
MAINTENANCE

CONDENSERS

In order for the refrigeration system to perform to its rated capacity, it is very important to keep the condensing temperature from getting too hot. This usually happens when the condenser is not kept properly cleaned.

Air cooled condensers: Units with air cooled condensers are supplied with cleanable aluminum air filters, and it is very important that they be cleaned as necessary to maintain good airflow. Failing to do so will result in poor unit performance and possible compressor damage.

Water cooled condensers: Units with water-cooled condensers are supplied with the shell and tube (cleanable) type condenser. The end cover plates are removable for easy inspection and cleaning. The water bypass tubes can be cleaned by rodding out or using wire brushes specially design for this purpose.

CLEANABLE HEAT EXCHANGERS

Units equipped with the cleanable heat exchanger type are supplied with pressure gauges on the IN and OUT fluid ports, and they should be monitored for an increase in the pressure differential. We are expecting a normal pressure drop of 7 to 10 psid, should this differential increase to 20 psid; the heat exchanger is getting plugged and it will require service. (See special insert for instructions for service)

ELECTRIC MOTORS

Maintenance for electric motors is required only when these motors are furnished with grease fittings so they can be greased. If this is the situation, we recommend greasing every 6 months.

Maintenance as you can see is minimal, but should you have a problem or situation not being described above, please call our service department for assistance at **1-800 YOU-KOOL (968-5665)** or **269-349-6800**.