


Low Cost Weatherization Projects

Project:	Benefits:	Estimated Cost:	Annual Savings:*	Additional Information:
Weather-strip doors and caulk windows	Weather-stripping and caulking will seal out drafts, dust and moisture.	Caulk: \$3-\$8/10 oz. Weatherstrip: \$2-\$8 for a 10'-17' roll of rubber or foam weatherstrip.	The total savings from sealing your building envelope (projects 1-4) can add up to a savings of 20% on heating costs, or 10% on annual energy bill.	How to Caulk How to Weatherstrip Doors Weatherstripping a Door  Caulking a Window 
Add door sweeps to exterior doors	Door sweeps on the bottom of exterior doors, or doors leading to a hot attic or cool basement, can help reduce uncontrolled air infiltration, moisture, dust, and insects.	\$3-\$10/sweep	See Above	How to Install a Door Sweep
Upgrade attic insulation to a rating of at least R-30 and R-19 under floors	The higher the R-value, the better the attic and floor will be able to resist the transfer of heat during the year.	\$2-\$5/sq. ft.	See Above	Attic Insulation and Sealing Adding Insulation to an Attic 
Insulate your attic drop-down stairs	Most attic doors are made of thin plywood, have no insulation, and fit loosely, so adding a simple foam insulation box can save from energy loss throughout the year.	DIY: \$30 for foam insulation boards and caulk Premade: \$100-\$200	See Above	Insulating an Attic Drop Down
Plant shade trees and shrubs around your house, especially on the west side	Landscaping is a natural and beautiful way to shade your home and block the sun. A well-placed tree, bush, or vine can deliver effective shade in the summer, and allow the sun in during the winter.	Trees: \$10-\$50+; Bushes/Shrubs: \$12-\$50	Three properly placed trees may save an estimated \$100-\$250, & up to 25% of energy consumption from heating and cooling.	Landscaping for Energy Efficiency

*The savings stated here are estimates. There are many factors that can affect the amount you save, including climate, existing conditions, type and quality of materials and installations, and lifestyle choices. Use this table as a guideline.

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Seal holes around outlets with an inexpensive outlet gasket and/or put plastic outlet caps in rarely used outlets	Electrical outlets are common sources of air leakage and drafts in the home. Foam gaskets in between the wall and the outlet cover can reduce these drafts.	\$0.10 - \$2/outlet		Sealing Outlets
Insulate hot water pipes wherever they run through unheated areas	Insulating hot water pipes reduce heat loss by up to 80% and can raise water temperature 2°F–4°F, allowing for a lower water temperature setting. Insulating pipes also conserves water because hot water will arrive more quickly when you turn on a faucet.	\$2-\$8/6 ft. More if contractor is needed to do the more hidden pipes	\$50-\$100 + 6,000 gallons of water for a family of two.	Insulating Water Pipes Pipe Insulation 
Blanket hot water heater	Blanket your water heater if it is stored in a cool or poorly insulated area, and is warm to the touch. The blanket can work as an insulator to help maintain the temperature of the water, thus reducing the amount of energy needed to re-heat water as needed.	\$15-\$30/blanket	\$10-\$20. Around 4%–9% in water heating costs.	Adding a Water Heater Blanket



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