

# Blower Door (Envelope Leakage) Testing Checklist

## Before The Test:

- Try to schedule as far in advance as possible providing Square Footage / Conditioned Volume (if known – generally on Manual J) &/or plans to tester
- Pay attention to your air barrier & air sealing efforts as you go
- Make sure all work is completed in the house – toilets, sinks, outlet covers, etc... are installed – no one can enter or leave while testing is happening
- Do not cover or block off any exterior vents or grills especially the dryer vent (even if not installed)
- Clean out fireplace of any ashes – close dampers & door
- Close & latch all windows & trickle vents
- Install any seasonal covers to Evaporative/Swamp cooler, Window AC Units, &/or Whole House Fans
- Leave all bathroom & kitchen exhaust grills open & uncovered
- Leave all HVAC supply registers and return grills open & uncovered
- Make sure all exterior door weather-stripping is in place
- Make sure attic access hatch has weather-stripping in place & hatch is closed
- Run water & make sure all P-Traps are filled (sinks, toilet, bath, shower, floor)
- Make sure all covers are in place; sump pump, future plumbing (basement)



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## At Test Time:

- Inform any trades still working that they cannot open any windows / hatches, turn on any vents, enter &/or leave while testing is going on
- Lock & deadbolt all exterior doors minus the one where test is happening
- Verify items above are still completed – windows latched, attic hatch, etc...
- Close all garage doors (unless we have to use the garage)
- Open all interior doors including closet doors
- Seal off “continuous” running ventilation openings at exterior or interior
- Turn off AC / Furnace – sometimes best to flip switch on unit
- Turn off all fans, including continuous exhaust, kitchen, bath, HRV/ERV
- Turn to Pilot – any natural draft appliance (i.e. Hot Water Heater)

## After the Test:

- Uncover continuous operating vent covers
- Turn HVAC & Ventilation systems back on
- Turn Water Heater & other items back to on position

## For More:

- Blower Door 101: <http://bit.ly/BlowerDoor101>
- How to hit Air Leakage Target: <http://bit.ly/IECC-ELT>
- Air Sealing / Barrier Articles: <http://bit.ly/Air-Seal>
- Blower Door Testing in Illinois: <http://bit.ly/DETtesting>
- Duct Testing in Illinois: <http://bit.ly/DuctTesting>

