

CASE STUDY- RISE31 CYCLING STUDIO

IAQ Monitoring performed to observe the effects of Plasma Ion air purifiers during peak hours



AT A GLANCE

Challenges

- Need to determine the current state of IAQ at RISE31
- Need to be able to gauge the effects of IAQ treatment with Bi-Polar Ionization to validate treatment
- Customers concerned with returning to gym during pandemic

Benefits

- IAQ monitoring revealed 30-40% improvement in VOC's and PM2.5
- Customers appreciated the proactive measures being taken by RISE31

KEY HIGHLIGHTS

Monitoring

RISE31 management reported positive feedback from customers previously concerned with returning to a gym environment. Customers appreciated the proactive approach of monitoring IAQ to catch issues early on.

IAQ Index Score

The RISE31 location was showing IAQ index scores in the "GOOD" range of 6-7 without the use of Migrion purifiers the IAQ score increased to "EXCELLENT" range with the use of the Migrion purifiers

OBJECTIVES

Over a two-week time period, Rise31 studio in Delray Beach, Florida had its indoor air quality (IAQ) monitored using the Migro MP-B3 IAQ Monitor. The study was performed in order to gauge the baseline state of IAQ at the fitness studio prior to adding Migrion Air Purifiers to its HVAC system and to observe the corresponding effects on Volatile Organic Compounds (VOC's) and Particulate Matter (PM2.5).

Migro's team gathered data sets for classes being held by Rise31 one week apart from each other, with week 1 classes being used as baseline observation of the normal IAQ conditions within the studio, with week 2 classes IAQ being monitored after the activation of the Migrion Air Purifiers.

OBSERVATION SUMMARY

It was determined that the current state of IAQ at RISE31 prior to the deployment of air purifiers was already in a state well within industry standards for Healthy IAQ.

After a week of observation, it was determined that the VOC's and PM2.5 saw a **reduction of 30-40%** during the same RISE31 scheduled classes during the week in which the Migrion Purifiers were activated and operational.

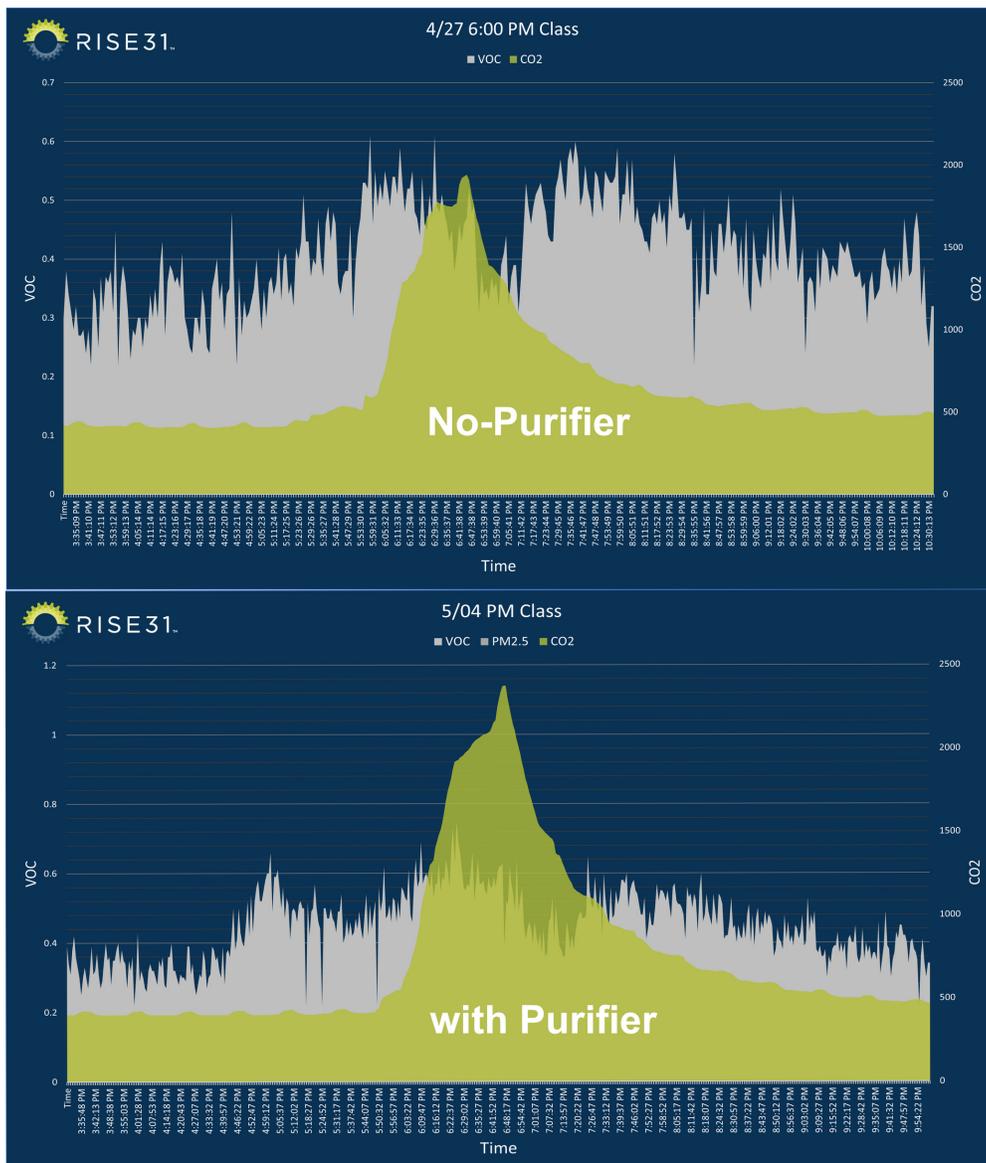
IAQ index score (which measures VOC's and PM2.5 as compared to industry standards) saw improvement from "Good" to "Excellent" while Migrion Air purifiers were activated

