

# W. H. Cooke Times

Vol. 2, No. 3, Fall 2015

HANOVER, PA

FREE

QUARTER THREE  
IN REVIEW - PAGE 2

Highlighting a  
Chambersburg, PA

**STEDIWALL** 

Page 4

HVAC and Boiler parts

Page 9

W. H. Cooke Becomes a Key Player in  
Researching Global Climate Change



Pages 5 - 6

Rotors and Energy Recovery De-  
Humidification Solutions



Page 3

FUNNIES



Pages 7-8



1234567890



# Quarter in Review

As we head into winter, being that we are in the temperature business, there will inevitably be customers that need to heat something and combat the cold weather. Whether it is a cooling tower that needs a freeze protection immersion heater in the basin, a boiler that needs spare replacement parts for the impending work load it will see, an outdoor tank that must be kept above freezing, a blanket heater for warming totes, or some other heating application, we can help. Along those same lines, we have taken on a line of insulation for pipes, furnaces, boilers, and other applications. You can see the products [here](#).

We have also taken on a line of surge protection equipment from Stediwatt that can save you the cost of replacing expensive equipment and the potential downtime that a power surge can cause. See page 4.

This quarter has seen us adding more equipment to automate and streamline our manufacturing process allowing us to take on more high volume OEM orders. We have updated our brochure to reflect the new products that we are now offering and that can be viewed and downloaded [here](#).

Through our network of suppliers and manufacturers, we are finding ourselves pleasantly surprised that we can be competitive on many products that we have never sold before. That being said, if you have an industrial part and you want to find out where we come in on price and delivery, please send your requests over. Thank you for your continued business and stay warm, my friends!

Best regards,  
Wayne Cooke Jr.

P.S. If you are a bird watcher, we have a special feature coming to our website, so all of you Audubon Society folks, get ready to bookmark our page. Stay tuned!

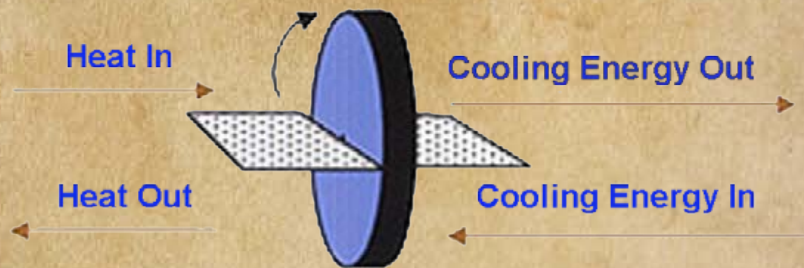


# Desiccant Rotors and Energy Recovery Wheels for Dehumidification Applications

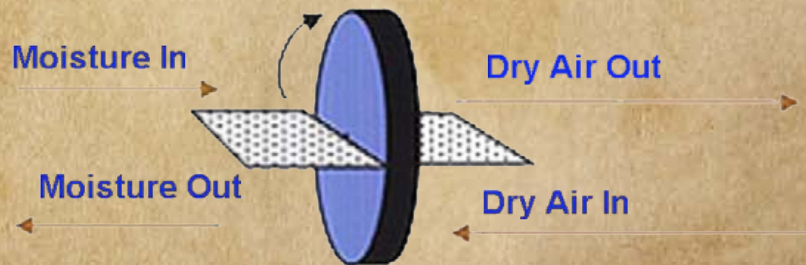
Customers that require stringent control of temperature and low humidity may find that a dehumidification system that includes some form of desiccant is needed. For those customers, the replacement costs of parts for these systems can be extremely expensive. W. H. Cooke & Co. sells many of the HVAC parts for these systems as well as for boilers, furnaces, and other applications at a lower price than the OEM. Please call to discuss your application.



