



Turn to the Experts.<sup>SM</sup>



Heating & Cooling Systems

### Heat Pump Heating Mode Survey

Dealer Name \_\_\_\_\_ Dealer # \_\_\_\_\_ Date \_\_\_\_\_

Customer Name \_\_\_\_\_ Customer Address \_\_\_\_\_

ODU Model# \_\_\_\_\_ ODU Serial# \_\_\_\_\_ T-Stat Make \_\_\_\_\_ T-Stat Model# \_\_\_\_\_

A/H Model# \_\_\_\_\_ A/H Serial# \_\_\_\_\_ TXV or Piston \_\_\_\_\_ Piston Size - \_\_\_\_\_  
*circle one*

**Run System in Emergency Heat (no out door unit running) for 15 minutes.  
After 15 minutes record the electrical and air temp readings below.**

Incoming Voltage \_\_\_\_\_ Return D/B Air Temp \_\_\_\_\_

Total Aux Heater Amps \_\_\_\_\_ Supply D/B Air Temp \_\_\_\_\_

*D/B = Dry Bulb*

**Run System in heat using heat pump only (disconnect A/H low volt wires on W terminals)  
After 20 minutes of run time record the temp and pressure readings below.**

Suction Pressure \_\_\_\_\_ Return D/B Air Temp \_\_\_\_\_

Discharge Pressure \_\_\_\_\_ Supply D/B Air Temp \_\_\_\_\_

Discharge Line Temp \_\_\_\_\_ Outdoor D/B Temp \_\_\_\_\_

*A/H = Air Handler D/B = Dry Bulb*

#### Physical Info

Liquid Line Size \_\_\_\_\_ Suction Line Size \_\_\_\_\_

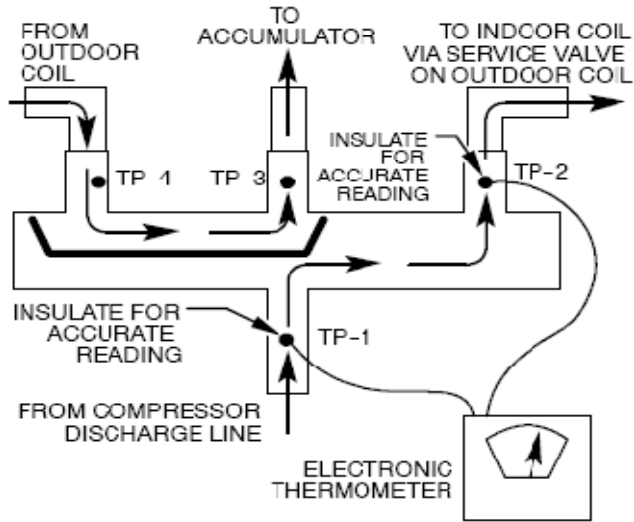
Unit distance from structure \_\_\_\_\_ Distance between units \_\_\_\_\_

crank case heater installed? \_\_\_\_\_ Vertical rise between units \_\_\_\_\_

Liquid line soleniod installed? \_\_\_\_\_ compressor blanket installed? \_\_\_\_\_

Distance between unit and nearest Window or Door? \_\_\_\_\_

**Based on the Picture record the R/V temps after 20 minutes of run time.**



TP1 \_\_\_\_\_  
 TP2 \_\_\_\_\_  
 TP3 \_\_\_\_\_  
 TP4 \_\_\_\_\_

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Outdoor Piston Size \_\_\_\_\_  
 Line Temp before ODU Piston \_\_\_\_\_  
 Line Temp after ODU Piston \_\_\_\_\_

Temp before indoor TXV \_\_\_\_\_  
 Temp after indoor TXV \_\_\_\_\_  
*based on refrigerant flow and only if TXV equiped*

**If Noise Issue:**

Is noise present w/ OD Fan disconnected? \_\_\_\_\_  
 Is noise heard from inside, outside or both? \_\_\_\_\_  
 Is noise only present during defrost? \_\_\_\_\_  
 Has quiet shift operation been selected? \_\_\_\_\_

*enter n/a if od board not equiped*

**Describe noise and what has been done so far to correct it:**