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CLASS 1 COMPARISON



Summary

Comparison is of the same class one week apart. The CO2 levels shown display that there were approximately 30% more attendees at the 5/4 class then on the 4/27 class. The comparison shows that even with the increased number of attendees the VOC's remained the same with the use of the Migron Air Purifiers on 5/4.

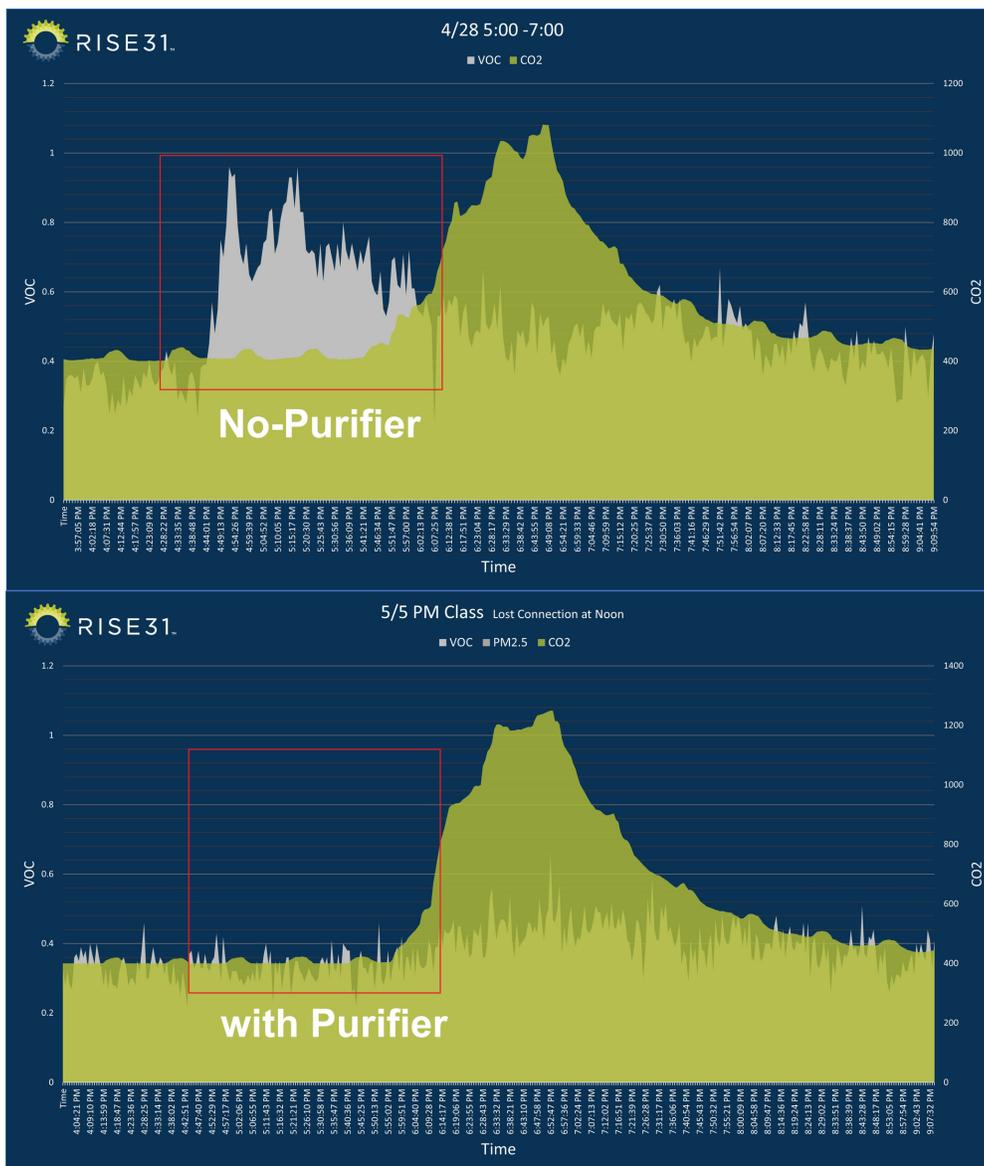
*CO2 being shown as a identifier of increased traffic into RISE31