## 1. Heating/Cooling Energy (e.g. 80%) Is Always Returned To Where It Came



## 2. Moisture and Dry Air (e.g. 80%) Is Always Returned To Where It Came





# Stediwatt Transient Suppressors and Power Control Products

By Matt Wootton

Stediwatt, made locally in Chambersburg, PA, has been providing primary and secondary power quality and protection devices to customers since 1974. Do you have any current issues with equipment damage due to lightning strikes, power surges, or transient voltages? At the end of this article are links to a product overview brochure, testimonials on the product, benefits of having this equipment and a list of companies currently using it. If you think you might have a need for this equipment and would be interested in learning more, we would appreciate the opportunity to discuss your needs to see if Stediwatt products can help your company.

## Companies Using Stediwatt

## Benefits of Stediwatt

### Brochure

### Testimonials

## 2016 Cooke Brochure

## 2016 Cooke Line-sheet





# W. H. Cooke Tackles Global Climate Change

W. H. Cooke was contacted by the Oak Ridge National Laboratory in Tennessee to quote and supply special high accuracy multipoint temperature sensors for the "SPRUCE" project in Bovey Minnesota. The sensor assemblies were quite special, took approximately 4 months to procure materials and build. They were all tested prior to being loaded into a van and driven 1250 miles to the job site by Wayne Cooke Sr. and his brother Gary Cooke. Once they located the site (deep inside the Marcell Experimental Forest) the sensors were unloaded and all 50 checked for proper output and to make sure connections were secure after the long overland trek. They were then stored in a mobile trailer for installation at a later date. Read the original story of the SPRUCE project at [Northland News Center](#), republished below.



Bovey, MN (NNCNOW.com) -- Questions about global warming may find answers at a research site north of Grand Rapids. That's where scientists have begun an unprecedented study into how warming temperatures affect ecosystems.

"This is the grandest, most ambitious, climate-related experiment ever attempted on the planet," said USDA Forest Service research scientist, Randy Kolka.

Since 2009, Kolka, Paul Hanson with the Oak Ridge National Laboratory, and other researchers have been working on the SPRUCE.

Story Continued on Page 6



## Continued From Page 5

An acronym for Spruce and Peatland Responses Under Climate and Environmental Change Experiment, SPRUCE will measure how peat land ecosystems respond to changing temperatures. Ten, 35-foot chambers in northern Minnesota's Marcell Experimental Forest will be warmed to different temperatures, ranging from zero to 16 degrees Fahrenheit. Some chambers will have elevated levels of carbon dioxide.

Scientists started warming SPRUCE on August 13. They celebrated the project Wednesday by inviting community members to tour it.

“Our temperature gradient that we're using is going to really inform these global circulation model, the models that predict our future climate,” said Kolka

Just as important is the experiment's location, in the peat lands of northern Minnesota. Peat lands make up just three percent of the earth's land surface, but they contain about 30 percent of the carbon found in soil. It's all that carbon that makes the ecosystems so critical in studying global climate change.

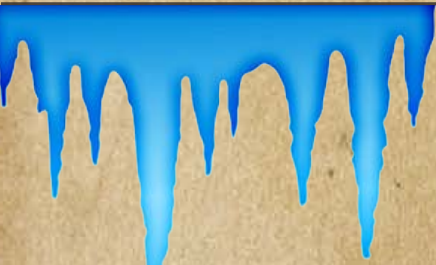
“The two important greenhouse gases that are leading to the warming of our planet are carbon dioxide and methane,” said Kolka, “Those greenhouse gases come out of these peat land ecosystems.”

“Lots of old carbon, lots of uncertainty of what happens to it, if in fact it were faced with warming at various levels,” said Hanson to a group during Wednesday's open house.

It's uncertainty that scientists hope to clear up as they spend the next ten years conducting the experiment.

The project is funded by the U.S. Department of Energy.





It's getting cold in Pennsylvania, folks!

*...how cold is it?*

“It's so cold that...

