

## Working Toward Cleaner Air at Stone Hill Church

As we learn more about coronavirus and how it is spread, we continue to work towards reopening and keeping people safe. We have had many discussions with our HVAC company regarding aerosols, ventilation, and air flow.

- The main heating and air conditioning units for our building use an economizer which mixes outdoor air into the system, turning over the air flow with frequency above most buildings.
- We have also added i-Wave ionization systems to the units for the Sanctuary, Atrium and Harris Hall, as well as some of the units which cool and heat our classrooms.
  - The i-Wave system uses ionization which decomposes virus pathogens.
    - According to the manufacturer, tests on these systems show that “at 15 minutes, 92.6% of the (Covid-19) virus was inactivated, and at 30 minutes, 99.4% of the virus was inactivated.”

We continue to disinfect and adhere to best practices to keep our building as safe as possible. Contact [Jim Erickson](#) or [Dr. Pete Johnsen](#) for further information.