

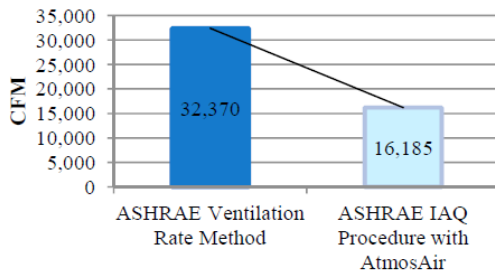


CHEROKEE ELEMENTARY SCHOOL

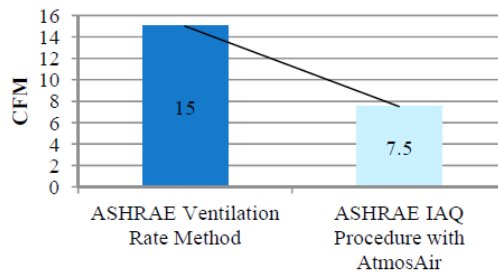
AtmosAir IAQ Procedure Project

Case Study: Cherokee Elementary School, Atlanta, GA

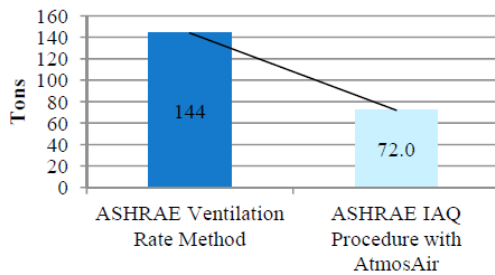
Total Outside Air



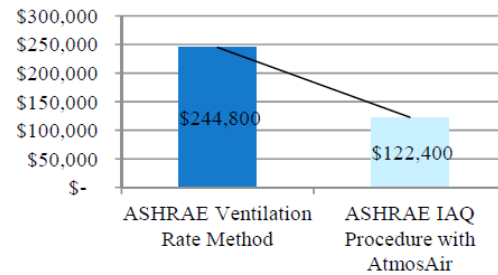
CFM O/A Per Person



O/A HVAC Tonnage



O/A Equipment Cost



Cherokee Elementary School Cost Analysis:

Total Supply Air:	103,750
Occupancy	2158
AtmosAir Cost:	\$106,200
HVAC Equipment using Ventilation Rate Proceduree (144 tons)	\$244,800
HVAC Equipment using Indoor Air Quality Procedure (AtmosAir -72 tons required)	\$122,400
Capital Expenditure Savings	\$122,400
Operational Expenditure Savings (Running system with 16,185 CFM of outside air vs. 32,370 CFM of outside air.)	\$19,098
Total Savings Year 1	\$141,498

