



New Jersey
Home Performance with ENERGY STAR®
 Home Performance Audit/ Software Data Collection



Customer: _____
 Street: _____
 City: _____ Zip: _____
 Phone: (Home): (_____) _____ - _____
 Phone: (Work): (_____) _____ - _____
 Owner: Yes No/ Name: _____
 Phone: (_____) _____ - _____

Contractor: _____
 Technician: _____
 Date: _____

Cash-back Incentive only
 Loan Only (5.99%)
 Cash-back and Loan (must achieve 25% savings)
 Income Qualified (must be pre-qualified by EFS)

Fuel Billing Information: Must submit 12 consecutive months of Utility/ Deliverable fuel bills (electric, natural gas, oil, and/or propane). Must submit 12 consecutive months, or extent of occupation if <12 months, of all energy use for dwelling. Current Utility bill with 12-month usage graph acceptable to submit.

BPI Health & Safety Requirements: ANY ISSUES IDENTIFIED BELOW, AS “NEEDS WORK” MUST BE ADDRESSED PRIOR TO INSTALLING ANY ENVELOPE MEASURES. **Comments:**

No Unvented fossil fuel appliances	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
No Loose Asbestos Like Materials	<input type="checkbox"/> OK	<input type="checkbox"/> No Blower Door	
No Visible signs of Active Mold	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
No Exhaust fans vent to attic (must vent to outside the attic, through roof or gable end wall)	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
Dryer Properly Vented to outside (must be semi-rigid metal vent)	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
Existing Carbon Monoxide Alarm	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
No Fuel Leaks	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
Passed CAZ Worst-Case Depressurization	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	
Passed all Worst-Case Spillage, CO, and Draft	<input type="checkbox"/> OK	<input type="checkbox"/> Needs Work	

Moisture Survey: This checklist is provided as a guide for evaluating the moisture load of a home

<input type="checkbox"/> PROPER SIZED GUTTERS ON HOUSE	<input type="checkbox"/> NO INDOOR POOL, HOT TUB, POND, ETC.	<input type="checkbox"/> FOUNDATION DRAINAGE SYSTEM
<input type="checkbox"/> GUTTERS ARE NOT CLOGGED	<input type="checkbox"/> NO UNVENTED COMBUSTION APPLIANCES	<input type="checkbox"/> VAPOR BARRIER ON EXPOSED DIRT
<input type="checkbox"/> GUTTER RUN-OFFS EXTEND AWAY	<input type="checkbox"/> CENTRAL DEHUMIDIFICATION SYSTEM	<input type="checkbox"/> SUMP PUMP OPERABLE
<input type="checkbox"/> PROPER FOUNDATION GRADING	<input type="checkbox"/> WHOLE HOUSE VENTILATION PRESENT	<input type="checkbox"/> SUMP PUMP PIT HAS TIGHT COVER
<input type="checkbox"/> ADEQUATE ATTIC PASSIVE VENTS	<input type="checkbox"/> PROPER CONTROL OF HUMIDIFIER	<input type="checkbox"/> HVAC CONDENSATE DRAINS OUTSIDE
<input type="checkbox"/> ATTIC VENT HIGH & LOW, NOT BLOCKED	<input type="checkbox"/> HOMEOWNER PROPER USE OF HUMIDIFIER	<input type="checkbox"/> ADEQUATE CRAWL VENTILATION
<input type="checkbox"/> EXHAUST FANS TERMINATE OUTSIDE	<input type="checkbox"/> SOURCE VENTILATION BATHROOM	<input type="checkbox"/> BSMT/ CRAWLMECHICAL VENTILATION
<input type="checkbox"/> NO ROOF LEAKS	<input type="checkbox"/> SOURCE VENTILATION KITCHEN	<input type="checkbox"/> DRYER VENT TERMINATES OUTSIDE

