



Indoor Air Quality Technology

*Remove Dust and Pollen
Neutralize Odors and Gases
Reduce Energy*

Website | Wastewater | Industrial | Commercial | Ionization Science | About Aerisa

Greetings!

Using the ASHRAE 62.1 IAQ Procedure

Aerisa ionization systems can be applied to existing air handling equipment, existing ductwork or even within the space itself with special stand alone units. Whether Aerisa's products are being applied for energy reduction using the ASHRAE 62.1 IAQ Procedure or for general improvement of the Indoor Air Quality, our systems are easily applied and require little to no maintenance. They consume very little power and can be connected to building management systems for ongoing monitoring.

Through the use of the IAQ Procedure in ASHRAE Standard 62.1, "Ventilation for Acceptable Indoor Air Quality," outside air (OA) intake may be significantly reduced **up to 66%** when utilizing Aerisa's ionization technology. Facilities such as schools, churches, gyms, and auditoriums are all candidates--any place with lots of people. By ionizing (cleaning) the air within the facility, OA required to dilute emitted pollutants may be greatly reduced.



When OA is reduced, the following compelling benefits are realized on new construction projects:

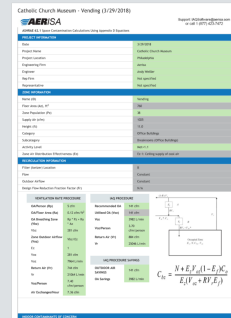
- Lower capital costs for heating and cooling equipment
- Smaller ductwork, electrical service, roof penetrations and structural supports
- Reduced installation costs
- Reduced ongoing energy costs
- Reduced project financing costs

For existing AC systems or replacements, the ongoing energy savings will offset the cost of Aerisa ionization equipment in **1-2 years** in most cases.

Provided with some basic design information, Aerisa will return a full set of ASHRAE 62.1-2013 IAQ Procedure calculations documenting that resulting pollutant concentrations remain lower than acceptable levels.

Some of the details included in the report are:

- Project information
- Zone information including area, population, supply air, type of space and air distribution.
- Recirculation information including AHU configuration, a comparison between the Ventilation Rate Procedure and the IAQ Procedure, and formulas and schematics.
- Outside Air savings
- An analysis of 22 specific gases and the results using the IAQ Procedure



sample report

Click here for an example of our [report](#):

Click here to [find your local representative](#):

Click here to see [how ionization works](#) in a commercial environment. A general [commercial product brochure](#) is available here.

ABOUT AERISA

Aerisa manufactures bipolar ionization technology that results in **dramatic air quality improvements** in a wide array of markets including industrial, institutional, commercial and residential. Aerisa successes are found in the most demanding applications, such as wastewater treatment, food processing, casino, athletic, and transportation.

CALL OR EMAIL TODAY TO DISCUSS YOUR SPECIFIC APPLICATION
(404) 990-1011 or info@aerisa.com

To put Aerisa's revolutionary Indoor Air Quality technology to work for you and your company, please visit Aerisa.com or call (404) 990-1011.

Sincerely,

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