

BLOWER DOOR USE WITH DIGITAL MANOMETER

Frame Setup (House in Winter Mode)

Set up Blower Door Frame and Curtain

Run Hose through bottom hole in curtain or hole for fan

Hose needs to be minimum 5 feet to side of Blower Door fan exhaust

Install Blower Door Fan (Support Fan so that does not rest on Frame)

Hook up Power Cord to Fan and Wall Receptacle

Hose Hookup

Hook HOSE from OUTSIDE to Bottom port of Channel A on Digital Manometer
(House WRT Outside)

Hook 2nd HOSE to Fan Pressure Tap on Blower Door Fan

Hook other end of 2nd HOSE to Top port of Channel B on Manometer
(Fan WRT Fan Location)

Manometer Setup

Turn Manometer On, Press **MODE BUTTON (2 times)**

This sets **Channel A to Pascals** and **Channel B to CFM50**

Device is already set for Bdoor Model 3 (**BD3**) and Configuration is Set for (**OPEN**) Fan

With Cover still on Fan Perform Baseline Test (**Baseline, Start..wait until number steadies then press Enter**)

Take Cover off fan and Slowly adjust fan speed to **Reach 50pascals on Channel A**

Channel B will begin to estimate CFM50 once house pressure reaches a minimum of 10 pascals

The CFM50 number will become more accurate as you approach 50pa

Accuracy is (+/-1%) when House Pressure reads between 45 & 55 pascals

For more accuracy you may also want to change **Time avg to LONG TERM** Once House Pressure nears 50

Now Read CFM50 once number has become steady

IF CFM50 Less than 2400

Turn off Blower Door install RING A

Press Configuration Button until it Reads A1

Now Retake Blower Door Reading (Reading with Ring A should be less than reading with Open Fan)

IF Can not get House Pressure to 50pa with Open Fan

The Can't Reach Fifty (CRF) Factor is not needed when Mode is set to CFM50 on the DG 700 Gauge because it automatically estimates the CFM50 Reading once House Pressure Reaches 10pascals

DG-700

