

HVAC TROUBLESHOOTING

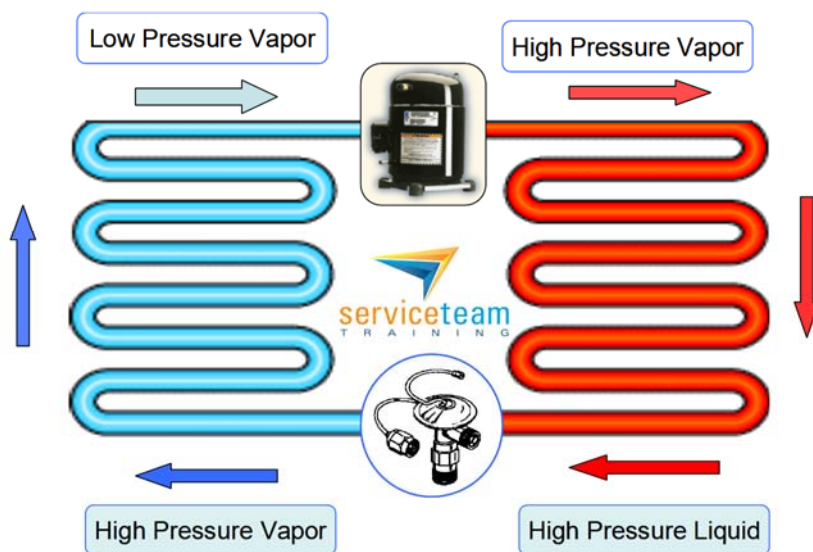


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General Notes:

Summary of the Cycle



General Notes:

Two types of voltage _____ and _____

Typically they are _____ and _____

Thermostats

R to Y will energize the _____

R to G will energize the _____

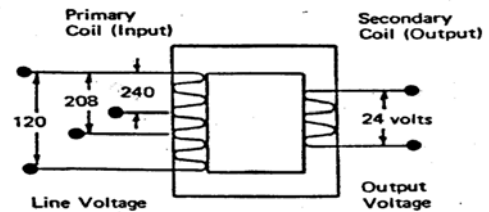
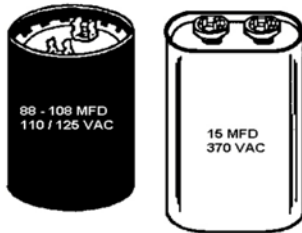
R to W will energize the _____

R to O will energize the _____



General Notes:

General Notes:



Where to start

Start at _____ every time

Call for the _____ on, then auto – speed change?

Call for _____ – cool, heat etc.

Inside or outside or both – is everything _____?

Check _____ in every vent?

_____ degree T – Return air temp to supply vent

Check amp draws then decide if gauges are needed



General Information:

Four comfort factors: Temperature, Humidity, Air movement, and Air quality

1 Ton = There are 12,000 btu's in 1-ton of refrigeration

They typical air temperature difference

between the supply and return vent is 15-20 degrees Fahrenheit

If you replace a fan motor, install a new capacitor

Indoor and outdoor coils should be thoroughly cleaned at least once a year

Condensation water is contaminated water

Rules of thumb

1. 800 btu's per person in moderate - 850 per person in moderate dancing (nightclub)
2. 550 sq ft of area gets 1 ton of refrigeration
3. 400 CFM minimum for 1 ton of refrigeration

Do NOT install used parts!



I hope these were helpful and for more information and ideas be sure to go to www.serviceteamtraining.com or email me at mark@serviceteamtraining.com

Thanks for requesting this!!

Sincerely,

Mark Cukro

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