



## Ken Field

Owner of Slate Belt Energy Services

*Exclusively in the Blue Valley Times*

### It's Not the Heat

At the risk of repeating myself, I want to explain a little about comfort. Since the human body depends on evaporation to cool itself, a low amount of humidity in the air makes it easy for our skin to give up the perspiration that forms there. As I have also mentioned a few hundred times, there is a pretty large amount of heat that is transferred when water turns to vapor or when vapor turns to water. It is one of the main reasons that smart people invented steam heating systems back in the day. A radiator that uses steam will generate about 1/3 more heat than the same radiator filled with hot water. The difference is not the temperature difference between 211° and 212° either; it is the energy given up when the steam turns back to water. But this is a cooling article so that's all for now on steam heat. A human body can be comfortable at 90° in a low humidity environment. You know what they say "it's not the heat, it's the humidity". There isn't much we can do about the outdoors except to relocate to Arizona but indoors we can control the temperature and the humidity. What is required to do that is a correctly sized air conditioner and keeping the inside air inside. A correctly sized air conditioner has to work pretty hard to remove the humidity. So much so that the indoor temperature will not start to drop until the humidity is low enough because of the amount of energy it takes to condense all that moisture. An oversized unit will cool the air quickly but the air will not feel comfortable. That is a bad situation. I have had many people ask me to install a larger unit and if I would have do that, they probably would hate me for making the house clammy. I know better so it's not something I would ever do. I routinely confirm the size of a unit needed before even giving a proposal. It requires me to measure the house and do a load calculation but I don't trust any rules of thumb or the last contractor. I have never regretted it either. I recently had someone ask me how to get the humidity out of their house after they just had a new unit installed and it's not cheap or easy. It requires either a whole house dehumidifier which is not cheap to buy or operate or a smaller system which a contractor who already made the mistake would never agree to.

**Ken Field is the owner of Slate Belt Energy and Field's Service, Inc. As a certified energy rater and contractor, he is qualified to assess every aspect of energy usage and prescribe solutions to save energy. He can be reached at 610-759-6306 or email Ken@FieldsService.com**

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## COLUMBIA STORAGE GROUP Content Sale

Columbia Self Storage will sell the contents of the occupant's leased space at public auction to satisfy the owner's lien on StorageTreasures.com all personal property stored in this facility by: Unit #800, James Hines, consisting of furniture, appliances and misc. Items. Items will be offered for sale by auction to the highest bidder for enforcement of storage liens.

**Auction will be held at 9AM, Tuesday, July 27, 2021  
on StorageTreasures.com.**

All auction sales are FINAL. Cash only and paid at Columbia Self Storage, 1059 Pennsylvania Ave., Pen Argyl, PA 18072. Columbia Self Storage reserves the right to refuse any bid.

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## Roseto Night Out

**Aug. 3rd 6 pm at the Roseto Ball Park**

Senator Scavello to discuss tax reform, Columbia Fire Co. to do demonstrations, Elks Lodge, Roseto Police will be doing Children ID, Food and drink for purchase, fun & games for kids.

*Photos from 2019 Night Out*



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