

Subcooling Calculation

Procedure for Calculating the Subcooling Value of Refrigerant

1. Using a gauge manifold measure the pressure of the refrigerant.

Discharge Pressure: _____ psig.

2. Convert measured gauge pressure to its saturation temperature, using a P/T chart.

Saturation Temperature: _____ °F

3. Measure liquid line temperature.

Liquid line temperature: _____ °F

4. Saturation temperature - Liquid line temperature = Subcooling value

_____ °F - _____ °F = _____ °F

