

To whom it may concern,

My wife and I, mechanical and electrical engineers, respectively, contracted with 72 Degrees to have a Solar Cool HVAC system installed in our Cary home. We were initially introduced to 72 Degrees at the Southern Ideal Home Show when we first began researching ultra-efficient systems. They had a Solar Cool system on display and had the knowledge to answer my engineering-based questions after seeing the impressive display.

Jeff Piskorik came out to evaluate our home and provide a quote. His extensive experience in the HVAC industry became immediately apparent, as did his faith in the company he works for. After reviewing more technical information, their quote and being presented with a thorough description of what we would receive, we were ready to move forward with the project. This was well ahead of the Solar Cool panel even having moved its way through the NC regulatory environment and being approved for use by the NC Department of Insurance, even though it is heavily deployed in CA and AZ.

The traditional portion of the system (a Heat-pump and HE gas furnace) was scheduled for installation soon thereafter in the late fall of 2012. The installation went quickly and the few hiccups (defective thermostat, for example) were quickly resolved.

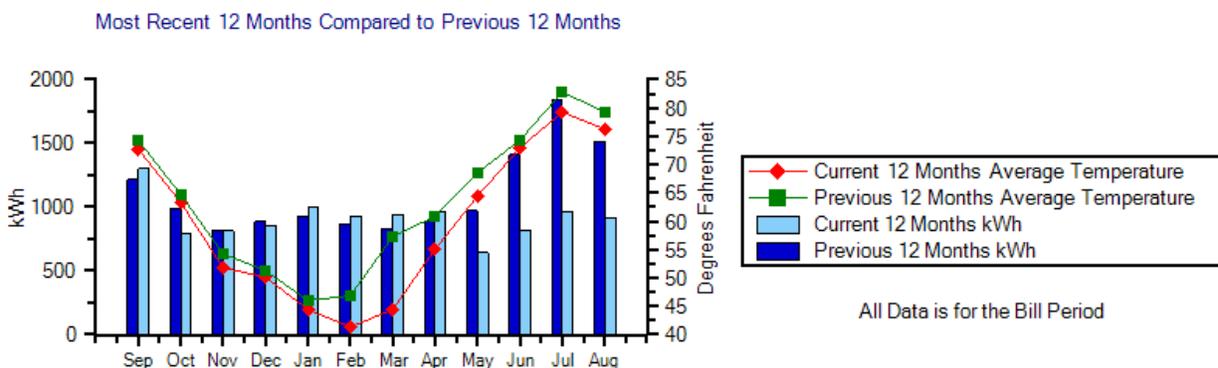
We immediately began reaping benefits, as the Heat Pump could now produce heat down to around 40°F before switching to the more expensive to operate Gas Furnace.

Several months of testing went by before the State of NC gave the green light to the system and in late April of 2013, the Solar Heat Collector was scheduled for installation on our roof. Our home and a few others, over the course of several days, were to be the first installations in the state and the system designer flew to from Arizona to Raleigh to oversee the installations and assure success.

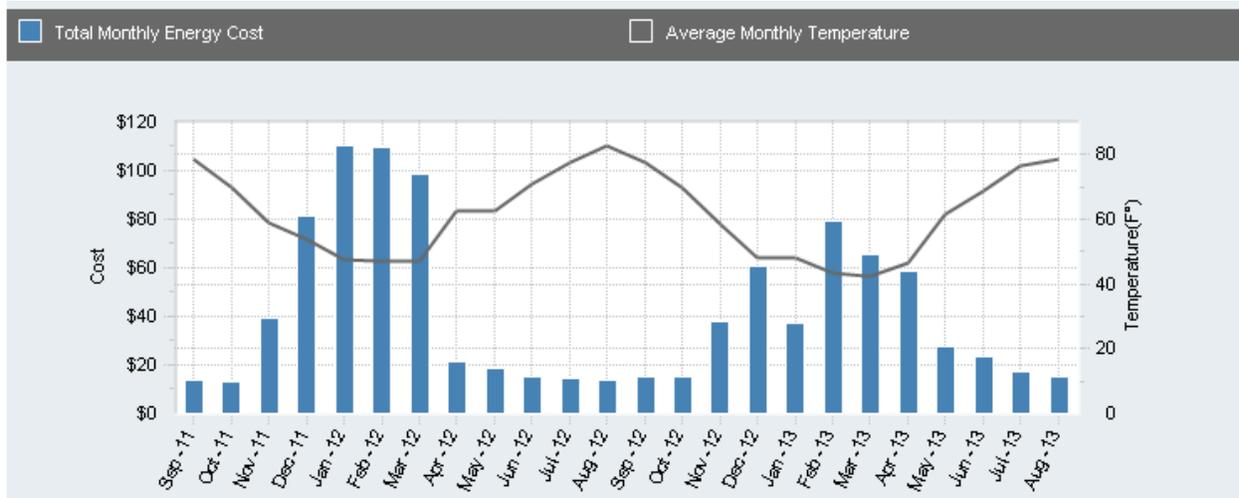
The beauty of the system is its simplicity. There are no moving parts, very little weight, the system works better the hotter it gets and should there be a need for service or repair, everything is accessible. As such, installation of the panel, even as the second one they ever performed, went smoothly. The only hiccup was due to their perfectionist mindset and in wanted to draw as low a vacuum as possible in the now much longer length of refrigerant tubing. The short answer of why to do this is that the less air left in the tubing, the less moisture, which is what destroys components over time.

The vacuum pump was left to run over night until it drew down to an incredibly low vacuum. At this point they were quickly able to complete the refrigerant fill and therefore the installation.

The summer of 2013 was mild compared to most, but the following graph best illustrates our summertime savings; it is quite obvious when the Solar Cool portion was installed:



A small increase in electricity usage can be seen in the months of January through April, as more of our heating was being provided by the Heat Pump than from our old Gas Furnace. Fortunately, this small increase in electricity is offset by the reduced gas usage during those same months. Our natural gas savings were significant, as can be seen below, even though the winter of 2012-2013 was colder than that of 2011-2012.



Since installation, our home has been incredibly comfortable no matter the outside weather. As a techy, I love the Honeywell Prestige thermostat that I can set from my iPhone or a website. The filtration is amazing because of two long-life electrostatic filter guards and two UV light sterilizers before and after the inside coil. It is also *incredibly* quiet; both inside because of the variable speed fan, and outside, which now allows us to have a normal conversation in our screen room when the compressor is running.

Above and beyond the system, which we are obviously very happy with, I am even happier with my choice in contractor. Eddie and his team understand what it means to do things right and everyone I've spoken with in his company made me feel that I was truly cared about as a customer and they all shared the vision and follow the course that Eddie has laid out. As owners of a home improvement business ourselves, we have become astute at quickly determining businesses run as we like to hope ours is and 72 degrees is such a business. I am confident that they are one of, if not the best choice in Heating and Air Conditioning in the Triangle Area.

Best of luck in your decision and I hope this information was helpful.

Sincerely,

Michael Pail

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Cary, NC