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Green Product of the Month: The Sleeve Sentry keeps the wind out and the heat in

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In the wake of completing a geothermal domestic hot water project for a 180-unit apartment building, Randy Herlihy and Rob Feuer were approached with another trying task. The owner of the apartment building, already pleased with the geothermal project, inquired about the 300 odd holes in the side of his building. These sleeves were bothersome to the building owner; conceding that something must be done he sought the help of Randy Herlihy and Rob Feuer.

“Randy and I looked at each other and I could sense he was thinking the same thing.” said Feuer.

“Leave this with us,” Rob and Randy told the building owner, “We’ll have an answer for you.” The 300 holes in the side of the building were sources of tremendous heat loss, and as these holes were for through the wall air conditioning sleeves there was a clear need for a remedy to this architecturally eco-unfriendly shortcoming.

“This was such an intriguing and massive problem. Having never been addressed in a serious fashion, we became immersed in our project of creating the solution to such a problem. Three manufacturers and several designs later, the Sleeve Sentry was ready.” Herlihy said.

“There was a buzz about the product within the weatherization community that was palpable. When the product was tested by the engineering firm of Steven Winters and Associates of Manhattan, the results surpassed even our own expectations,” Herlihy said. “The Sleeve Sentry, when installed and tested, was shown to withstand wind speeds of 150 mph.” Such an ability to withstand hurricane force winds consequently eliminates cold winter air from entering a home, while additionally ensuring that no heat can escape from inside the building.

Green Sentry Solution was born and now we have some new products in our line. Our newest, Window Sentry, is an adjustable product that air seals window air conditioners. It allows you to not have to take out that cumbersome AC window unit and store it when not in use.

Each air conditioner, whether it be a sleeve unit or window unit, is responsible for a minimum of 3.2 million BTU’s of heat loss per season. The Sleeve Sentry manages to entirely shift the dynamic of tolerated heat loss, bringing that number down from 3.2 million BTUs to 0 BTUs. As impressive as this may be, the 5 year product warranty and the ROI of a year is equally valuable.

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