



Golf 67 School District

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TO: Board of Education
FROM: Anthony Cantore, Director of Buildings & Grounds
CC: Dr. Susan Coleman
DATE: October 15, 2020
SUBJECT: District 67 Air Ventilation System

Current Status of Ventilation Units

Golf Middle School and Hynes Elementary School use a combination of heating and ventilation unit manufacturers; Trane and McQuay. These units are packaged units that have the capability of heating and cooling our buildings. During times of operation, these units are delivering 400 cfm (cubic feet/minute) of air per room. On a daily basis, from 6:00 am – 3:00 pm each room receives 216,000 cubic feet of fresh air. The supply air is a mixture of return air and outdoor air. We are in compliance with required supply of fresh air at 30%, so each room receives 64,800 cubic feet. All air is filtrated through a two-stage filtration process. The first stage of the filtration process is through reusable filters that are regularly maintained and routinely cleaned. The second stage of the filtration process is through disposable filters, these filters were changed three times a year and we have increased to change them quarterly.

The ventilation system at Hynes Elementary has an exception. Hynes classroom units do not have a return air system, which means they receive fresh air only. However, the units are designed to modulate air pressure, quality and temperature.

Updates/Changes to Ventilation Units

The buildings and grounds department will be upgrading the filters to a higher grade of filters. The department will continue to maintain the fresh air ventilation and quality. Routine inspections will continue to be properly documented and enable the department to evaluate if more changes are necessary. The building and grounds department understands that air quality is an important topic as it relates to COVID-19 and will continue to work to improve the system within the means of the district. To provide an added level of transparency photos of the ventilation system are available upon request.