Based on an estimate using the graph on page 25 in the Guide & Workbook, what would the total heating in Btuh be for the location that requires the most heat?

Based on an estimate using the graph, what would the Sensible Cooling for Long Beach CA?

A comparison number for evaluating how much humidity removal is required for cooling called Super Heat Ratio (SHR) is used in the equipment selection process. SHR = Sensible Cooling ÷ Total Cooling Load

Using the table values find the SHR for San Antonio TX.

Field Notes:

Numerous attempts to tune an HVAC system for a building in North Carolina with a new maintenance contract. The HVAC contractor wanted to know what the solution was for this building. A top diagnostic technician was sent to a location where the building was not cooling properly. While there, the technician found a *Manual N* load calculation was done for the equipment sizing. After studying the Load calculation the problem was clear: Undersized equipment, the wrong weather data was used. The load calculation had Dayton Ohio’s selected as the building’s location!