Home Performance with ENERGY STAR

Building Model- Program Software Building Model Data Collection

Building Layout	Orientation: Front entrance of house faces:	<input type="checkbox"/> North <input type="checkbox"/> NE <input type="checkbox"/> East <input type="checkbox"/> SE <input type="checkbox"/> South <input type="checkbox"/> SW <input type="checkbox"/> West <input type="checkbox"/> NW																				
	Attachment: There is another dwelling attached to the following building surfaces (e.g. Townhomes, Rowhomes, Duplex)	<input type="checkbox"/> N/A <input type="checkbox"/> Above <input type="checkbox"/> Below <input type="checkbox"/> Front <input type="checkbox"/> Left <input type="checkbox"/> Back <input type="checkbox"/> Right																				
	Buffered Walls: The following walls are at least partially buffered by an unconditioned space (e.g., garage, sunroom)	<input type="checkbox"/> N/A <input type="checkbox"/> Front <input type="checkbox"/> Left <input type="checkbox"/> Back <input type="checkbox"/> Right																				
	Walls: The building has <u>Above Grade</u> walls that are	<input type="checkbox"/> Wood Frame <input type="checkbox"/> Balloon <input type="checkbox"/> Platform <input type="checkbox"/> Masonry																				
	Floors: Dwelling has floors that are over (check all that apply) (Uninsulated heating distribution in the basement = heated basement)	<input type="checkbox"/> Unheated Basement <input type="checkbox"/> Unheated Crawlspace <input type="checkbox"/> Slab <input type="checkbox"/> Heated Basement <input type="checkbox"/> heated Crawlspace <input type="checkbox"/> Overhang <input type="checkbox"/> Other unconditioned space (e.g. garage)																				
	# Conditioned Floors <input style="width: 50px; height: 20px;" type="text"/> <i>(Full Stories Above Grade)</i> Note: Software- enter the <u>above grade sq ft</u> and volume only, on the Building Layout screen in the building model.	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Conditioned Area (sq. Ft)-</td> <td style="width: 33%;">Conditioned Volume (cu. ft.)-</td> <td></td> </tr> <tr> <td>Above Grade: <input style="width: 80px;" type="text"/> sq ft</td> <td>Above Grade: <input style="width: 80px;" type="text"/> cu ft</td> <td></td> </tr> <tr> <td>Basement: <input style="width: 80px;" type="text"/> sq ft</td> <td>Basement: <input style="width: 80px;" type="text"/> cu ft</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">Total Volume (Use for BAS):</td> <td><input style="width: 80px;" type="text"/> cu ft</td> </tr> </table>	Conditioned Area (sq. Ft)-	Conditioned Volume (cu. ft.)-		Above Grade: <input style="width: 80px;" type="text"/> sq ft	Above Grade: <input style="width: 80px;" type="text"/> cu ft		Basement: <input style="width: 80px;" type="text"/> sq ft	Basement: <input style="width: 80px;" type="text"/> cu ft		Total Volume (Use for BAS):		<input style="width: 80px;" type="text"/> cu ft								
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Total Volume (Use for BAS):		<input style="width: 80px;" type="text"/> cu ft																				
Shell Basics	Infiltration Assessment: <i>(Estimated from Visual Inspection or Measured)</i>	<input type="checkbox"/> <u>Low infiltration</u> (some attic air sealing already completed) <input type="checkbox"/> <u>Medium infiltration</u> (typical NJ home- no attic air seal completed) <input type="checkbox"/> <u>High infiltration</u> (Balloon framed- major attic bypasses) <input type="checkbox"/> <u>Measured</u> <input style="width: 60px;" type="text"/> CFM50																				
