

Home Energy Rating Certificate

Final Report

Rating Date: 2019-10-31
 Registry ID: 515653233
 Ekotrope ID: 123rJlxv

HERS® Index Score:

-4

Your home's HERS score is a relative performance score. The lower the number, the more energy efficient the home. To learn more, visit www.hersindex.com

Annual Savings

\$3,935

*Relative to an average U.S. home

Home:

624 Hardings Wharf Dr
 Kilmarnock, VA 22482

Builder:

Transitions Design-Build

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	6.0	\$190
Cooling	3.0	\$100
Hot Water	2.2	\$74
Lights/Appliances	23.4	\$763
Service Charges		\$79
Generation (e.g. Solar)	38.4	-\$1,127
Total:	34.6	\$79

This home meets or exceeds the criteria of the following:

ENERGY STAR v3
 ENERGY STAR v3.1

Rating Completed by:

Energy Rater: Benjamin Knopp
 RESNET ID: 4283487

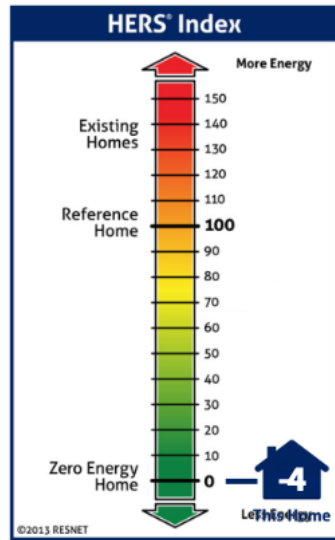
Rating Company: Think Little

Rating Provider:

Viridian
 1431 W. Main Street, Richmond, VA 23220



Benjamin Knopp, Certified Energy Rater
 Digitally signed: 1/3/20 at 8:09 AM



Home Feature Summary:

Home Type: Single family detached
 Model: N/A
 Community: N/A
 Conditioned Floor Area: 3,557 ft²
 Number of Bedrooms: 4
 Primary Heating System: Air Source Heat Pump • Electric • 9.8 HSPF
 Primary Cooling System: Air Source Heat Pump • Electric • 20 SEER
 Primary Water Heating: Water Heater • Electric • 3.87 Energy Factor
 House Tightness: 148 CFM50 (0.22 ACH50)
 Ventilation: 171.0 CFM • 54.0 Watts
 Duct Leakage to Outside: Untested
 Above Grade Walls: R-39
 Ceiling: Vaulted Roof, R-53
 Window Type: U-Value: 0.16, SHGC: 0.16
 Foundation Walls: N/A