

Condensing Unit

Maintenance Program

In order to ensure that refrigeration system runs trouble free for many years, a follow-up maintenance program (consisting of a minimum of two inspections per year) should be set up. A qualified refrigeration service mechanic should carry out this semi-annual inspection. The main power supply must be disconnected and locked off to avoid accidental startup of the equipment.

1. Check electrical component and tighten any loose connections.
2. Check all wiring and electrical insulators.
3. Check contactors to insure proper operation and contact point for wear.
4. Check that fan motors (if applicable) are operational, ensure fan blades are tight and all mounting bolts are tight.
5. Check oil and refrigerant levels in the system.
6. Ensure that the condenser surface (if applicable) is cleaned and free of dirt and debris.
7. Check the operation of the control system. Make certain that all the safety controls are operational and functioning properly.
8. Check the refrigeration piping. Make sure that all mechanical joints and flare nuts are tight.