

# Air Conditioning Repair \$ - Too High?

## Here's the Secret !

Use these **"Secret"** words to avoid getting ripped off by unscrupulous or incompetent Air Conditioning Technicians.

When the tech says, "Your system needs freon" or "Your system is low on freon".

You (the homeowner) use the secret words: "What's the 'Super Heat' at my suction line?"

The qualified (NATE certified) tech should show you the low suction pressure on the gauge, and then he should show you the temperature of the large copper tube at the outdoor unit. This is the tube that has the "insulation" on it. Then he should use a pressure temperature chart, one of which is included on the gauge. Next he should do a simple subtraction to give you "Super Heat". If he just tells you a number \_\_\_\_\_ ° you can ask "how did you find that number?" See Above.

If the tech can't explain he shouldn't be adjusting your freon.

- Low super heat is less than 5° = too much freon or too little air flow (dirty filter?)
- High super heat is more than 20° = low freon, restricted freon flow or high load (hot house)

Please realize that this short little report is very basic and a qualified NATE Certified technician would be capable of explaining further.