



It gets worse. As the wheels plug up no energy is recovered. In fact, it takes more energy to operate the equipment because the plugged wheels create a large pressure drop that puts more demand on the AHU's and chillers to maintain temperature. It's a vicious circle and only the power company wins.

Eventually the 100% outside air design will fail. The energy wheels will plug. Contaminated air from the casino floor will hit the plugged wheels and cross contaminate the supply air. There will come a time when the casino will start to stink and you can't keep temperature in the building unless you recirculate conditioned air. If you have chillers you will last longer but eventually you will have no redundancy. We are not dreaming this up. We see it every day.

The bottom line here is involve us in the mechanical design of the casino floor and you will save millions on first cost and millions in energy bills over the life of the HVAC equipment. Not to mention your casino will be void of tobacco smoke and odor.

**Here is what we can do for you.**

- Fix the 100% Outside Air Design discussed above.
- Create a completely controlled environment on the casino floor totally void of tobacco smoke and odor.
- Allow you to re-circulate 50% or more of the conditioned air back onto the casino floor generating hundreds of thousands of dollars in energy savings.
- If applicable, prolong the life of your energy recovery wheels and reduce the maintenance in half.
- Prolong the life of your chillers and rooftop air handlers by reducing run time.
- Increase Gaming Revenue / Attract new customers, existing customers stay longer.
- Increase Employee Productivity / Eliminate 90% or more of the VOC's in the breathing zone. Use clean air as a tool to hire the most talented casino floor employees.

For More Information: <http://www.casinoair.com/casino-air-vs-100-outside-air/>