

Electric Heater

- Check Power Supply
- Check Control Supply Power
- Troubleshoot Control Circuit
- Check the Heater Element

Heat Pump

- Check Power Supply
- Check Control Supply Power
- Check Refrigerant in the system
- Check the controls and circuit
- Repair problem

Ventilation

- Fresh Air Flow / Exhaust fan
- Check Power Supply

Air Conditioning

1- Window Type

- Check Power Supply
- Check the Air Filter
- Check the blower motor
- Check the Capacitor
- Check The Thermostat and Selector switch
- Check the Compressor
- Check the refrigerant Circuit

2- Split AC Type

- Check Power Supply
- Check the Air Filter
- Check the blower motor
- Check the Capacitor
- Check the control Circuit
- Check Processor Circuit board (PCB)
- Check Remote Control
- Check the Compressor
- Check the refrigerant Circuit

3- Central AC

- Check Power Supply
- Check the blower motor
- Check condenser fan motor
- Check the Air Filter
- Check the Capacitor
- Check contactor (magnetic starter)
- Check Transformer (line and control)
- Check Timer and Time Delay
- Check Control Relay
- Check Solenoid Valve
- Check Expansion Valve (TXV)
- Check Core Filter
- Check the belt
- Check the Pulley (Driver and Driven)
- Check Air Flow Switch

- Check the Differential Pressure Switch
- Check Solid State Protector (SSP)
- Check Discharge Gas Thermostat (DGT)
- Check the Pressure Switch (high and low)
- Check Fan Cycling Pressure Switch
- Check Pump Down Pressure Switch
- Check the Processor Control board
- Check Fuses and Circuit Breaker
- Check Compressor Motor
- Check Service Valves

Chiller

- Check Water Flow Switch
- Check Water Pump
- Check Water Regulator
- Check Chiller Air Vent
- Check Anti Freeze Thermostat
- Check Chilled Water Thermostat Control
- Check Three Way Valve

Refrigeration

1- Refrigerator

- Check and Repair Thermostat
- Check Timer
 - Check bullion Heater
- Check for Defrost Timer
- Check Fan Motors (Evaporator- Condensor)
- Check Fuses
- Check Starting Capacitor
- Check Potential Relay
- Check the overload Protection Control
- Check Compressor Motor
- Check Refrigerant Charge

2- Freezer (up-right - Chest - Walk-in Freezer)

- Check Low and High Pressure Switch

3-Cold Room (Varying Temperatures)

- Check Low and High Pressure Switch
- Check the Contactor
- Check the Transformer

4- Ice Maker

Check the Solenoid Valve
Check the Ice Cutter Function
Check the Water Pump Function
Check Float Valve