



# THE PROAC PRESS



PROAC Corporation

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## WELCOME TO THE PROAC PRESS



**EXTRA! EXTRA! Read All about it!**

### ASHRAE RECOGNIZES BENEFITS OF UV-C LIGHTING IN HVAC SYSTEMS

The American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) has “recognized the benefits of UV-C lighting in HVAC systems as demonstrated by several studies”. This technology is also known as Ultra Violet Germicidal Irradiation (UVGI). Some of the key health benefits cited by the ASHRAE research committee include:

- The UV-C wavelength inactivates micro

organisms in HVAC systems and evaporator coils at a kill ratio of 90% or higher depending on the lamp placement , length of exposure and light intensity. The technology is effective against bacterial, fungal and viral aerosols.

PROAC Corporation and it’s partners are now offering the Steril Aire line of UV-C lighting. Please contact us today to learn how this



UV-C Lights Installed in HVAC Plenum



### EMPLOYEE SPOTLIGHT - Nancy Pickett, Senior Sales Engineer

Nancy has been with PROAC Corporation for over 16 years. Prior to joining our team, Nancy worked in the food service industry.

Nancy has been recognized by the National Air Duct Cleaners Association (NADCA) as an Air

Systems Cleaning Specialist (ASCS) and during her tenure Nancy has not only acquired extensive knowledge of the HVAC maintenance industry, she has also developed relationships with engineers, mechanical contractors and building maintenance

personnel.

Nancy is always looking for ways to create a win/win situation for the client and the company.

In her spare time Nancy enjoys spending time with her seven grandchildren and also

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#### Special points of interest:

- Properly maintained Cooling Towers promote energy savings.



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**We are responsible for our client's satisfaction**



## It's Time to Clean Those Cooling Towers

When it comes to building maintenance, the cooling tower is often overlooked. This is according to Chris Walton, assistant manager, marketing communications for the Baltimore Air Coil company (BAC). However a properly maintained cooling tower can lead to lower energy costs and overall lower system maintenance costs. Neglecting the cooling tower will result in higher than desired return water temperatures. A temperature increase of as little a 2°F can result in a 6% increase in energy consumption as the unit must operate longer at higher fan horsepower while trying to achieve the design water temperature. A properly maintained cooling tower also helps to eliminate rust and corrosion as well as control bacterial growth such as the Legionella bacteria.

In addition to annual cleaning as suggested in ASHRAE 180, maintaining

mechanical equipment such as belts and electrical equipment will aid in energy savings as well. Nozzles are also very important because they distribute the water uniformly over the fill, ensuring maximum capacity from the tower.

PROAC Corporation has been providing cooling tower maintenance including fill replacement, coating, and overall cleaning to a wide range of industrial, institutional and educational clients for many years.

Please call us for a free quote on your cooling tower needs.