

Step-by-Step

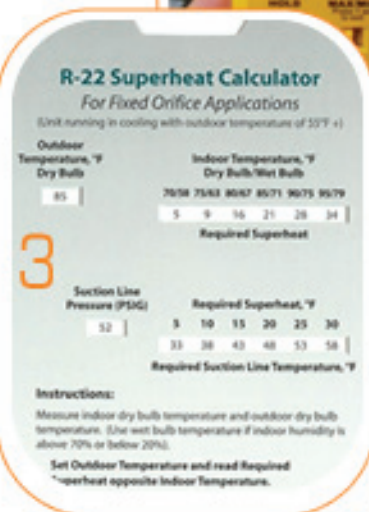
How to use the R-22 and R-410a Superheat & Subcooling calculator



1: Measure indoor dry bulb temperature. 80 degrees



2: Measure outdoor dry bulb temperature. 87 degrees



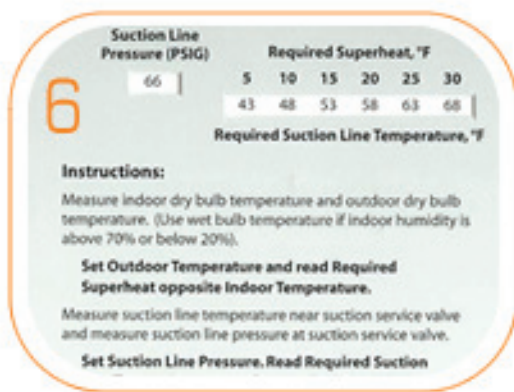
3: Set Outdoor Temperature and read Required Superheat opposite Indoor Temperature. 16 degrees



4: Measure suction line temperature near suction service valve. 53 degrees

5: Measure suction line pressure at suction service valve. 66 psi

6: Set Suction Line Pressure. Read Required Suction Line Temperature opposite Required Superheat.



Instructions:
Measure indoor dry bulb temperature and outdoor dry bulb temperature. (Use wet bulb temperature if indoor humidity is above 70% or below 20%).
Set Outdoor Temperature and read Required Superheat opposite Indoor Temperature.
Measure suction line temperature near suction service valve and measure suction line pressure at suction service valve.
Set Suction Line Pressure. Read Required Suction



If the measured suction line temperature does not agree with the required suction line temperature, add refrigerant to lower temperature or remove refrigerant to raise temperature.