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CLASS 2 COMPARISON



Summary

Comparison is of the same class one week apart. The CO2 of similar magnitude shows approximately similar quantity of attendees were in each class. The comparison records significant reduction in VOC's with levels being reduced from 0.9 to 0.5 once purifiers were activated

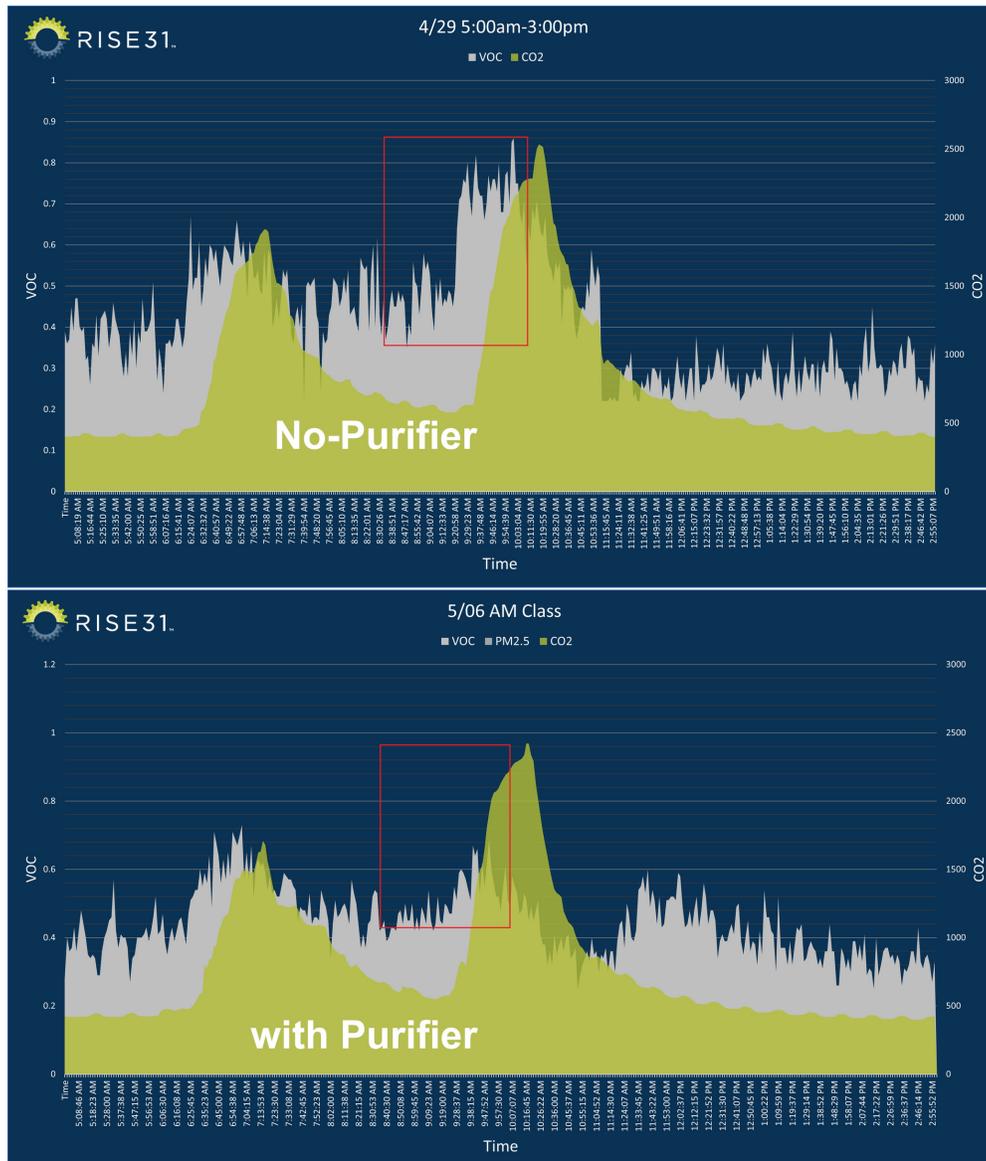
*CO2 being shown as a identifier of increased traffic into RISE31

