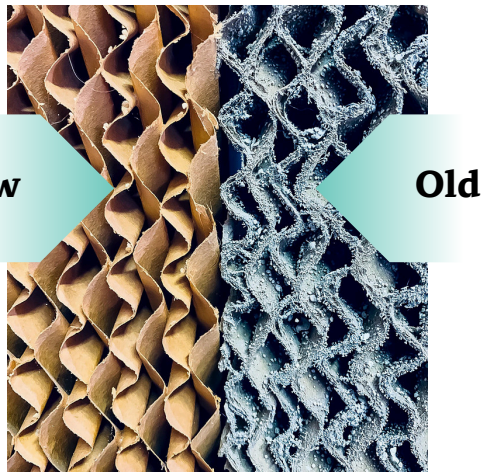
MEDIA REPLACEMENT

Average media lifespan is 3-5 Years



Signs that it is time to replace your media:

- -Sagging or slumping media
- -Foul Odor
- -Scale or Particulate Build Up
- -Discolored media
- -Shrinkage (ie: media falls out of equipment)
- -Media Sheet Failure (sheets coming apart)
- -Media is unable to fully saturate

WHEN IS IT TIME TO REPLACE OLD MEDIA?

Media manufacturers design the pads to have an average lifespan of about 3-5 years when maintained according to the manufacturer's recommendations and used during a typical cooling season of 6 months/year. This life expectancy may lower in severe applications (improper pH, high mineral content in water source, etc.) or the life expectancy may even exceed 5 years if the system is very well maintained in an optimal environment (proper pH, good water distribution/flushing, etc). During start up and shut down seasons of your equipment is always the best time to inspect your media.. Always remember that every situation is different so some may have to replace sooner than others, but in the end keeping up with replacement may be what saves you the most. After all buying media is a small price compared to having to replace the entire cooling system!

Specific application variations can reduce media lifespan:

- -Uneven water distribution
- -Inadequate flush cycles
- -Improper pH levels
- -High mineral content in water source
- -Lack of drying cycles
- -High ambient particulate levels
- -Biological fouling
- -Longer cooling seasons

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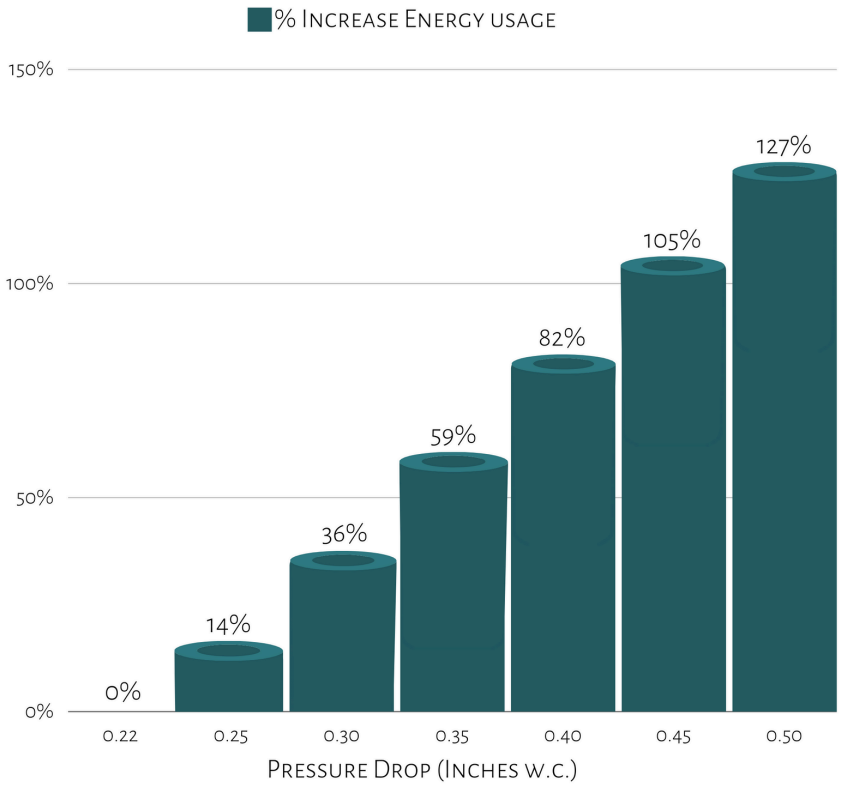
JUST HOW MUCH IS THAT OLD MEDIA COSTING YOU?

Increase in energy usage (%) as Pressure Drop Increases.



Fresh, clean evaporative media starts at a pressure drop of about 0.22" w.c. (12"depth, 500 fpm).

As the media becomes clogged with scale, the pressure drop is increased incrementally.

The increased resistance in airflow results in higher energy costs as the fans work harder to overcome the increased pressure drop.

Once the pressure drop reaches 0.5" w.c. you could be paying up to 127% more in energy costs!

Keeping old media in your unit is costing you money everyday. Make sure you replace your media when needed and keep up on media maintenance.

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