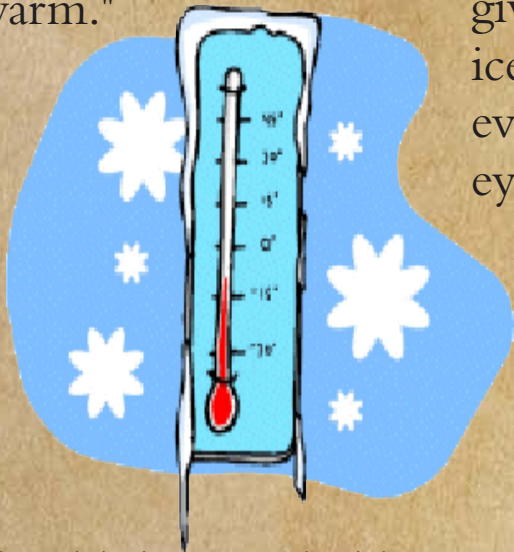
...pickpockets are sticking their hands in strangers' pockets just to keep them warm.”

...I chipped a tooth on my soup!”



Richard Simmons started wearing pants.”

...the optician is giving away free ice scrapers with every new pair of eyeglasses.”



...hitchhikers are holding up pictures of thumbs.”

...I just saw a teenager with their pants pulled up!”  
— ABC11 viewer Stan Donna Smith

...the 49ers coach got a concussion when he was hit with a block of Gatorade.” — Conan O'Brien

...in Maine, lobsters were throwing themselves into boiling pots.” — Craig

Sources: <http://www.jokes4us.com/>





Q: What do you get from sitting on the ice too long?

A: Polaroids!

Q: What did the big furry hat say to the warm woolly scarf?

A: "You hang around while I go on ahead."



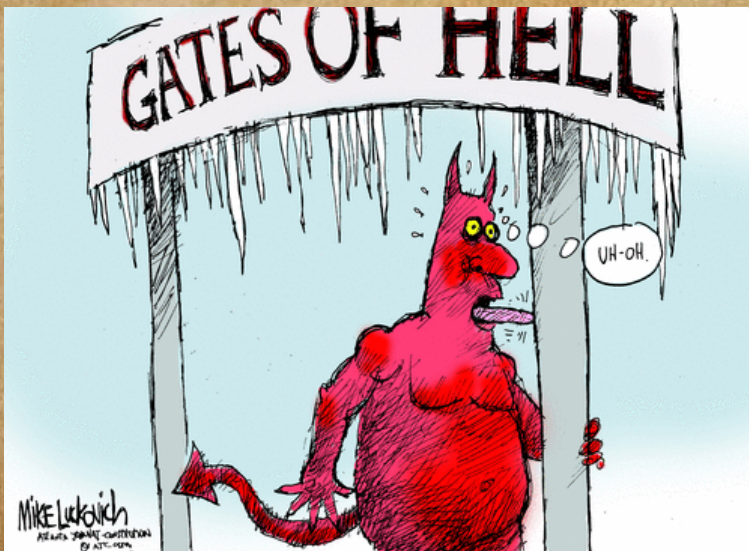
Q: What do you call a reindeer with no eyes?

A: I have no eye deer.

Q: What do you call ten Arctic hares hopping backwards through the snow together?

A: A receding hare line.

My husband and I purchased an old home in Northern New York State from two elderly sisters. Winter was fast approaching and I was concerned about the house's lack of insulation. "If they could live here all those years, so can we!" my husband confidently declared. One November night the temperature plunged to below zero, and we woke up to find interior walls covered with frost. My husband called the sisters to ask how they had kept the house warm. After a rather brief conversation, he hung up. "For the past 30 years," he muttered, "they've gone to Florida for the winter."









6868 York Road  
P. O. Box 893  
Hanover, PA 17331

# W. H. Cooke and Co., Inc.

[sales@whcooke.com](mailto:sales@whcooke.com)

717-630-2222

[www.whcooke.com](http://www.whcooke.com)