

## **Automatic Temperature Controls, Inc. dba C.H.A.C.**

95 Connecticut Street Cranston RI, 02920

Phone: (401) 946-5780 Fax: (401) 946-5795

E-mail: Jlussier@autotempcontrols.com

An Equal Opportunity Employer

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Prout School HVAC Repairs & Upgrades

Dear Facility, Staff, Parents, and Students,

During this difficult and uncertain time, ATC understands that it is challenging to make decisions for the upcoming school year. Automatic Temperature Control's Crew wants to express to you how we are keeping facilities HVAC systems clean, operational, and efficient as one of the most important jobs we have. This year has added serious concerns of Covid-19 and with that, the ability to keep the HVAC systems clean and sanitized, with outside air flow and air quality to the best level as possible. All of these concerns are in addition to ensuring that the facilities are energy efficient and comfortable.

The Prout School has been contracting ATC from 2015 to the present to assist with maintaining the current HVAC systems. They have followed a maintenance program that includes cleaning, washing, and changing filters twice a year. Along with a maintenance program, the outlook of future projects one, three, five, and ten years ahead have been formulated. Every year the schedules are updated depending on concerns and changes in the facilities and technology. As one of the owners of ATC with twenty two years of experience working on commercial, state and federal facilities, Prout School's HVAC systems is in the top 5% for cleanliness and operation. Working within a smart budget, Prout has been able to expand the building management system to increase efficiency and operation of the heating, air conditioning and ventilation.

This spring while the students were distance learning and the building was vacant, ATC was asked to move forward with all of the projects that had been planned for the summer. The projects were as follows:

**All Areas** – Our technicians checked over all spaces for outdoor air and exhaust operation, checking dampers, actuators, fans, belts, and controls. Additional programming to meet the ASHREE recommendations for Covid-19 have been added in all common areas and areas that are on the new building management system. Along with service issues that come up with older equipment, any problems reported are resolved as quickly as possible, based on availability of parts. Situations are never left unresolved, without a plan for repair or replacement in place. Units or controls are always fixed or upgraded as soon as they are identified.

**Auditorium** – A stage exhaust system was added to be used during events to clear out stage effects quickly and efficiently. A dehumidification system was added under the stage to lower the humidity in the space. This will work along with the heating and cooling system to maintain air quality in the school. The control system was upgraded along with many repairs to the large roof top unit that supplies that area. Additional programming to meet the ASHREE recommendations for Covid-19 have been added.

**New Wing Area** – The units were connected to the building management system for operation and monitoring. Additional programming to meet the ASHREE recommendations for Covid-19 have been added.

**Gym and Locker Rooms** – The units have been upgraded and added to the building management system. One unit had new dampers installed as identified and necessary for proper operation. New thermostats have been installed to monitor the temperature, occupancy, and CO2 levels in the room. This will allow the control system to efficiently operate the HVAC system to maintain CO2 and temperature levels. The units are heating only but

have been programmed to use outdoor air to help cool the space when the conditions are correct. During the fall, winter, and spring this will be in operation when the gym is in use and will help keep it comfortable. Additional programming to meet the ASHRAE recommendations for Covid-19 have been added.

ATC now has full remote access to monitor, diagnose, or assist operating the HVAC system in the facility. This is to quickly resolve any issues that need to be addressed to ensure the best level of comfort and air quality in the school.

ATC believes this school is ready to get back to in school learning with the concerns surrounding Covid-19 being addressed thoroughly with plans in place for the sanitization, air quality control, and operations of its HVAC systems and is able to put education as its primary focus. The ATC family is proud to be part of the Prout School operation and looks forward to our continued relationship working to keep Prout School safe for all of the students and faculty.

Sincerely,

John Lussier  
Vice President  
Automatic Temperature Controls Inc.