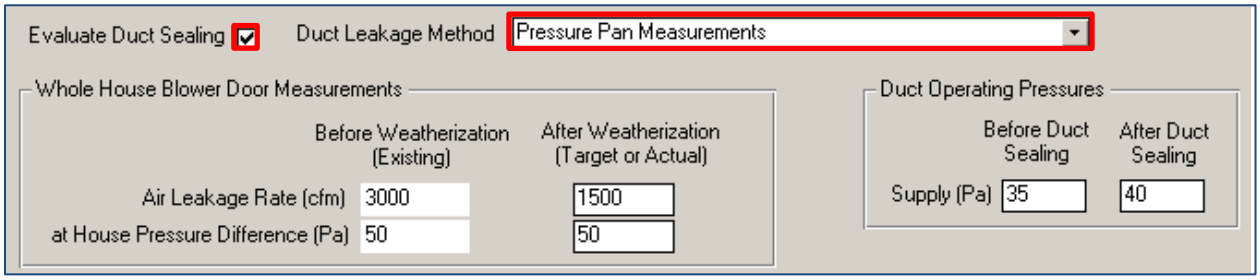
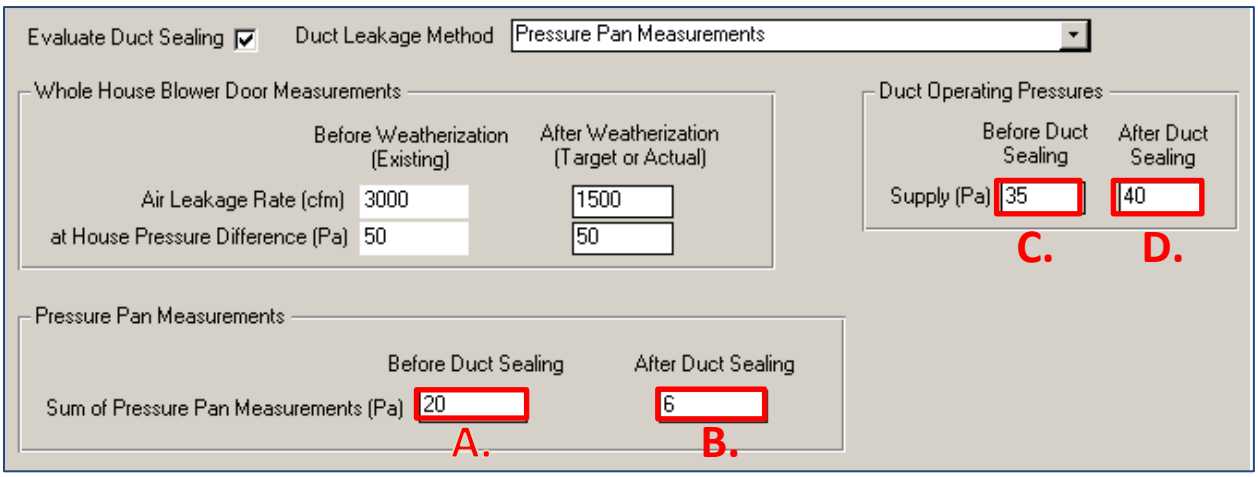
Modeling Duct Leakage in MHEA

1. In the Ducts/Infiltration tab, under the Air and Duct Leakages sub-tab check the *Evaluate Duct Sealing* box and select *Pressure Pan Measurements* from the *Duct Leakage Method* dropdown.



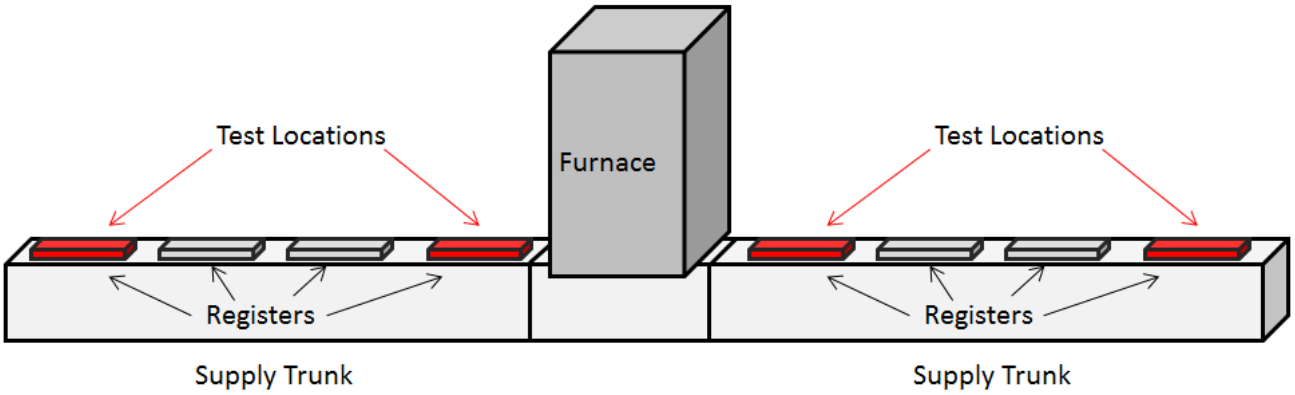
2. Enter the following data:



A. *Before Duct Sealing* – With the house depressurized to 50 Pa (WRT the outside) measure the pressure difference between each supply register and the house with a pressure pan and manometer. Enter the sum of all the measurements.

B. *After Duct Sealing* – Enter the total number of supply duct registers in the home.

C. *Before Duct Sealing* - With the air handler fan on, use a manometer and long static pressure probe to measure the supply duct pressures (WRT the interior) at the register nearest and farthest from the furnace for each supply trunk. Enter the average of the readings.



D. *After Duct Sealing* – Add 5 Pa to the *Before Duct Sealing* pressure and enter here.