ALLIED Air Enterprises

Air Conditioning System
Job-Site Information Sheet
Form # JS/AC-1

Date _____

Case # _____

Owner

Name: _____

Street: _____

City: _____ Zip: _____

State/Providence: _____

Phone: _____

Servicing Contractor

Name: _____

Street: _____

City: _____ Zip: _____

State/Providence: _____

Phone: _____ Contact: _____

Distributor

Name: _____

City & State: _____

Equipment Information:

Outdoor Unit: Model # _____ Serial # _____ Date Installed: _____

Evaporator: Model # _____ Serial # _____ Date Installed: _____

Air Handler: Model # _____ Serial # _____ Date Installed: _____

Furnace: Model # _____ Serial # _____ Date Installed: _____

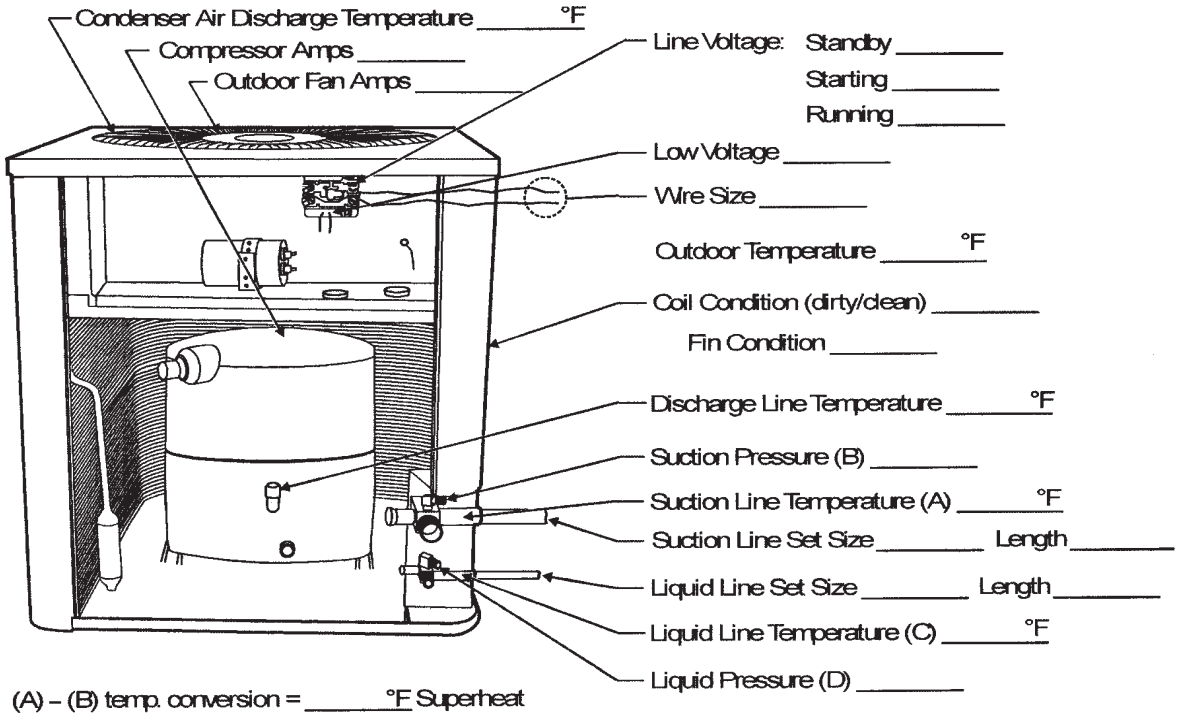
Description of Problem: _____

_____

Actions Taken to Correct Problem: _____

_____

Outdoor Unit Data



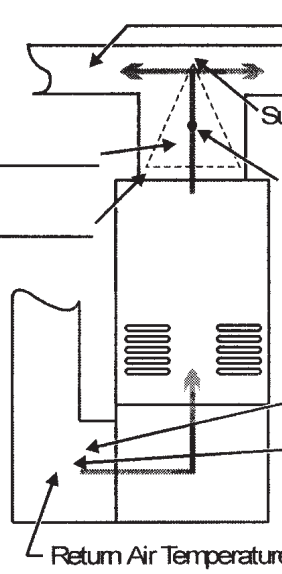
(A) – (B) temp. conversion = _____ °F Superheat

(C) – (D) temp. conversion = _____ °F Subcooling

Indoor Unit Data

Upflow

IMPORTANT: *Run unit at least 10 minutes before taking measurements.*



Supply Air Temperature (A) _____ °F (DB)
_____ °F (WB)

Supply Air Static Pressure - Downstream of Coil + _____ " W.C.

Coil Condition _____

Supply Air Static Pressure - Upstream of Coil + _____ " W.C.

Condensate Trap? (yes/no) _____

(Drill through A-plate of coil to get this static measurement)

If the system does not include an evaporator coil, only one Supply Air Static Pressure measurement is needed.

Type of Metering Device

TXV _____

Piston (Size) _____

Cap Tube _____

Return Air Static Pressure – _____ " W.C.

Filter Type/Size _____

Filter Condition _____

Line Voltage _____

Low Voltage _____

Return Air Temperature (B) _____ °F (DB)
_____ °F (WB)

Plenum Size:

Return _____

Supply _____

(B) – (A) = _____ °F Temperature Drop

Blower Motor Speed Tap (Cooling) _____

Suction Line Size _____

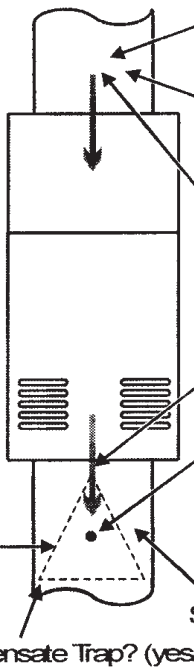
Total Static Pressure _____ " W.C.