	Windows: <i>(Predominant window type)</i> <i>(Check one Type & Frame)</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Glazing:</td> <td><input type="checkbox"/> Single pane</td> <td><input type="checkbox"/> Single w/ storm</td> <td><input type="checkbox"/> Double pane</td> <td><input type="checkbox"/> Double w/ low-e</td> </tr> <tr> <td>Frame:</td> <td><input type="checkbox"/> Wood</td> <td><input type="checkbox"/> Vinyl</td> <td><input type="checkbox"/> Metal</td> <td><input type="checkbox"/></td> </tr> </table>	Glazing:	<input type="checkbox"/> Single pane	<input type="checkbox"/> Single w/ storm	<input type="checkbox"/> Double pane	<input type="checkbox"/> Double w/ low-e	Frame:	<input type="checkbox"/> Wood	<input type="checkbox"/> Vinyl	<input type="checkbox"/> Metal	<input type="checkbox"/>										
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Attic/ Roof: <i>As per info recorded on page #7</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Insulation:</td> <td><input type="checkbox"/> N/A</td> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> < R-19</td> <td><input type="checkbox"/> R19 – R38</td> <td><input type="checkbox"/> R38+</td> <td><input type="checkbox"/> R-_____</td> </tr> <tr> <td>Condition:</td> <td><input type="checkbox"/> Good, no noticeable voids</td> <td><input type="checkbox"/> Fair, small voids</td> <td><input type="checkbox"/> Poor, large voids</td> <td colspan="3"></td> </tr> <tr> <td>Ventilation:</td> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> Low</td> <td><input type="checkbox"/> Code (default)</td> <td><input type="checkbox"/> High</td> <td><input type="checkbox"/> Don't know</td> <td></td> </tr> </table>	Insulation:	<input type="checkbox"/> N/A	<input type="checkbox"/> None	<input type="checkbox"/> < R-19	<input type="checkbox"/> R19 – R38	<input type="checkbox"/> R38+	<input type="checkbox"/> R-_____	Condition:	<input type="checkbox"/> Good, no noticeable voids	<input type="checkbox"/> Fair, small voids	<input type="checkbox"/> Poor, large voids				Ventilation:	<input type="checkbox"/> None	<input type="checkbox"/> Low	<input type="checkbox"/> Code (default)	<input type="checkbox"/> High	<input type="checkbox"/> Don't know	
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Ventilation:	<input type="checkbox"/> None	<input type="checkbox"/> Low	<input type="checkbox"/> Code (default)	<input type="checkbox"/> High	<input type="checkbox"/> Don't know																	
Shell Details	Thermal Boundary Construction/ Insulation: <i>(Based on info recorded on page #7)</i>																					
	Exposed wood frame walls (Above Grade)	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																				
	Exposed masonry walls (Above Grade)	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																				
	Buffered walls (Between House and Garage)	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																				
	Exposed floors (overhangs)	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																				
	Buffered floors (Room over Garage)	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																				
Foundation Construction/ Insulation: <i>(Based on info recorded on page #7)</i>																						
Basement masonry walls	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																					
Crawlspace masonry walls	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> R-_____																					
Slab	<input type="checkbox"/> N/A <input type="checkbox"/> None <input type="checkbox"/> <R11 <input type="checkbox"/> R11+ <input type="checkbox"/> Unknown																					
Demographics: (# Occupants)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> _____																					

