



# Sigler

Wholesale Distributors

07-18-2016 JPH

## AIR CONDITIONING SYSTEM INITIAL AND FINAL READINGS

CUSTOMER NAME \_\_\_\_\_ DATE \_\_\_\_\_ INVOICE# \_\_\_\_\_

OUTDOOR UNIT MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ S/N \_\_\_\_\_

FURNACE MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ S/N \_\_\_\_\_

INDOOR COIL MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ S/N \_\_\_\_\_

THERMOSTAT MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ S/N \_\_\_\_\_

R-22 \_\_\_\_\_ R-410A \_\_\_\_\_ TXV \_\_\_\_\_ ORIFICE \_\_\_\_\_

SUCTION PRESSURE \_\_\_\_\_ HEAD PRESSURE \_\_\_\_\_

EVAPORATING TEMP \_\_\_\_\_ CONDENSING TEMP \_\_\_\_\_

SUCTION LINE TEMP \_\_\_\_\_ LIQUID LINE TEMP \_\_\_\_\_

**SUPERHEAT** \_\_\_\_\_ **SUBCOOLING** \_\_\_\_\_  
(Suction line temp minus evaporating temp) (Condensing temp minus liquid line temp)

REQ'D SUPERHEAT \_\_\_\_\_ REQ'D SUBCOOLING \_\_\_\_\_  
(Subcooling low means undercharged)

HOT VAPOR LINE TEMP \_\_\_\_\_ LIQUID LINE TEMP \_\_\_\_\_  
6" FROM COMPRESSOR AT METERING DEVICE  
(Not to exceed 225 degrees)

OUTDOOR TEMP \_\_\_\_\_ **COND TEMP DIFF** \_\_\_\_\_  
(Condensing temp minus outdoor temp)

TEMP DIFF ACROSS FILTER/DRIER \_\_\_\_\_

RETURN GRILLE DRY BULB \_\_\_\_\_ RETURN PLENUM DRY BULB \_\_\_\_\_

SUPPLY GRILLE DRY BULB \_\_\_\_\_ SUPPLY PLENUM DRY BULB \_\_\_\_\_

**INDOOR DB TEMP DROP** \_\_\_\_\_ **EQPMNT DB TEMP DROP** \_\_\_\_\_  
(Return grille db minus supply grille db) (Return plenum db minus supply plenum db)

RETURN GRILLE WET BULB \_\_\_\_\_ (Desired temperature drop 18-22)

MUST MEASURE STATIC PRESSURE: SUPPLY \_\_\_\_\_ RETURN \_\_\_\_\_ **TOTAL** \_\_\_\_\_

UNIT RATED VOLTS \_\_\_\_\_ UNIT IDLE VOLTS \_\_\_\_\_

PERMISSIBLE VOLTS MAX \_\_\_\_\_ UNIT START VOLTS \_\_\_\_\_

PERMISSIBLE VOLTS MIN \_\_\_\_\_ UNIT RUN VOLTS \_\_\_\_\_

COMP RATED LOAD AMPS \_\_\_\_\_ COMP START AMPS \_\_\_\_\_

COMP LOCKED ROTOR AMPS \_\_\_\_\_ COMP RUN AMPS \_\_\_\_\_

**COMMENTS** \_\_\_\_\_

BE SURE TO FILL IN ALL VALUES IN ORDER TO GET AN ACCURATE EVALUATION