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CLASS 3 COMPARISON



Summary

Comparison is of the same class one week apart. The CO2 of similar magnitude shows approximately similar quantity of attendees were in each class. The comparison records significant reduction in VOC's with levels being reduced from 0.85 to 0.65 once purifiers were activated.

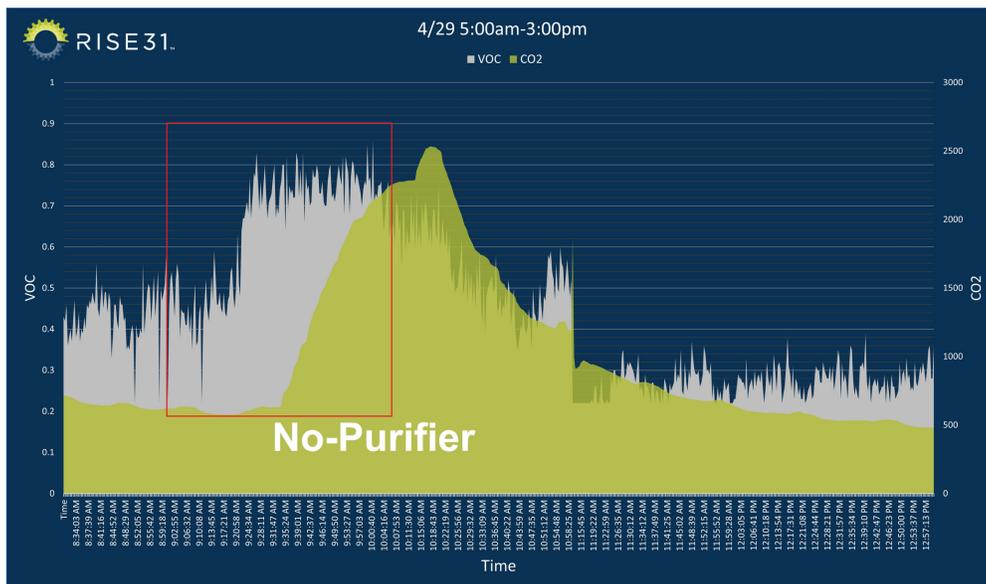
*CO2 being shown as a identifier of increased traffic into RISE31

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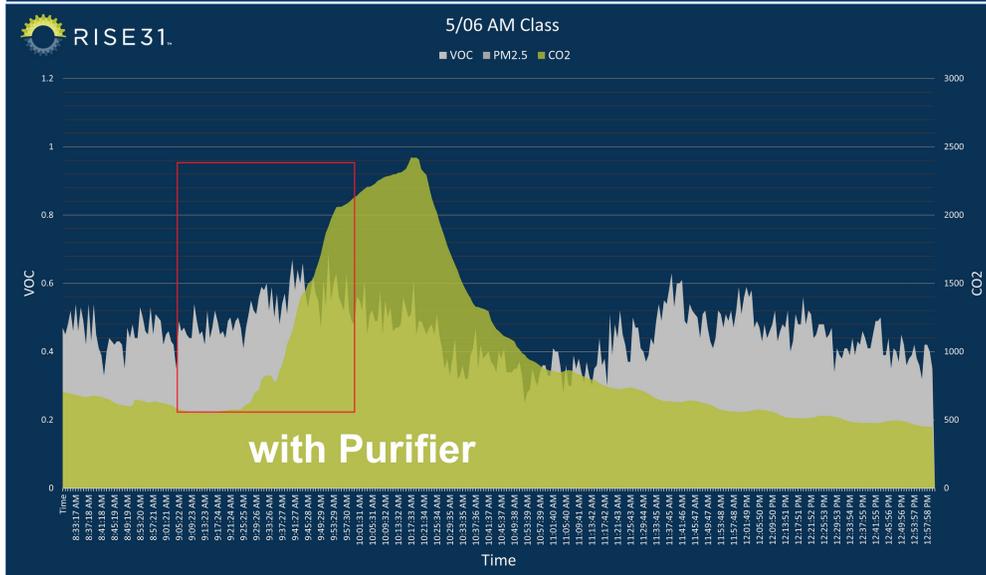


CLASS 4 COMPARISON



Summary

Comparison is of the same class one week apart. The CO2 of similar magnitude shows approximately similar quantity of attendees were in each class. The comparison records significant reduction in VOC's with levels being reduced from 0.85 to 0.62 once purifiers were activated.