Home Performance with ENERGY STAR

Mechanical Systems:

Outdoor Temp: _____ °F	Indoor Ambient CO: _____ ppm						
Minimum Draft at Outdoor Temp: (Circle one)							
20°/-2.3pa	30°/-2.0pa	40°/-1.7pa	50°/-1.5pa	60°/-1.3pa	70°/-1.0pa	80°/-0.7pa	90°/-0.5pa
CO Limits:		0 to 25ppm = OK		26 to 100ppm = Recommend Service		>100ppm= Required Service	

Fuel Leaks? No Yes: _____

Combustion Appliance Testing: (Other appliances: gas logs, space heater, ovens, etc.)

Combustion Appliance (Write-in)	CO Un-Diluted	Ambient CO	Vented to Outside
	ppm	ppm	<input type="checkbox"/> No <input type="checkbox"/> Yes
	ppm	ppm	<input type="checkbox"/> No <input type="checkbox"/> Yes
Oven	ppm	ppm	<input type="checkbox"/> No <input type="checkbox"/> Yes

CAZ Depressurization Zone #1 Limit: Location: _____ (Circle the limit below)

(Natural draft Individual DHW = -2) (Natural draft heater or common with natural draft DHW = -3) (Induced draft heater common with natural DHW = -5)
 (Induced draft individual heater = -15) (Powered vented DHW = -15) (Oil w/ barometric damper = -5) (Oil w/ high-static burner = -15)
Note: If you propose to ORPHAN the DHW, the limit at time of Test-out will be -2.0

- Worst Case:** Bath exhaust Fans Kitchen Exhaust Clothes Dryer Attic Powered Ventilators Central Vacuum
 Air Handler/s Bed Doors (+ Closed/ - Open) Basement Door Other Interior Doors

Base Pressure(Fans off) CAZ WRT Outside	Worst Case Pres.(Fans on) CAZ WRT Outside	Net Pressure Change (Worst-Case Pressure) (Base to Worst Case) (CAZ Depressurization)
Pa.	Pa.	Pa. <input type="checkbox"/> Pass <input type="checkbox"/> Fail

Water Heater (DHW):

Default Values: R-value = 5 Energy Factor: Gas = 0.54 Oil = 0.51 Elec = 0.88

Location	≅ Age	Condition	R-value	Gallons	Energy Factor	DHW- Hot Water
		<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor				
Type	<input type="checkbox"/> Tank- standard	Fuel	Venting	Common vented w/ heat?		
	<input type="checkbox"/> Tank- High Effic.			<input type="checkbox"/> No <input type="checkbox"/> Yes		
	<input type="checkbox"/> Tankless			Will Be Orphaned?		
	<input type="checkbox"/> Tankless back-up			<input type="checkbox"/> No <input type="checkbox"/> Yes		

Combustion Testing:

<input type="checkbox"/> N/A- Power/ Sealed Vent	Spillage (<1 minute)	CO (5 minutes) Undiluted	Draft (5 minutes) In Vent
Worst Case (Fans On)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	ppm <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Pa. <input type="checkbox"/> Pass <input type="checkbox"/> Fail
Natural (if fails worst-case)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	ppm <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Pa. <input type="checkbox"/> Pass <input type="checkbox"/> Fail

Note: You must record the CO ppm and draft pa pressure.

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CAZ Depressurization Zone #2 Limit: Location: _____ (Circle the limit below)

(Natural draft Individual DHW = -2) (Natural draft heater or common with natural draft DHW = -3) (Induced draft heater common with natural DHW = -5)
 (Induced draft individual heater = -15) (Powered vented DHW = -15) (Oil w/ barometric = -5) (Oil w/ high-static burner = -15)

Worst Case: Bath exhaust Fans Kitchen Exhaust Clothes Dryer Attic Powered Ventilators Central Vacuum
 Air Handler/s Bed Doors (+ Closed/ - Open) Basement Door Other Interior Doors

Base Pressure(Fans off) CAZ WRT Outside	Worst Case Pres.(Fans on) CAZ WRT Outside	Net Pressure Change (Base to Worst Case) (CAZ Depressurization)	
Pa.	Pa.	Pa.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Heating System #2:

Location	% Load	% Space	Btu (output)	Make/ Brand	Model #	≈ Age/ Year	Heating / Cooling
<input type="checkbox"/> Furnace <input type="checkbox"/> Wall <input type="checkbox"/> Boiler <input type="checkbox"/> HTP <input type="checkbox"/> Elect Resist <input type="checkbox"/>							
Fossil Fuel		Details		Venting			
		<input type="checkbox"/> Nat Gas <input type="checkbox"/> Propane <input type="checkbox"/> Oil	<input type="checkbox"/> Pilot (-71%) <input type="checkbox"/> Condensing (90%)	<input type="checkbox"/> Electronic Ignition (74%) <input type="checkbox"/> Induced Draft (80%) use- (Power Combustion)	<input type="checkbox"/> Atmospheric <input type="checkbox"/> Sealed combustion <input type="checkbox"/> Induced Draft (Power vented at unit)		
		<input type="checkbox"/> <1984 Low speed (1725rpm) <input type="checkbox"/> >1984 High speed (3450rpm)					

Combustion Testing: Turn Heater On: (Turn up t-stat +10 degrees)

