

# Home Energy Rating Inspection Form

Version: 1.30.04

General Information						
Rater's Name Rater Number						
Date of Site Visit						
ECH Number Property Address						
Homeowner Phone number Email address						
Builder / Remodeler Contact person Phone number Radio number Email address						
Number of bedrooms Oven / range fuel Clothes dryer fuel						

Before you leave the house, make sure:

Filters replaced and air handlers on

Water heaters on

All tape removed from registers

All blower door and duct blaster equipment packed

All ladders and equipment packed

Fresh air intakes untaped

#### **Unconditioned Basement** Hgt Above Total Cavity R Cont. Height Grade Length Value R-Value Front concrete wall Right concrete wall Back concrete wall Left concrete wall Cavity R Total Cont. Height Value R-Value Length Front framed wall Right framed wall Back framed wall Left framed wall Band joist: **Unconditioned Crawlspace** Vented? Υ Ν Hgt Above Cavity R Total Cont. Length Height Grade Value R-Value Front concrete wall Right concrete wall Back concrete wall Left concrete wall Cavity R Total Cont. Length Height Value R-Value Front framed wall Right framed wall Back framed wall Left framed wall

Band joist:

O I'i' I D	1 0				
Conditioned Basem	ent or Crav	vispace			
		Total	Hgt Above	Cavity R	Cont.
	Length	Height	Grade	Value	R-Value
Front concrete wall	Longar	Tioigni	Crado	Value	Tt value
Right concrete wall					
Back concrete wall					
Left concrete wall					
			Total	Cavity R	Cont.
		Length	Height	Value	R-Value
Front framed wall			Ü		
Right framed wall					
Back framed wall					
Left framed wall					
Band joist:					
Barra joiot.					
	Total	Exposed	Depth of	Floor	
	Perimeter	Perimeter	Slab	Area	
Slab on grade					
Slab below grade					
Walls Separating Cor	aditioned or	d Hacandi	tioned Passa	mont/Crowl	cnaca
Walls Separating Col	iditioned at	ia officiali	lioned basei	neni/Crawi	space
				Cavity R	Cont.
		Length	Height	Value	R-Value
Wall					
Band Joist					
Decement / Crowley	ooo Moobo	nical Cycl			
Basement / Crawlsp	ace Mecha	ınıcaı Syst	ems		
	Mfgr	Model	Number	Efficiency	Size
Furnace	····g·				
Indoor coil (ac/hp)					
Outdoor coil (ac/hp)					
Catagor con (ac/rip)					
	Mfgr	Model	Number	Efficiency	Size
Furnace	iviigi	Wiodoi	TTUTTION	Linoidridy	O120
Indoor coil (ac/hp)					
Outdoor coil (ac/hp)					
outdoor con (ac/rip)					
	Mfgr	Model	Number	Efficiency	Size
	ıviigi	IVIOUEI	140111001	- molency	JIZE
Mater htr type:					
Water htr type: Water htr type:					

First Floor of House						
		Cavity R	Cont.			
Framed floor over			Area	Value	R-Value	
Unconditioned basen	nent					
Unconditioned crawls	pace					
Garage						
Ambient						
	Total	Exposed				
	Perimeter	Perimeter	Floor Area			
Slab floor						
				Cavity R	Cont.	
Walls exposed to:		Length	Height	Value	R-Value	
Unconditioned basen	nent					
Unconditioned crawls	space					
Garage						
Attic						
				Cavity R	Cont.	
Exterior walls:		Length	Height	Value	R-Value	
Front						
Right						
Back						
Left						
				Cavity R	Cont.	
Cathedral ceilings	Floor Area	Factor	Area	Value	R-Value	
Vault 1	1 1001 7 11 0 0	1 40101	71100	7 4.40	T T GIGG	
Vault 2						
Vault 3						
Flat ceiling with attic	above					
Mechanical Closet	on the First	Floor or C	Sarage			
				Ги: о:	C:	
Furnace	Mfgr	iviodel	Number	Efficiency	Size	
Indoor coil (ac/hp)						
Outdoor coil (ac/hp)						
Satassi son (domp)	N.44	B 4 1 1	NI	Ε <i>ιι</i> : :	C:	
Motor bir tura:	Mfgr	Model	Number	Efficiency	Size	
Water htr type:						

