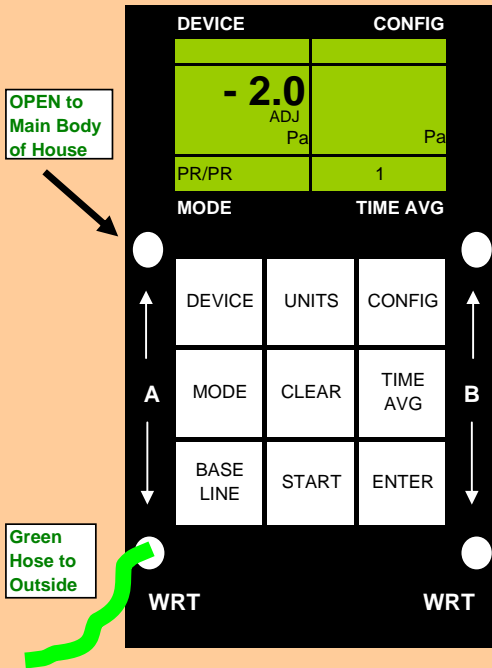


# THESE TESTS ARE DONE WITH ONLY AIR HANDLER ON

## Dominant Duct Leak Test



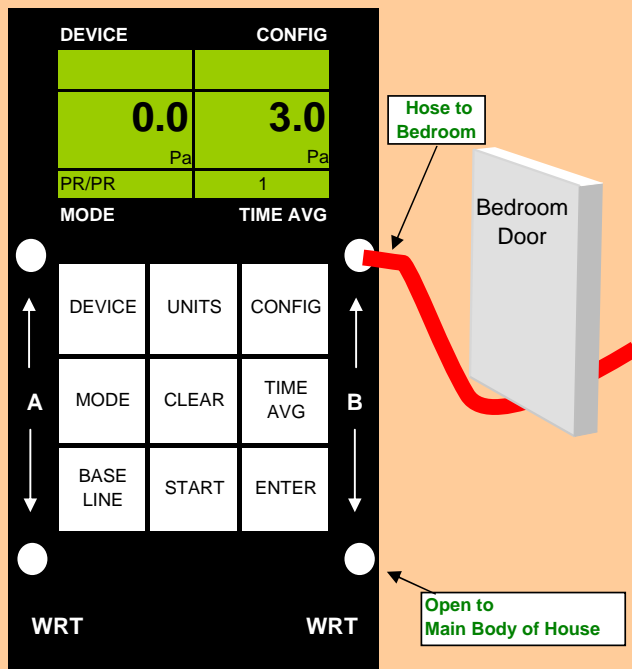
Setup House in Winter Mode  
OPEN Interior Doors

Setup Channel A to Measure House WRT Outside

1. **Connect** Hoses to Manometer
2. Turn Manometer **On**.
3. Press **BASELINE** Button **1 time**.
4. Press **START** Button **1 time**.
5. **Wait** until number is **steady**, then press **ENTER** Button **1 time**.
6. Turn Air Handler Fan **On**  
 Measure Pressure Difference when fan comes on
7. **May need to repeat a few times to get better number**

- Negative Pressure	Dominant Supply Leaks
+ Positive Pressure	Dominant Return Leaks
No Pressure Change	Tight Ducts, Equal Leaks, or House to Leaky to Hold Pressure

## Room Pressure Testing



Setup House in Winter Mode  
CLOSE Interior Doors

Setup Channel B to Measure Room WRT House

1. **Connect** Hose to Manometer
2. Turn Manometer **On**.
3. Turn Air Handler Fan **On**
4. **Place end of hose under Closed Room Door**
5. Measure Pressure between Room and Main Body
6. Any Pressures above 3pa Positive should have pressure relief measures installed \*especially if creating a backdraft situation when doing CAZ Testing
7. Use tape measure or door gauge to measure amount of door opening needed, then use multiplier below to determine amount of square inches of relief that is needed.

### PRESSURE RELIEF TABLES

Opening at Top & Side			Top, Side and Bottom		
Door Height	Width		Door Height	Width	
6'	30	32	6'	30	32
6'4"	79.5	80	6'4"	87	89
6'8"	83.5	84	6'8"	91	92
	87.5	88	6'8"	95	96
	81	85		98	98