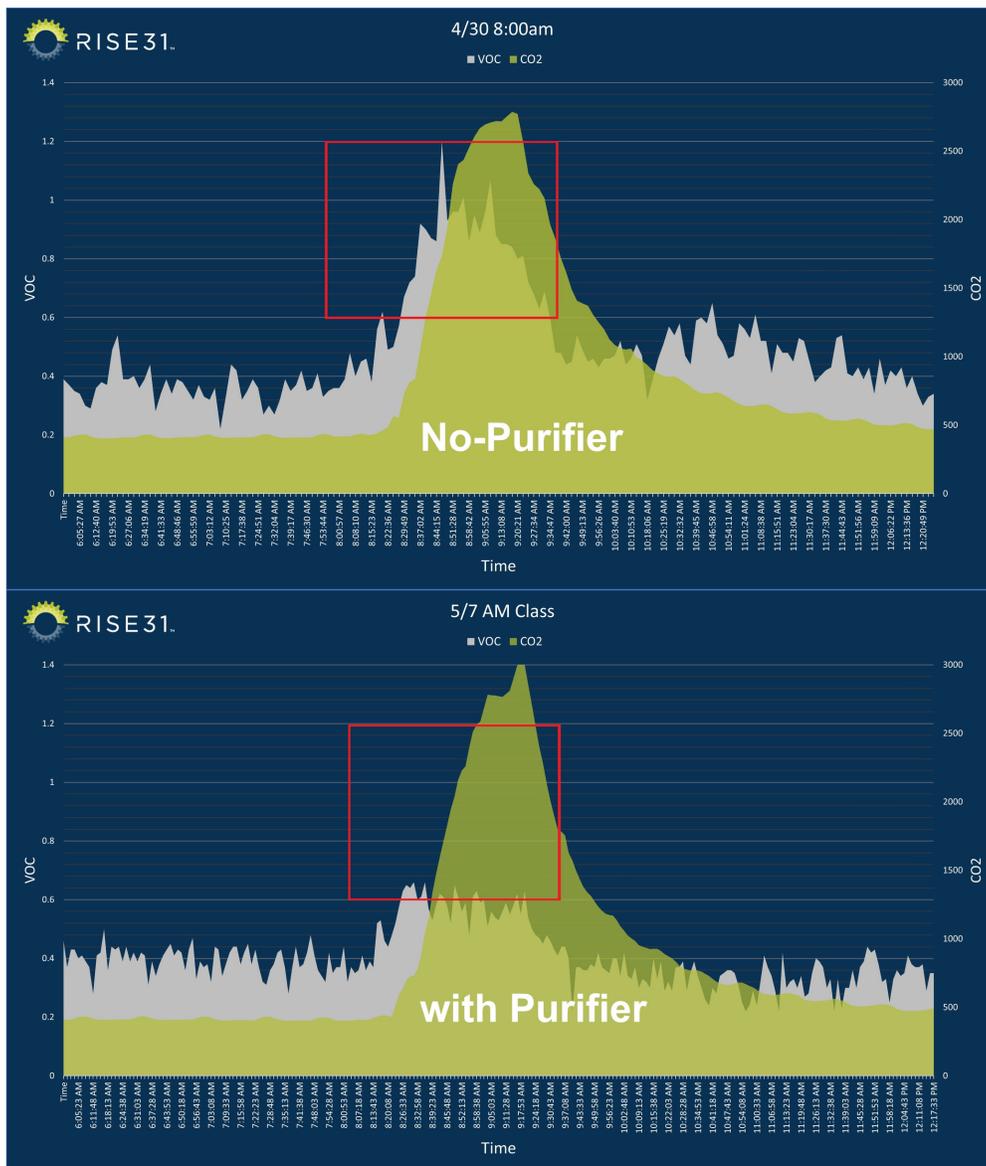
*CO2 being shown as a identifier of increased traffic into RISE31

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CLASS 5 COMPARISON



Summary

Comparison is of the same class one week apart. The CO2 of similar magnitude shows approximately similar quantity of attendees were in each class. The comparison records significant reduction in VOC's with levels being reduced from peaks of 1.2 to 0.65 once purifiers were activated.

*CO2 being shown as a identifier of increased traffic into RISE31