



TROUBLESHOOTING GUIDES

This section of the manual contains:

- [Temperature Problem Diagnostic Worksheets](#) (does not apply to ICB427R refrigerator section)
- [Error Code Tables and the Error Code Troubleshooting Guides](#)
- [General Troubleshooting Guide](#) (Wine storage and ICB427R Refrigerator Section)
- [Sealed System Diagnostic Tables](#)
- [Membrane Switch/Ribbon Cable Test Procedures](#)

Temperature Problem Diagnostic Worksheet (does not apply to ICB427R refrigerator section)

The Diagnostic Worksheets on the following three pages are designed to help identify the cause of temperature problems in a wine storage unit. To fill out the worksheet, familiarity with Diagnostic Mode and Temperature Log Recall Mode is required (See section 3 of this manual).

NOTE: Diagnostic Worksheet do not apply to temperature problems in the refrigerator section of a ICB427R.

Follow the steps below and fill out a diagnostic worksheet before referencing the General Troubleshooting Guide.

1. Write down temperatures shown on display.
 - a. If unit is OFF, switch unit ON and go to step #2 below.
 - b. If unit will not run, but display is functioning, go to step #3 below.

NOTE: "EE" displayed in place of either compartment temperature indicates a compartment thermistor error. Thermistor errors cause power to the compressor and fans to be cut.
 - c. If unit will not run and display will not operate, go directly to General Troubleshooting Guide.
2. Write down the set-points, keeping in mind that the initial key stroke will change the true set-point by a one degree increment or decrement, depending on choice of WARMER, or COLDER key, respectively.
3. Initiate Diagnostic Mode by pressing and holding either COLDER key and the POWER key, then write down any Error codes that may appear and the temperature readings for each thermistor location. (See Thermistor Location Code Table at right.)
 - a. If error codes appear, go directly to [Error Code Troubleshooting Guide](#).
 - b. If "EE" is displayed in place of temperature, this indicates a thermistor error in that location.
4. Initiate Temperature Log Recall Mode by pressing and holding the desired compartment WARMER key and the POWER key, then toggle through the indexes, writing down the temperature of each index for both compartments. If the "BELL ON" or "SERVICE" indicators light up during an index, circle it on the worksheet.
 - a. By observing the temperatures logged, it will be possible to see if any warming or cooling trends occurred, whether this trend was in one or both compartments, and if there was a power interruption ("BELL ON" illuminate), or that the unit was switched OFF ("SERVICE" illuminates).
 - b. If double dashes (- -) are displayed, the control board is defective.

NOTE: To see the index/time correlation, refer to the Temperature Log Index Chart on last page of section 3 of this manual.
5. Use the information gathered on the worksheet in conjunction with the General Troubleshooting Guide.

Wine Storage Thermistor Location Codes	
MODELS ICB424, ICB427, ICB427R	
THERMISTOR LOCATION	CODE
<i>Upper Evaporator</i>	<i>UE</i>
<i>Lower Evaporator</i>	<i>LE</i>
<i>Upper Compartment</i>	<i>UP</i>
<i>Lower Compartment</i>	<i>LO</i>