

## GOAL

Verify that the intended amount of outside air is reaching students in large school buildings with long, branching ductwork

## APPLICATION - METROPOLITAN COMMUNITY COLLEGE

A large Metropolitan Community College used an AIRxpert 7000 monitoring system to verify that the ventilation system was performing as intended. The initial configuration of monitoring points included three dozen classrooms and their associated air handlers.

## BENEFIT

The data from Room B-325, which was typical, indicated that the distribution of outside air to occupants was well within the ASHRAE Ventilation Standard for classrooms.

## APPLICATION - HIGH SCHOOL DAYCARE CENTER

Under a pro-active ventilation monitoring program initiated in 1999, the Boston Public School Department had purchased two 48-point AIRxpert 7000 monitoring systems that are rotated among a number of school buildings. One goal of the program is to determine which classrooms are well ventilated and which are in need of attention.

## BENEFIT

Once it is determined that a classroom is consistently well ventilated, it can easily be replaced in the monitoring queue with another one for assessment. This helps the Facilities Engineering Department focus its limited resources where the need is greatest

