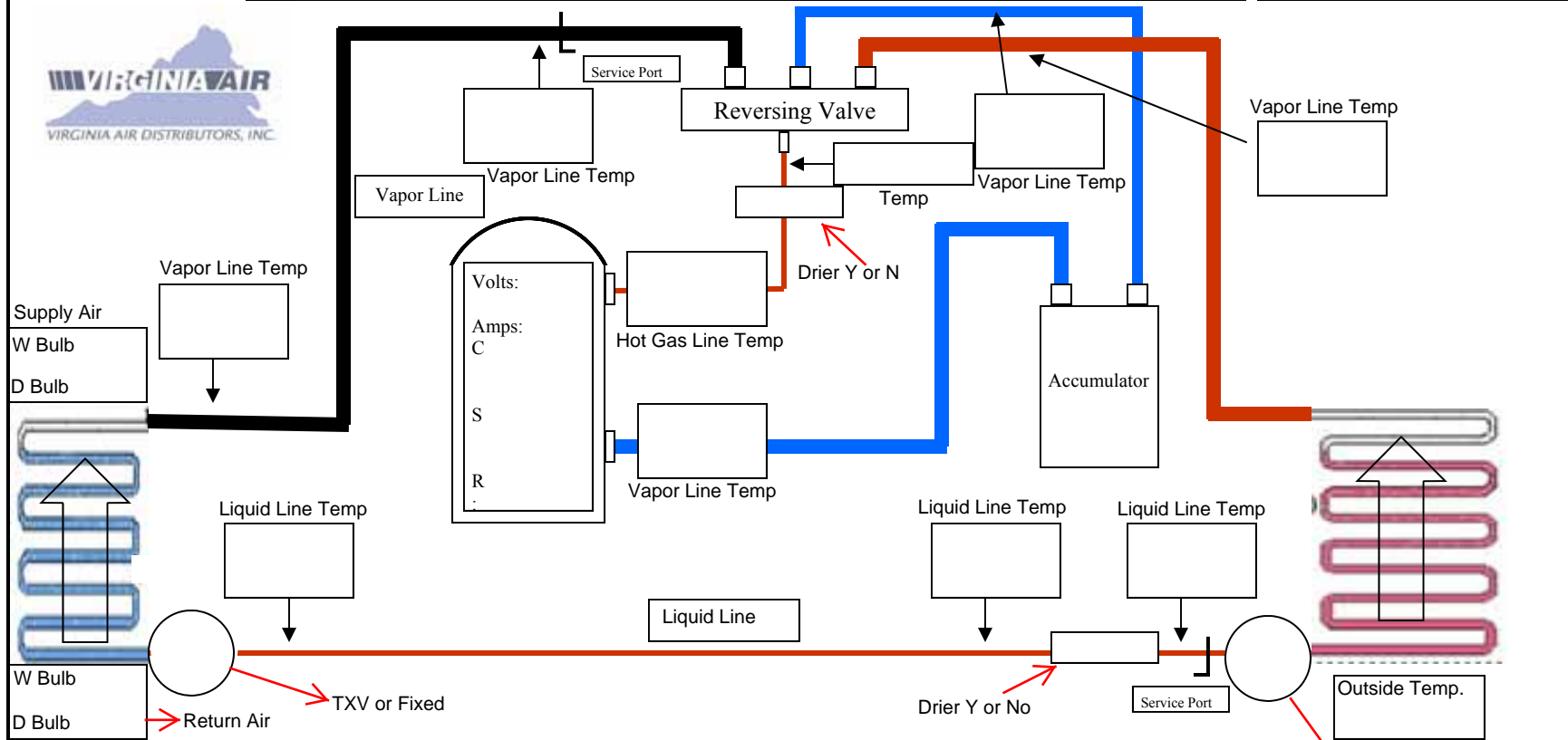


## Heat Pump Diagnostic Information (Please complete both pages)

Choose one  Heat Mode  Cool Mode		Saturation Temp.  <input style="width: 100%; height: 100%;" type="text"/>		Saturation Temp.  <input style="width: 100%; height: 100%;" type="text"/>	Super Heat  Vapor Line Temp.  _____  Minus Sat Temp.  _____  Equals Super Heat  _____	Sub Cooling  Sat Temp.  _____  Liquid Line Temp.  _____  Equals Sub Cooling  _____
Saturation Temperature is Pressure Converted to Temp.						



Air Flow Formula Single Phase: Volts                    x Amps                    x 3.413 = BTU  

$$\frac{\text{BTU}}{\text{TD} \times 1.08} = \text{CFM}$$
 Supply Air Temp                    Minus Return Air Temp                    Equals Temp Drop                    TXV or Fixed

Please go to page three for instructions on how to utilize this fillable form.

Heat Pump Diagnostic Information (Please complete both pages)

Contractor \_\_\_\_\_ Phone \_\_\_\_\_ Technician \_\_\_\_\_ Date \_\_\_\_\_

Consumer \_\_\_\_\_ Address \_\_\_\_\_

Outdoor Unit Model# \_\_\_\_\_ Serial# \_\_\_\_\_ Installed \_\_\_\_\_

Air Handler/Coil # \_\_\_\_\_ Serial # \_\_\_\_\_ Metering Device/Size \_\_\_\_\_

Furnace Model# \_\_\_\_\_ Serial# \_\_\_\_\_ Fuel Type \_\_\_\_\_

Low Voltage\* R \_\_\_\_\_ Y1 \_\_\_\_\_ Y2 \_\_\_\_\_ O \_\_\_\_\_ W1 \_\_\_\_\_ W2 \_\_\_\_\_ G \_\_\_\_\_