Second Floor of Ho	use				
				Cavity R	Cont.
Framed floor over			Area	Value	R-Value
Garage					
Ambient					
				Cavity R	Cont.
Walls exposed to atti	c:	Length	Height	Value	R-Value
Attic kneewall #1					
Attic kneewall #2					
Attic kneewall #3					
Attic kneewall #4					
	,				
				Cavity R	Cont.
Exterior walls:		Length	Height	Value	R-Value
Front					
Right					
Back					
Left					
				Covity D	Cont.
Cathodral soilings	Floor Area	Factor	Area	Cavity R Value	R-Value
Cathedral ceilings Vault 1	Floor Alea	racioi	Alea	value	TY Value
Vault 2					
Vault 3					
vadit 5					
Flat ceiling with attic	ahove				
riat coming with attic	40000				
Mechanical Closet	on the Seco	nd Floor			
	Mfgr	Model	Number	Efficiency	Size
Furnace	Ü				
Indoor coil (ac/hp)					
Outdoor coil (ac/hp)					
				-	
	Mfgr	Model	Number	Efficiency	Size
Water htr type:					

Third Floor of House	е				
Framed floor over			Area	Cavity R Value	Cont. R-Value
Ambient					
				•	
Walls exposed to:		Length	Height	Cavity R Value	Cont. R-Value
Attic					
Exterior walls:		Longth	Hoight	Cavity R Value	Cont. R-Value
Front		Length	Height	value	ix-value
Right				+	
Back				1	
Left					
				<u> </u>	<u> </u>
Attic Mechanical Sy	stems				
	Mfgr	Model	Number	Efficiency	Size
Furnace					
Indoor coil (ac/hp)					
Outdoor coil (ac/hp)					
		T		T = 44: ·	T
	Mfgr	Model	Number	Efficiency	Size
Furnace					
Indoor coil (ac/hp)					
Outdoor coil (ac/hp)					

### **Window Types** SHGC Overhang Shade Туре U-factor **Basement Windows** Orientation Width Height Area Type 2 3 4 5 6 7 8 9 10 **First Floor** Width **Windows** Elevation Height Area Type 2 3 4 5 6 8 9 10 11 12 13 14 15

### **Second Floor** Windows

	Elevation	Width	Height	Area	Туре
1					
2					
3					
4					
5					
6					
7					
8 9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

## Third Floor Windows

	Elevation	Width	Height	Area	Type
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Blower Door Test							
	House to Outside Pressure	Fan Pressure	CFM	CRF Factor	CFM50		
Volume Calculation							
Totalio Galdalation	Floor Area	Ceiling Height	Volume	t:			
TOTAL VOLUME				cubic feet			
ACH50 = CFM50 x 60	0 / VOLUME	<b>=</b>					
ACHnat = ACH50 / N	ACHnat = ACH50 / N						
Surface Area of Building Envelope							
Floor		Sq. feet	Leakage pe				
Walls Ceiling		Sq. feet Sq. feet	building env	elope (CFI	viou/ <b>stde</b> ) 		
Total		Sq. feet	.				

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Duct blaster #1	Ducts locat	ted in:				
	Insulation of	on ducts:				
	Area serve	d:	square feet			
		!	<u> </u>			
	Duct to					
	outside	Fan		CRP		
	pressure	Pressure	CFM	Factor	CFM25	
	p.ocou.c	1.0000.0	<u> </u>	. doto.	020	
Duct blaster #2	Ducts locat	ted in:				
	Insulation of	on ducts:				
	Area serve	d:		square feet		
		,		<b>.</b>		
	Duct to					
	outside	Fan		CRP		
	pressure	Pressure	CFM	Factor	CFM25	
	p:00000	1 100000	<u> </u>	1 5.5151	00	
				<del> </del>		
<b>.</b>	<b>5</b>					
Duct blaster #3	Ducts locat			T		
	Insulation of			<u>.</u>		
	Area serve	d:	square feet			
		ī		1	1	
	Duct to			_		
	outside	Fan		CRP		
	pressure	Pressure	CFM	Factor	CFM25	
				<u> </u>		
Duct blaster #4	Ducts locat	ted in:				
Duot bluster #4	Insulation					
				square for	\ <del>+</del>	
	Area served:			square fee	ŧl.	
	Duct to	<u> </u>		<u> </u>	1	
				CRP		
	outside Fan				CEMAGE	
	pressure	Pressure	CFM	Factor	CFM25	
				T T		