



GEO-HEAT PUMP COOLING MAINTENANCE

1. Check coils, clean if necessary (Chemicals included)
2. Install gauges and check operating pressures.
3. Check static pressure drop across evaporator coil. (Total Static)
4. Check voltage and amperage to all motors/ Record Watts
5. Check temperature rise or drop across source side heat exchanger.
6. Check temperature rise or drop across load side heat exchanger.
7. Check heat of rejection (HR) / Heat of extraction (HE) calculation
8. Check for adequate refrigerant charge and possible leaks.
9. Check superheat./sub cooling
10. Lubricate all moving parts.
11. Check filters.
12. Check pressure switch cut-out settings.
13. Check electrical lockout circuits.
14. Check line starting contactor.
15. Check all wiring and connections.
16. Clean and adjust thermostat.
17. Check Flow Rate in GPM.
18. Perform visual inspection for refrigerant leaks.
19. Check crank-case heater on compressor
20. Check that condensate drain is open.
21. Place anti-clog & biocide tablets in condensate pan.