\*Measured From Common

Suction line Size \_\_\_\_\_ Liquid Line Size \_\_\_\_\_ Total Length \_\_\_\_\_ # of Ells \_\_\_\_\_ Underground Y/N \_\_\_\_\_

Is Evaporator Above or Below Condenser \_\_\_\_\_ Net Vertical Separation Ft' \_\_\_\_\_

Return Static (\*Downstream of air filter) \_\_\_\_\_ Supply Static (\*Upstream of Evaporator coil) \_\_\_\_\_ Total Static \_\_\_\_\_

\*Unless integral to the unit (such as an air handler) where such pressure losses are included in the blower performance tables

If a PSC Blower, What Is The Blower Speed: In Cooling \_\_\_\_\_ In Heating \_\_\_\_\_

If a ECM Blower, List Jumper Settings For: Cool \_\_\_\_\_ Adjust \_\_\_\_\_ Heat \_\_\_\_\_ Delay \_\_\_\_\_ Hum \_\_\_\_\_

List Pin Settings for the Defrost board and/or Furnace board \_\_\_\_\_

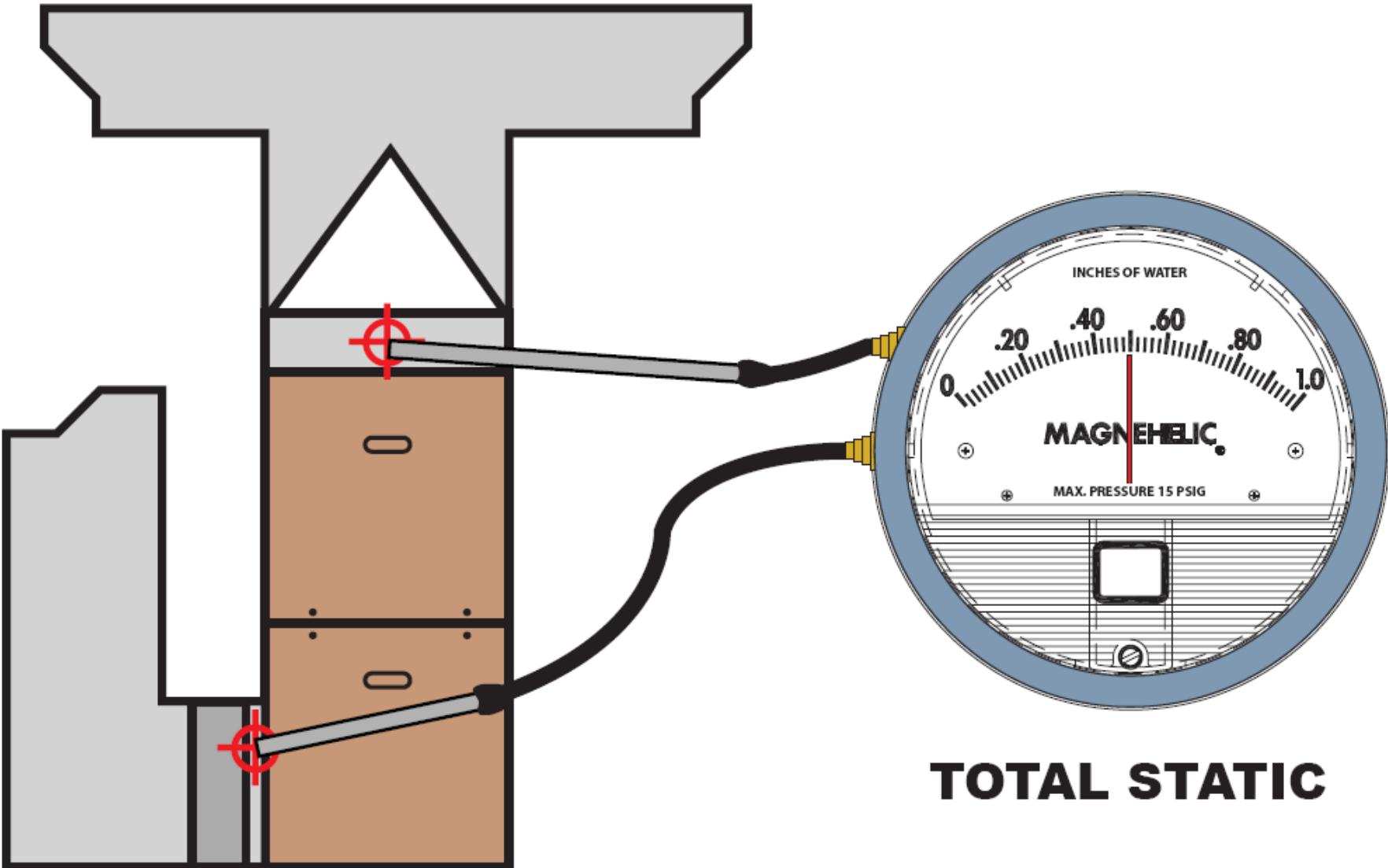
**Notes:** Always start by checking the indoor air flow. The air flow across an evaporator must be known *before* taking refrigeration pressures & temperatures or they may not have any real value. A furnace must be running continuously for 15 minutes prior to taking temperature rise. Take supply temperature readings out of direct line of sight from either electric heater or heat exchanger. If other methods are used to determine the cfm please supply detail of how it was calculated.

Job Notes:



□

# Total Static Measurement



**TOTAL STATIC**

Instructions - This is a fillable form created for an electronic device (laptop, tablet, desktop). To enter information into the form, you most likely will have to have an App installed on your device to work with fillable forms. Click onto the light blue fields that appear and enter in the information from you keypad. You will only be able to print or e-mail the information from your device. If you need any help setting up your device to be able to interact with a fillable form, please ask to see your local Territory Manager.