



In This Issue:

- No Time for Down Time
- Breaking Down the Incoming Dirt Load
- Gift Cards for Photos

No Time for Down Time

Have you taken all the necessary steps to help prevent unscheduled cooling tower or condenser system downtime this summer season? With increased demand upon cooling towers and condenser systems due to the summer heat, one cannot afford to have their HVAC system shut down unexpectedly. By taking the simple step of including filtration systems, such as hydrocyclone separators and sand media filters on a condenser system, one can significantly reduce the chance of dirt related downtime. When determining if a sand filter or hydrocyclone separator is necessary, ask yourself if you can afford to have your condenser system out of commission.

Breaking Down the Incoming Dirt Load

What size and type of particulate will makeup the incoming dirt load of condenser systems and cooling tower? The United States Environmental Protection Agency (EPA), categorizes particulate matter into two groups, PM 10 and PM 2.5. The EPA defines PM 10 as particulate ranging from 10 micron to 2.5 micron, and PM 2.5, as particulate smaller than 2.5 micron. According to the EPA's research, the vast majority tonnage of particulate matter in the United States falls within the PM 10 category and larger; meaning most of the incoming particulate is well over the size of 2.5 micron. Additionally, the major percentage of PM 10 and larger particulate is comprised of dust particles. By better understanding the incoming dirt load, you can decide whether a Puroflux sand media filter or hydrocyclone separator will be the right choice for your unique installation.

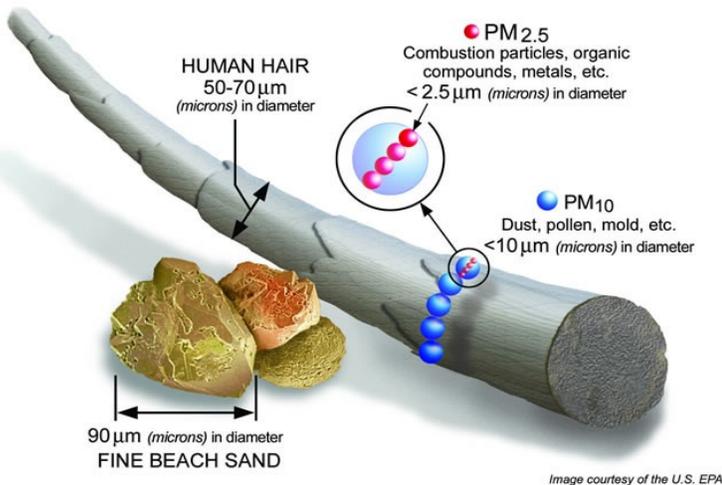


Image courtesy of the U.S. EPA

Money for Installation Photos & Testimonials

This month's photo is of two Puroflux PF-63 series hydrocyclone separators, submitted by Timberlake and Dickson - Dallas. Originally, the end user was concerned about the buildup of particulate and debris within the condenser system, along with the potential for additional water loss from purging. By utilizing a hydrocyclone separator system with a bag filter style recovery vessel, no additional water is used during the purge cycle.

Puroflux is always looking to improve its library of installation photos and white papers. If you submit a testimonial that is then published by Puroflux you will be awarded a \$50.00 gift card. Alternatively, if you submit a photo that is published, you will be awarded a \$25.00 gift card.

