



Each location shall have a 5/16" (8 mm) diameter hole. The supply location shall be labeled "Title 24 – Supply Temperature Access" in at least 12-point type. The return location shall be labeled "Title 24 – Return Temperature Access" in at least 12-point type. These locations can be in any one of the four sides of the plenums.

RA3.2.2.3 Refrigerant Gauges and Saturation Temperature Measurement Sensors (STMS)

A refrigerant gauge with an accuracy of plus or minus 3 percent shall be used. As an alternative, two saturation temperature measurement sensors (sensors) shall be placed in a manner and location determined by the equipment manufacturer as measuring the saturation temperature of the refrigerant in the evaporator coil and in the condenser coil within 1.3 °F. These sensors shall be permanently mounted and have standard temperature sensor mini plugs accessible to the installing technician and the HERS rater without changing the airflow through the condenser coil. Other saturation temperature measurement sensor instrumentation methodologies shall be allowed if the specifications for the methodologies are approved by the Executive Director.

RA3.2.2.4 Calibration

The accuracy of instrumentation shall be maintained using the following procedures. A sticker with the calibration check date shall be affixed to each instrument calibrated.

RA3.2.2.4.1 Thermometer/ and Temperature Sensor Field Calibration Procedure

Thermometers/temperature sensors shall be calibrated monthly to ensure that they are reading accurate temperatures.

The following procedure shall be used to check thermometer/temperature sensor calibration: