



Temperature Diagnostic Flow Chart B – System Performance Check

*Measure Ambient Air Temperature Approximately One Foot in Front of Condenser.
Measure Center AC Duct Outlet Air Temperature by Placing the Probe in the Duct. The
Temperature Difference Between Ambient And Duct Air Should Be a Minimum Of 30°F.
If Out of Parameters, Follow The Diagnostic Flow Chart.*

Less Than 30°F

*Check for Outside Heat Entering Cabin
Blend Air Door Not Closing
Heater Valve Not Closing
Fresh Air Door Not Closing*

*Check Evaporator Condition
Evaporator Fins Dirty or Restricted
Evaporator Interior Coated with Scale
Air Bypassing Evaporator (missing seals)*

*Check Refrigerant and Oil Charge
Was System Evacuated?
Was System Cleaned?
Was Compressor Oil Level Checked?*

*CCOT and FFOT Systems
Refer to Temperature Chart C*

Repair as Necessary and Retest

More Than 30°F

*System Performing to
Specifications
Check for Temperature
Balance Between Duct Air
Drop And Condenser Drop
(Should be Within 10°F)*