

CAPITALHOMEENERGY^{INC}

ADD CAPITAL TO YOUR HOME

Interim Blower Door Test Preparation Checklist:

There are two reasons to have an interim blower test. **1)** to catch any air leakage deficiencies. **2)** to get an accurate ACH (air changes per hour) result, to assure project is on target to achieve the desired ACH goal.

Keep in mind that the blower door test should be done "as operated". Meaning that when the final blower door test is performed, it is under normal operating conditions - as the house operates. (therefore, no vents are sealed)

What to expect: The testing will take 2-4 hrs depending on the size of the home. The site does not need to be shut down, but trades should be made aware that once the testing begins, no one will be able to come and go from inside the home.

Infrared Camera Thermal Scan

- For best results we need a 10°C difference between inside and outside when using Infrared to detect air leakage.
- Please have temporary heat going in the home and raise temperature to 20°C. (keep windows and doors closed to keep the heat in)

Building Envelope:

- all windows, skylights and doors installed with weather stripping, caulking, etc..... (tape doors that are missing weather stripping) IF YOU HAVE TEMPORARY DOORS PLEASE SEAL WITH POLY AND TAPE- AIR TIGHT!
- **WE WILL NEED ONE OPENING SMALLER THAN 40"X 90" TO SET UP OUR BLOWER DOOR FAN IN.**
- Air Barrier must be complete (interior or exterior)
- building wrap should be complete
- insulation should be complete with vapour (where required)
- exterior insulation should be complete – but its not mandatory
- Fireplace openings should be sealed off and air tight (only if the fireplace is not installed yet)
- siding is optional at this point
- seal any openings in the building envelope ie: plumbing, electrical, etc.....
- attic hatch should be closed and sealed
- windows and doors that are missing – poly off and tape with good quality tape

Mechanical and Ventilation:

- tape and seal any exterior HRV ducts (only if HRV has not been installed yet)
- tape and seal kitchen range hood fan duct (only if fan has not been installed yet and there is no damper)
- tape and seal bathroom fan ducts (only if fans are not installed and are separate from the HRV)
- tape and seal furnace or boiler Exhaust and combustion air pipes (only if heating system has not been installed yet)

Plumbing:

- Fill all plumbing traps with water or tape off
- Vent stacks, tape off
- sewer pipes, tape off