

Energy Efficient Indoor Air Quality Improvement Is Critical to Commercial Office Operations

The Challenge

In a post COVID-19 environment, in order for commercial office building workers to confidently return to work, property owners and business leaders must be able to demonstrate that the indoor air quality (IAQ) of their office spaces provides a healthy, safe, and hygienic environment for all occupants.

The Solution

ripKurrent has developed an innovative, energy efficient, and cost-effective platform to MEASURE, MONITOR, and CONTROL the indoor air quality for commercial office buildings. Utilizing a combination of bipolar ionization technology, IOT smart sensors, cutting edge digital hand sanitizers, and a robust analytics and reporting application, ripKurrent, LLC is able to dramatically improve your facility's IAQ and communicate the results to your employees, company leadership, and property owners.

The Result

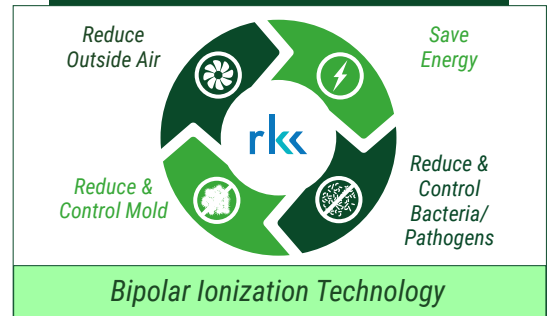
By implementing the ripKurrent, LLC solution in all areas of your facility your business will be able to provide & document a healthy, safe, and hygienic indoor environment. Some of the benefits realized include:

- Reduced risk of transmission of harmful airborne contaminants/viruses to all building occupants
- Reduced risk of mold growth through your facility
- Reduced employee absenteeism due to illness
- Instilled confidence in your customer base that your facility is safer than competitor's facilities
- Improved employee cognitive ability and productivity

Bipolar Ionization Feature	Benefit
AGGLOMERATION <small>DUE TO +/- ION CHARGE, PARTICLES STICK TOGETHER</small>	<ul style="list-style-type: none"> - REDUCES the amount of time particles are suspended in the breathing zone - IMPROVES filter capture rate of airborne particles - IMPROVES the effectiveness of manual surface cleaning
OXIDATION <small>DUE TO +/- ION CHARGE, VOC's ARE DESTROYED</small>	<ul style="list-style-type: none"> - REDUCES the amount of VOC's present - NEUTRALIZES objectionable odors - IMPROVES the safety of a facility's indoor air quality
NEUTRALIZATION <small>DUE TO +/- ION CHARGE, HYDROXYLS RENDER PATHOGENS INACTIVE</small>	<ul style="list-style-type: none"> - REDUCES and deactivates harmful viruses* - REDUCES and deactivates harmful bacteria* - IMPROVES the safety of a facility's indoor air quality

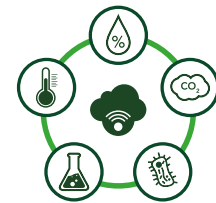
*Test results showing: kill rate, time period, and independent testing agency information can be furnished upon request.

The Complete IAQ Package



Bipolar Ionization Technology

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IOT Smart Sensor for IAQ Monitoring

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Digital Hand Sanitizer w/IAQ Score Display

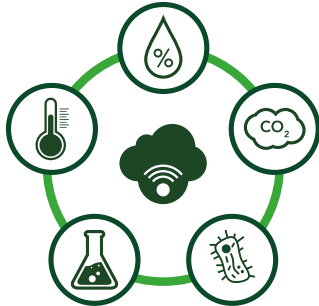
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Dashboard / Analytics Reporting Application

IAQ Measure, Monitor, and Control Architecture

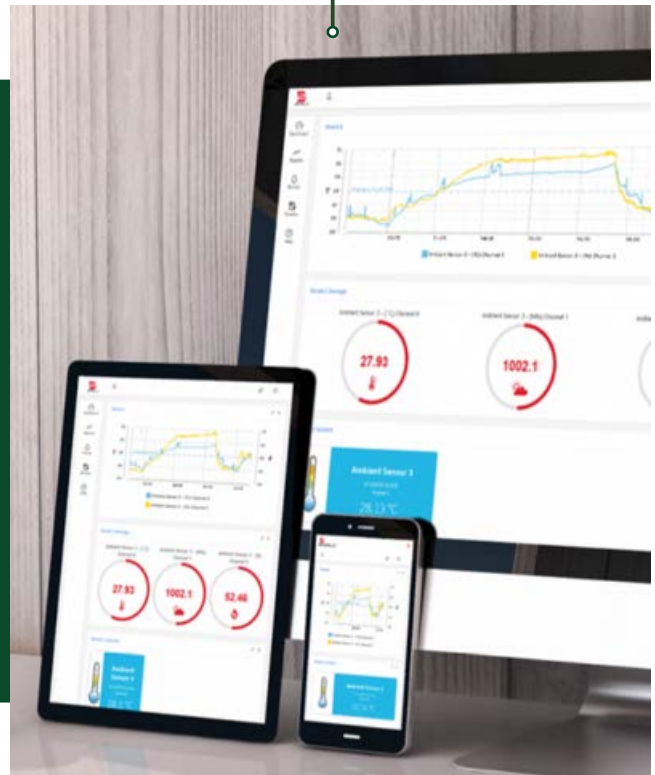
IOT Smart Sensor for IAQ Monitoring



-  TEMPERATURE
-  HUMIDITY
-  VOC's
-  PARTICULATE MATTER
-  CO₂



*Digital Hand Sanitizer
with IAQ Monitoring*



*Dashboard / Analytics
Reporting Application*