## Advances in Window AC Design

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## Russell Craig

Window air conditioning systems are not fun at all for Ft Myers homeowners to have to install each springtime. These AC units are large, heavy and impossible to move and install by oneself. And, do we truly should talk about how unappealing they are as well? If only there was a much easier, much more eye-catching choice. Well, by the summer of 2017, there may be.

Mechanical engineer Kurt Swanson has actually made a brand-new type of home window AC device called Noria. Swanson, who says he has always wanted thermodynamics, has designed just what is to date, possibly the most eye-catching looking window AC unit. Nonetheless, it is much more than simply visually attractive. It is small enough to be stored under a bed, and it may be programmed with a smartphone. According to Design Milk, "The Noria from Likuma Laboratories is shaping up to be a contender as an intriguing cooling solution..."

"I thought, 'How can I leverage what I know about heat transfer into a better product?' " Swanson said. The airconditioning unit was the obvious choice. "This is a big industry, and people buy these things and universally hate them." (read more...)

Swanson has actually been collaborating with a group at Likuma Labs to get the system ready to market. The objective has been making as powerful of an air conditioner system as possible in as tiny of a design. That thinking has worked well, for what they have developed is 40 percent smaller sized and 25 percent lighter in weight. The lightweight structure is initially set up into the window opening, then the AC device moves into the framework. The whole thing can be kept in exactly what appears like an extra thick briefcase sized box, which could slide under a bed for winter season storage.

The product will launch on Kickstarter April 19, 2016, in hopes of raising adequate money for shipping in the summer of 2017. Initial pricing for the AC system is \$295.

We will certainly be following this and providing updates as the project is introduced.

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