<input type="checkbox"/> N/A- Sealed Vent	Spillage (<1 minute)	CO (5 minutes) Undiluted	Draft (5 minutes) In Vent
Worst Case (Fans On)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	ppm <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Pa. <input type="checkbox"/> Pass <input type="checkbox"/> Fail
Natural (if fails worst-case)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	ppm <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Pa. <input type="checkbox"/> Pass <input type="checkbox"/> Fail

Heating Distribution System:

Columns for supply/ return MUST total 100%

Type	Hydronic OR-	Air / Ducts	% of Total DUCT System is Located in Following areas		% Supply	% Return	R-value	Heating/ Cooling- Ducts
	<input type="checkbox"/> Baseboard <input type="checkbox"/> Radiator <input type="checkbox"/> Steam __ pipe <input type="checkbox"/> Radiant	<input type="checkbox"/> Regular Velocity <input type="checkbox"/> High velocity (3" ducts) <input type="checkbox"/> ECM Motor <input type="checkbox"/> Gravity	DUCTS OUTSIDE	Attic <input type="checkbox"/> Poorly vented <input type="checkbox"/> Well vented			R-	
				Vented Crawlspace <input type="checkbox"/> Crawlspace Ceiling Insulated			R-	
				Enclosed crawlspace <input type="checkbox"/> Crawlspace Ceiling Insulated <input type="checkbox"/> Crawlspace Walls Insulated			R-	
				Garage			R-	
			DUCTS INSIDE			Conditioned Space- Basement		
Duct Leak to Outside		<input type="checkbox"/> Software Defaults (25% of system airflow)			<input type="checkbox"/> Duct Blaster Result (Attach Testing results)			

Cooling System #2:

Type:	<input type="checkbox"/> Central A/C <input type="checkbox"/> Heat Pump <input type="checkbox"/> Mini-Split ductless <input type="checkbox"/> None						Ht / Cool
Location of Indoor coil	% Load	% Space	Capacity	Make/ Brand	Outdoor Model #	≈ Age/ Year	

Cooling Duct System: Shared with Heat System - No Yes-Skip

Columns for supply/ return MUST total 100%

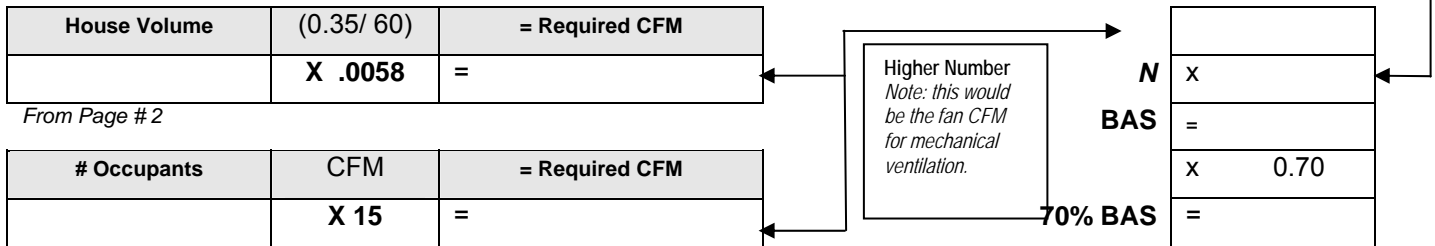
Type	Air / Ducts	% of Total DUCT System is Located in Following areas		% Supply	% Return	R-value	Heating/ Cooling- Ducts	
	<input type="checkbox"/> Regular Velocity <input type="checkbox"/> High velocity (3" ducts) <input type="checkbox"/> ECM Motor <input type="checkbox"/> Gravity	DUCTS OUTSIDE	Attic <input type="checkbox"/> Poorly vented <input type="checkbox"/> Well vented			R-		
			Vented Crawlspace <input type="checkbox"/> Crawlspace Ceiling Insulated			R-		
			Enclosed crawlspace <input type="checkbox"/> Crawlspace Ceiling Insulated <input type="checkbox"/> Crawlspace Walls Insulated			R-		
			Garage			R-		
		DUCTS INSIDE		Conditioned Space- Basement				N/A
Duct Leak to Outside		<input type="checkbox"/> Software Defaults (25% of system airflow)			<input type="checkbox"/> Duct Blaster Result (Attach Testing results)			

