

Critical Readings - A/C & H/P Service Survey

Date: _____

The more information you give the more we can help you

| | |
|---------------------|---------------------------------|
| Distributor: | Contact Name and Phone#: |
|---------------------|---------------------------------|

| | |
|----------------|--------------------------|
| Dealer: | City & State: |
|----------------|--------------------------|

| | | |
|--|----------------|-----------------|
| *O.D. Unit Type (A/C H/P) and Make: | Model#: | Serial#: |
|--|----------------|-----------------|

| | | |
|---|----------------|-----------------|
| *LD. Unit Type (Furnace A/H) and Make: | Model#: | Serial#: |
|---|----------------|-----------------|

| | | | |
|------------------------------------|----------------|-------------------------------|------------------------------|
| *Indoor Coil Type and Make: | Model#: | ^Metering Device Type: | Size or Part Number#: |
|------------------------------------|----------------|-------------------------------|------------------------------|

Symptoms:

***Line Set Size and length #ft, rise or drop # ft / # of Elbows**

| | |
|----------------------------|--|
| * Suction Pressure | |
| * Suction Line Temp | |
| (T&P) Suction Saturation | |
| Suction Superheat | |

| | |
|--------------------------|--|
| ^Outdoor Dry Bulb | |
|--------------------------|--|

| | |
|--------------------------------|--|
| * Total External Static | |
|--------------------------------|--|

| | |
|-------------------------------|--|
| * ID Entering Dry Bulb | |
| *ID Leaving Dry Bulb | |
| ID Delta T Dry Bulb | |

| | |
|--------------------------------|--|
| *Indoor CFM | |
| *Supply Static Pressure | |
| *Return Static Pressure | |

| | |
|---------------------------|--|
| * Liquid Pressure | |
| (T&P) Liquid Saturation | |
| * Liquid Line Temp | |
| Liquid Subcooling | |

| | | |
|---------------------|-----------|----------------|
| | Indoor | Enthalpy (THC) |
| *Entering WB | | |
| *Leaving WB | | |
| | Delta THC | |

Capacity = Delta THC X 4.5 X cfm = Capacity

| | |
|-----------------------------|--|
| Discharge Pressure | |
| ^Discharge Line Temp | |
| Discharge Saturation | |
| Discharge Superheat | |

| | | | |
|-------------------|-----------------------|---------------|--------------------------|
| Compressor | Rated on Plate | Actual | *Blower Speed Tap |
| * Volts | | | |
| *Amps | | | |

NOTE: * Are absolutely required readings

Attn: Technical Support GTC

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