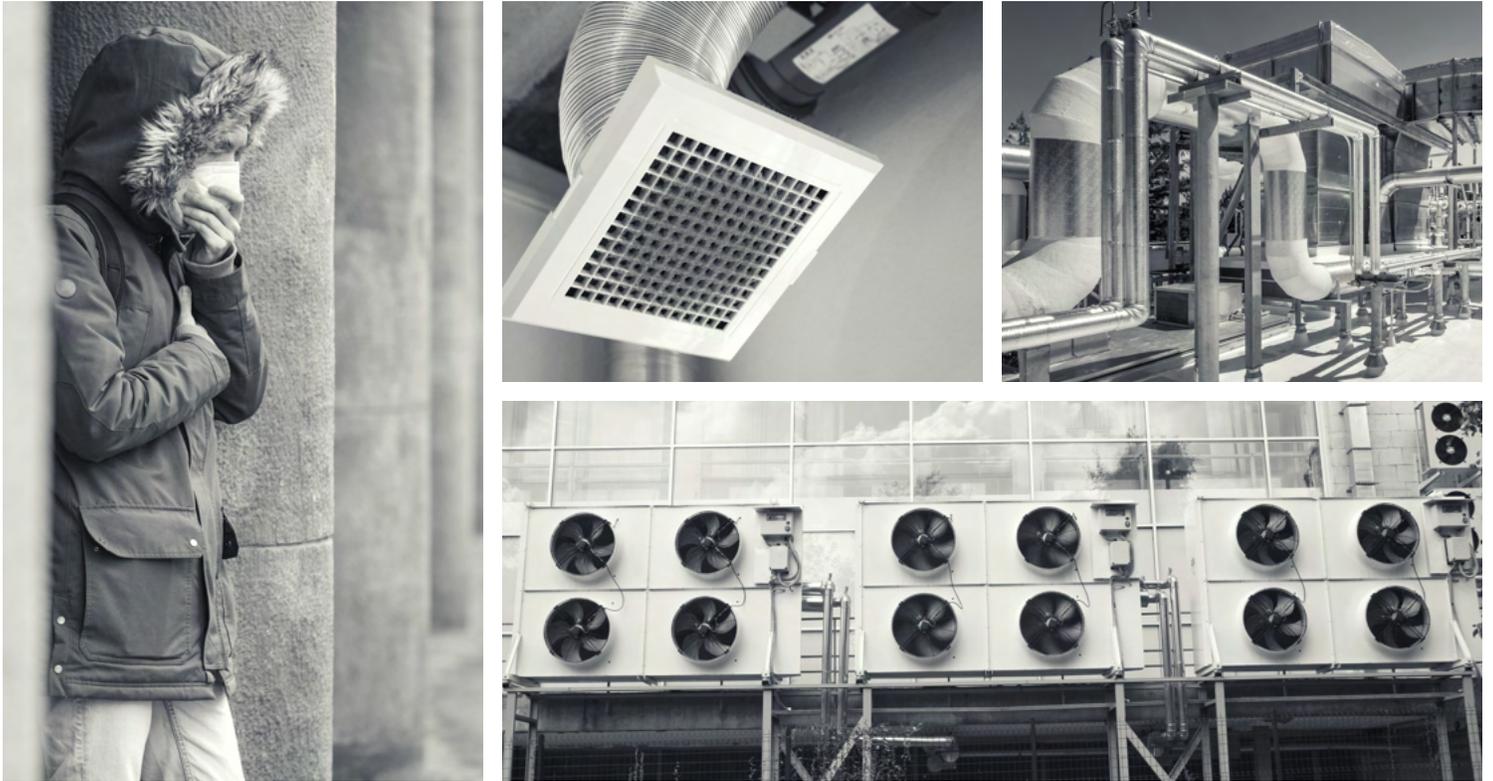




**HOW TO APPLY COVID
RELIEF FUNDS TOWARD A
HEALTHIER FACILITY**



3 Steps to Improve the Indoor Air Quality (IAQ) for Your Facility

COVID-19 has wreaked havoc on the way facilities are operated. The pressure is heavy to maintain a healthy building in order to keep occupants safe while still functioning within the constraints of your infrastructure. There is fear of overventilation that blows the energy budget or underventilation that spreads infection and invites lawsuits. Maybe your building received federal funds for COVID State and Local Fiscal Recovery Funds, but what is permissible for fund distribution?

