

**SPLIT TROUBLESHOOTING AC GUIDE**

Company name \_\_\_\_\_ Technician name \_\_\_\_\_ Date \_\_\_\_\_  
 Customer name \_\_\_\_\_ Indoor wet bulb \_\_\_\_\_ Indoor dry bulb \_\_\_\_\_ Outdoor dry bulb \_\_\_\_\_  
 Design suction pressure on charging chart \_\_\_\_\_ Design discharge pressure on charging chart \_\_\_\_\_  
 Outdoor temp next to condenser \_\_\_\_\_ Primary voltage (loaded) \_\_\_\_\_ Secondary (low) voltage \_\_\_\_\_  
 Amps to outdoor motor \_\_\_\_\_ Compressor amps: Common \_\_\_\_\_ Run \_\_\_\_\_ Start \_\_\_\_\_  
 Capacitor rating \_\_\_\_\_  
 Return temp at grill \_\_\_\_\_ Return temp at unit \_\_\_\_\_  
 Supply temp at unit \_\_\_\_\_ Supply temp at registers \_\_\_\_\_ shortest run \_\_\_\_\_ middle run \_\_\_\_\_ furthest run \_\_\_\_\_

Blower speed tap for PSC & CTM
Cooling CFM setting on VS motor
Heating CFM setting on VS motor

Number of green CFM flashes at air handler \_\_\_\_\_

Leaving air temp \_\_\_\_\_

Temp drop across dryer

and check valve \_\_\_\_\_

Discharge temp \_\_\_\_\_

Discharge press \_\_\_\_\_

Suction press \_\_\_\_\_

Temp rise on suction

lines across valve \_\_\_\_\_

Liquid pressure \_\_\_\_\_

Vapor pressure \_\_\_\_\_



Line set length \_\_\_\_\_

Line sizes \_\_\_\_\_

Lift & # elbows \_\_\_\_\_

Vapor line temp \_\_\_\_\_

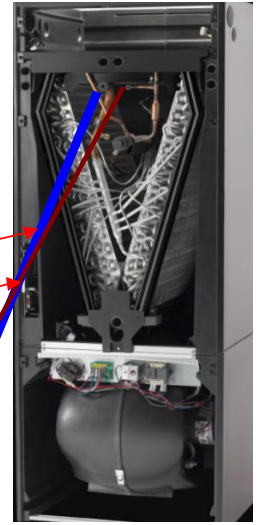
Liquid line temp \_\_\_\_\_

Superheat \_\_\_\_\_

Subcooling \_\_\_\_\_

Liquid line temp \_\_\_\_\_

Vapor line temp \_\_\_\_\_



Return static with filter \_\_\_\_\_ Return static w/o filter \_\_\_\_\_ Filter type \_\_\_\_\_ Filter size \_\_\_\_\_

Supply static with filter \_\_\_\_\_

Condenser Model # \_\_\_\_\_ Condenser Serial # \_\_\_\_\_

Air Handler Model # \_\_\_\_\_ Air Handler Serial # \_\_\_\_\_

Coil Model# \_\_\_\_\_ Coil Serial # \_\_\_\_\_

Furnace Model # \_\_\_\_\_ Furnace Serial # \_\_\_\_\_

*Refer to manufacturer's instructions and local codes.*