance for the Cold Head and Adsorber change on your Cryocooler.

For cleaning of the outdoor heat exchanger coils, Sumitomo recommends using a water rinse. The waste water will drain from the bottom hole of the outdoor unit.

Cleaning Procedure

1. Stop the Cryocooler and confirm that the cooling fan stops (refer to the manual for additional details related to your specific model).
2. Carefully sweep the dust off of the heat exchanger.
NOTE: Use great care NOT to damage the fins.
3. In some cases, a water rinse may be necessary. Rinse between the fins and avoid high pressures that may damage the fins.