

September Troubleshooting Problem

QUESTION: After checking out the unit, which component has failed and why did this failure cause the indoor coil to ice up?

ANSWER: The failed component is the run capacitor. We would expect a capacitor employed to operate an indoor fan motor to show a microfarad rating in the range of 7 to 12 microfarads. The failure of the indoor fan motor to operate while the refrigeration system was operating caused the indoor coil to ice up due to no airflow through the coil.