Home Performance with ENERGY STAR

Air Leakage- House Preparation for Blower Door Testing: (Confirm that the following items have been addressed)
 (Note: This list may not be all-inclusive, check all areas of the home prior to blower door testing)

<input type="checkbox"/> FIREPLACE/WOODSTOVE ASH COVERED	<input type="checkbox"/> NO LOOSE DRYWALL/ PLASTER	<input type="checkbox"/> NO VERMICULITE INSULATION
<input type="checkbox"/> WATER HEATER TURNED TO PILOT	<input type="checkbox"/> SUSPENDED CEILING TILE DISPLACED	<input type="checkbox"/> NO LOOSE ASBESTOS LIKE MATERIALS
<input type="checkbox"/> T-STAT SET TO "OFF"/FAN TO "AUTO"	<input type="checkbox"/> INTERIOR DOORS OPEN	<input type="checkbox"/> PETS SECURED
<input type="checkbox"/> EXHAUST FANS TURNED OFF	<input type="checkbox"/> CLOTHES DRYER TURNED OFF	<input type="checkbox"/> NO LOOSE SOOT PRESENT IN FLUES

Full Stories Above Grade = N Factor: 1= 18.5 1.5= 16.5 2= 15 2.5= 14 3= 13.3 ←



Estimated Air Flow Reduction: (If not performing Blower Door test during Audit)

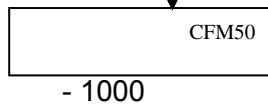
BAS X 0.25 = CFM50 or 1000 CFM50 which ever is LOWER

Increase the number of units/ hours until the proposed REDUCTION is achieved.

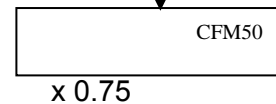
Blower Door Test:

Type of Testing	House Pressure	Pre- CFM ₅₀
<input type="checkbox"/> Depressurization <input type="checkbox"/> Pressurization	<input type="checkbox"/> 50 Pa <input type="checkbox"/> _____	

Proposed CFM50 Reduction: Is CFM₅₀ ≥ 4000? If **Yes**



If **No**



Proposed Air Flow = CFM50

Increase the number of units / hours in the software until the proposed CFM₅₀ is achieved

Note: If the proposed Air Flow < Bas, you must recommend mechanical ventilation, if < 70% BAS you must propose and install mechanical ventilation before proceeding with any additional measures.

Lighting & Appliances:

Bulbs/ Fixtures	Location Class	Hours/day	Quantity	Old Bulb Watts	Total Old Watts	Lighting
<input type="checkbox"/> Bulb <input type="checkbox"/> Fixture	<input type="checkbox"/> Exterior <input type="checkbox"/> Common <input type="checkbox"/> Living	2- max				
<input type="checkbox"/> Bulb <input type="checkbox"/> Fixture	<input type="checkbox"/> Exterior <input type="checkbox"/> Common <input type="checkbox"/> Living	2- max				
<input type="checkbox"/> Bulb <input type="checkbox"/> Fixture	<input type="checkbox"/> Exterior <input type="checkbox"/> Common <input type="checkbox"/> Living	2- max				
<input type="checkbox"/> Bulb <input type="checkbox"/> Fixture	<input type="checkbox"/> Exterior <input type="checkbox"/> Common <input type="checkbox"/> Living	2- max				
Appliance	Location	Type	Make	Model		DHW Appliance/Refrigeration
Refrigerator	<input type="checkbox"/> Conditioned <input type="checkbox"/> Un-conditioned	<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Refrigerator	<input type="checkbox"/> Conditioned <input type="checkbox"/> Un-conditioned	<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Refrigerator	<input type="checkbox"/> Conditioned <input type="checkbox"/> Un-conditioned	<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Freezer	<input type="checkbox"/> Conditioned <input type="checkbox"/> Un-conditioned	<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Clothes Washer		<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Dishwasher		<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Window A/C		<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				
Dehumidifier		<input type="checkbox"/> Standard <input type="checkbox"/> E-Star				

