

Home Energy Rating Certificate

Property

42 Stratford Crossing
Avon, CT 06001

HERS

Rating Type: Confirmed
Rating Date: 2/25/15
Registry ID: 332569512

Certified Energy Rater: Mark Newey
Rating Number: P15173

HERS Index: 52

General Information

Conditioned Area	3471 sq. ft.	House Type	Single-family detached
Conditioned Volume	44151 cubic ft.	Foundation	Unconditioned basement
Bedrooms	3		

Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 96.7 AFUE.
Water Heating:	Instant water heater, Natural gas, 0.97 EF, 0.0 Gal.
Duct Leakage to Outside	19.00 CFM25.
Ventilation System	Balanced: ERV, 128 cfm, 101.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-45.0	Slab	None
Sealed Attic	NA	Exposed Floor	R-0.0
Vaulted Ceiling	R-29.0	Window Type	U-Value: 0.310, SHGC: 0.290
Above Grade Walls	R-20.0	Infiltration Rate	Htg: 1583 Clg: 1583 CFM50
Foundation Walls	R-6.0	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	83.00	Range/Oven Fuel	Electric
Percent Garage Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	633	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.83	Ceiling Fan (cfm/Watt)	0.00

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	41.0	\$1013	41%
Cooling	0	\$0	0%
Hot Water	3.9	\$180	7%
Lights/Appliances	27.8	\$1308	52%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$0	0%
Total	72.7	\$2501	100%

Criteria

This home meets or exceeds the minimum criteria for the following:

Center For EcoTechnology
320 Riverside Dr 1-A
Northampton, MA 01062
413-586-7350
www.CETonline.org

REM/Rate - Residential Energy Analysis and Rating Software v14.6

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The Home Energy Rating Standard Disclosure for this home is available from the rating provider.