Perhaps within your facility, you've had several upgrades and projects on your to-do list that

have needed attention for a while, but does the COVID relief money allow you to finally address these projects? What are you ALLOWED to do with your relief money? And just as important, what SHOULD you be doing with your relief money?

Whether we are in a pandemic or not, Indoor Air Quality (IAQ) should always be a concern for building owners. Facilities must adhere to codes and standards to ensure safe and proper conditions for occupants at all times. Synergy has always put a primary focus on designing facilities that are safe and compliant, while also maintaining the building's ideal function and efficiency.

Here are some options to consider when delegating funds to your facility health:

#1: Optimize your Existing Infrastructure

When you're delegating funds, take advantage of the capabilities already at your fingertips. According to the Coronavirus State and Local Fiscal Recovery Funds, eligible uses of service include, ***“support for prevention, mitigation, or other services in congregate living facilities (e.g. nursing homes, incarcerations settings, homeless shelters, group living facilities) and other key settings like schools; ventilation improvements in congregate settings, health care settings, and other key locations.”*** This is also reiterated in the Interim Final Rule.

In order to not overventilate or underventilate your buildings, Synergy can perform assessments on your existing equipment in order to make sure they are functioning properly and as designed. Since ASHRAE 90.1 states that your facilities should have Fault Detection and Analytics on outside air economizers, an assessment of the functionality of the outside air economizers may allow you to properly control and monitor IAQ with the equipment and controls you already have in place, thus making sure you're bringing in the proper amount of ventilation for occupant safety and thwarting COVID from spreading in the building.

Scan QR codes for eligible COVID-19 response, mitigation, and prevention activities.

Interim Final Rule
(pg 140, Section
35.6 (b) (xvi))



Coronavirus State
and Local Fiscal
Recovery Funds
Page 4, Section 2.1



#2: Test the Building Air Quality

In order to mitigate the spread of COVID, consider testing the Indoor Air Quality (IAQ) within your facility. Just think; we don't drink contaminated water, so why do tolerate breathing contaminated air? This is especially critical if your facilities serve the healthcare community. Synergy agrees with growing research that points to links between COVID-19 cases and low humidity and/or high levels of pollution. Furthermore, high CO2 concentrations relate to virus infections. The higher the proportion of CO2, the higher the proportion of air that was breathed and expelled several times. Thus the risk of inhaling

aerosols that another person in the same space has breathed out shortly before. The CO2 concentration is therefore an indirect measurement for possible exposure to viral aerosols.

Being able to control and monitor these variables is more important than ever. As experts in IAQ, Synergy can test your facility's IAQ for many indicators: CO2, proper temperature and humidity, VOCs, Particulate Matter (PM), and Formaldehyde, and provide your team actionable plans to mitigate any and all potential trouble areas.

#3: Perform a Feasibility Study

Perhaps your building is old; the HVAC infrastructure is aging, and you don't have the systems or controls in place to properly manage and monitor your IAQ . If COVID has revealed some major flaws in your systems and their ability to properly provide and monitor IAQ, some capital investments may be required in order to make your facility compliant. In cases like this, a Feasibility Study is absolutely crucial in order to determine what kind of investment is needed and what the Return on that Investment (ROI) would look like. Synergy excels in providing customers with proper capital planning and ROI analysis through their detailed Feasibility Studies, so you can feel confident that you have the proper road map for your facility's success now and into the future.

We don't drink contaminated water, so why do tolerate breathing contaminated air?



Scan QR code for detailed information on what a Feasibility Study entails.

Consider utilizing your relief funds for any of these COVID mitigation efforts within your facilities. Email us at info@synergy-engineers.com or scan the QR code below.

After our services, you will have peace of mind that your facility is optimized and operating in compliance with all applicable codes and standards. Your building will be a protected environment where occupants will feel safe, comfortable, and productive, and COVID will be held at bay.

Or continue to struggle with the unknown of air quality that and the fear that airborne germs and diseases could still be lingering in the air. Don't continue to pay the high cost of doing nothing. Have your systems tested and optimized for proper compliance and efficiency or call us for other engineering solutions.

Your building can be a protected environment where occupants feel safe, comfortable, and productive.



Scan the QR code to talk to us about your Indoor Air Quality goals.