Home Performance with ENERGY STAR

Insulation/ Air Sealing:

(Must record details for minimum 1-Attic/ Ceiling, 1-Above Grade Wall, and 1-Foundation for Building Model)

Insulation Types:	Quality	Voids In Software
<i>N = None</i> <i>ICY = Icynene</i> <i>CE = Cellulose</i>	<u>Good</u> = No Gaps or Compression	None
<i>FG = Fiberglass Batt</i> <i>RF = Rigid Foam Board</i> <i>P = Spray polyurethane</i>	<u>Fair</u> = > 2 ½% to 5 % of area has no insulation	-0.25"
<i>BFG = Blown FG</i> <i>CR = Cross Batt</i> <i>R= Rock/ Mineral wool</i>	<u>Poor</u> = not enclosed in walls	-0.50"

Attic Venting Rate:

Code = 1 sq ft net free area of vent for each 300 sq ft of attic floor- (Gross vent area / 2 ≈ net free area)

Attic Floor sq ft _____ / 300 = _____ x 144 = _____ (A) Minimum REQUIRED square inches net free vent area
Existing square feet of gross vent area= _____ x 72 = _____ (B) Estimated square inches net free vent area
(A) _____ - (B) _____ = required net free vent area square inches

Attics/ Ceilings: Flats/ Slopes/ Kneewall

Location	Framing	Area Sq. Ft.	Ins. Type	Thickness	Quality	R- Value	Ins.- Attic / Roof
	2 x @ O.C.			In.	G F	R-	
	2 x @ O.C.			In.	G F	R-	
	2 x @ O.C.			In.	G F	R	
Kneewalls	2 x @ O.C.			In.	G F P	R	

✓ = NEEDS WORK

<input type="checkbox"/> SEAL TOPPLATES TO DRYWALL	<input type="checkbox"/> TIN & FIRE CAULK AT FLUE/ CHIMNEY CHASE
<input type="checkbox"/> SEAL TOPPLATE PENETRATIONS	<input type="checkbox"/> INSULATE AND SEAL ACCESS <input type="checkbox"/> PANEL <input type="checkbox"/> STAIR
<input type="checkbox"/> DRAFTBLOCK AT CHASES/ SOFFITS/ DROPS	<input type="checkbox"/> BOX RECESSED LIGHTS (DRYWALL, METAL, OR DUCTBOARD)
<input type="checkbox"/> DUCT EXHAUST FANS TO OUTSIDE	<input type="checkbox"/> FIRE BLOCK GAP AT FIRE WALLS (REQUIRES CODE APPROVAL)

Above Grade Walls: Siding Type: _____

Location	Framing	NET Area Sq. Ft.	Ins. Type	Thickness	Quality	R- Value	Insulation- Wall
Exterior	2 x @ O.C.			In.	F	R-	
	2 x @ O.C.			In.	F	R-	
	2 x @ O.C.			In.	F	R-	
Garage Wall (Buffered)	2 x @ O.C.			In.	F	R-	

Framed Floors:

Location	Framing	Area Sq. Ft.	Ins. Type	Thickness	R- Value	Ins.- Foundation / Floor
Overhangs	2 x @ O.C.			In.	R-	
Over Garage (Buffered)	2 x @ O.C.			In.	R-	
Over Crawlspace (Buffered)	2 x @ O.C.			In.	R-	
Band Joists (Buffered)	2 x @ O.C.			In.	R	
	2 x @ O.C.			In.	R	

Foundation Walls & Slabs:

Location/ Type	Length- Linear Feet	Area- Square Feet	Ins. Type	Thickness	R- Value	Ins.-Foundation
Basement Walls (Buffered)				In.	R-	
Crawlspace Walls (Buffered)				In.	R-	
				In.	R	