

## CASE STUDY APPLICATION:

School Building HVAC – Thales Academy

## PRODUCT SPOTLIGHT:

ThermoTek's Rooftop Unit (RTU)

## SCENARIO:

Thales Academy, a network of private K-12 schools in NC, TN, and VA, recently retrofitted their 10 campuses to change all existing HVAC units to ThermoTek's RTUs. The school did this as part of several precautions to keep students and staff safe from COVID-19.

ThermoTek's RTU brings in up to 100% fresh outdoor air, diluting any contaminants and providing clean, highly filtered air for building occupants. ThermoTek's RTU continually supplies fresh air, avoiding recirculation and significantly reducing the spread of airborne viruses and pathogens.

## THALES ACADEMY'S COVID-19 PROTOCOLS:

- Parent choice of fully in-person or fully virtual education (70% chose in-person)
- ThermoTek's RTUs installed at every school, replacing all traditional units
- Temperature checks and symptom surveys every morning at drop-off
- Optional masks for K-5 students, required masks for 6-12 students and all staff
- Frequent and thorough disinfection and cleaning of campus daily
- Frequent hand washing
- Social distancing whenever possible
- One-way hallways
- No large events
- No outside visitors or parents permitted inside – only students and staff may enter the school
- Students kept in same cohort all day as much as possible
- Clorox 360 deep cleaning system used to sanitize entire campus after a COVID-19 case
- Immediate quarantining when a case arises, for case and all others in close contact with the case
- No loss of learning if child needs to stay home due to simultaneous virtual program; this also encourages parents to keep students home if they suspect student may be sick or may have been in contact with someone who is sick

## RESULTS:

During the first quarter of the 2020-21 school year, approximately 3,000 Thales Academy students and staff attended school in-person 5 days/week across 10 campuses. Of the 3,000 individuals, only 4 reported cases of COVID-19. All of the cases occurred at separate campuses, none of the cases originated at the school, and none of the cases spread to anyone else at school. Thus, **Thales Academy experienced zero in-school transmissions of COVID-19. ThermoTek's RTU is thought to have contributed to this success.**

Thales Academy™

