Energy Loss Summary

HEAT IS LOST:

Through the windows: have non conducting window frames, fit shutters, close thick lined curtains and have double or triple glazed windows

Through the chimney: cover in the chimney if not in use (REMOVE IF USING!)

Through the roof: fit loft insulation the thicker the better

Through the walls: have a good cavity (two walls with a gap between) fill this cavity with insulation (cavity wall insulation)

Through gaps: fit sausage dog draught excluders at the bottom of doors, fit draught excluders on letter boxes and around doors and windows

Through the floor: fit thick carpet with thick underlay

Also close doors and windows, fit materials with good U-values, lag pipes and water tanks, think about materials used in construction. Use colour effectively and reflect heat with shiny surfaces, absorb heat with black surfaces.

DO NOT SEAL UP THE HOUSE ENTIRELY YOU WILL SUFFOCATE.

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ENERGY TRANSFER FROM HOUSES SUMMARY

PLACE	HOW ENERGY IS TRANSFERRED	HOW THIS CAN BE PREVENTED
roof	convection +(conduction and radiation)	loft insulation (fibre glass)
windows	radiation +(conduction and convection)	double/triple glazing, curtains, shutters, seal around the edge.
doors	convection	draught excluders, "postman grabbers!"
walls	conduction (+radiation)	cavity wall, cavity wall insulation, wallpaper, plasterboard
floors and vents	convection +(conduction and radiation)	carpets, seal gaps
chimney	convection	"blow up pillow", seal it if not in use

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