Liquid Line Size _____

Number of Runs _____

Counterflow

IMPORTANT: *Run unit at least 10 minutes before taking measurements.*



Filter Type/Size _____

Filter Condition _____

Type of Metering Device

TXV _____

Return Air Temperature (B) _____ °F (DB)
_____ °F (WB)

Piston (Size) _____

Cap Tube _____

Return Air Static Pressure – _____ " W.C.

Plenum Size:

Return _____

Line Voltage _____

Low Voltage _____

Supply _____

Supply Air Static Pressure - Upstream of Coil + _____ " W.C.

Number of Runs _____

Supply Air Static Pressure - Downstream of Coil + _____ " W.C.

(Drill through A-plate of coil to get this static measurement)

If the system does not include an evaporator coil, only one Supply Air Static Pressure measurement is needed.

Coil Condition _____

Supply Air Temperature (A) _____ °F (DB)
_____ °F (WB)

Condensate Trap? (yes/no) _____

(B) – (A) = _____ °F Temperature Drop

Blower Motor Speed Tap (Cooling) _____

Suction Line Size _____

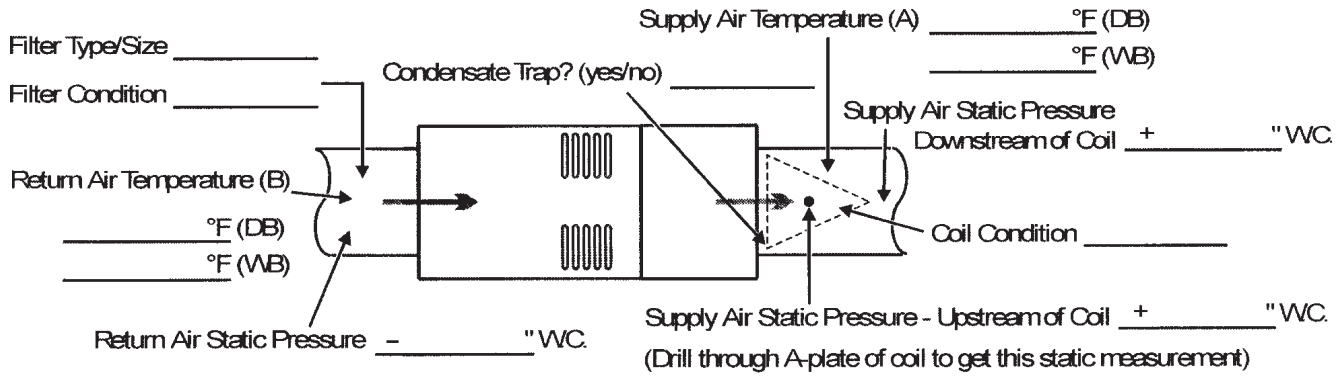
Total Static Pressure _____ " W.C.

Liquid Line Size _____

Indoor Unit Data (cont.)

Horizontal – Left to Right Airflow

IMPORTANT: *Run unit at least 10 minutes before taking measurements.*



If the system does not include an evaporator coil, only one Supply Air Static Pressure measurement is needed.

Type of Metering Device

TXV _____

Piston (Size) _____

Cap Tube _____

Line Voltage _____

Low Voltage _____

(B) – (A) = _____ °F Temperature Drop

Total Static Pressure _____ " W.C.

Blower Motor Speed Tap (Cooling) _____

Suction Line Size _____

Liquid Line Size _____

Plenum Size:

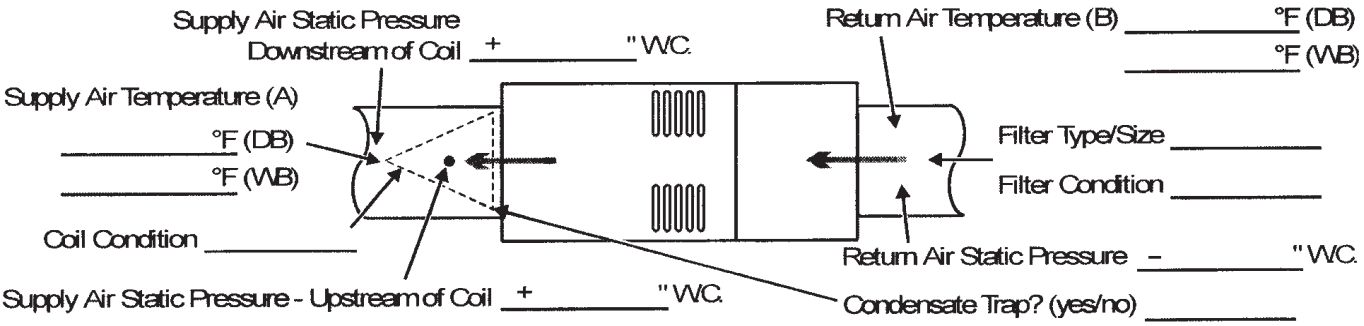
Return _____

Supply _____

Number of Runs _____

Horizontal – Right to Left Airflow

IMPORTANT: *Run unit at least 10 minutes before taking measurements.*



If the system does not include an evaporator coil, only one Supply Air Static Pressure measurement is needed.

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TXV _____

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Line Voltage _____

Low Voltage _____

(B) – (A) = _____ °F Temperature Drop

Total Static Pressure _____ " W.C.

Blower Motor Speed Tap (Cooling) _____

Suction Line Size _____

Liquid Line Size _____

Plenum Size:

Return _____

Supply _____

Number of Runs _____