

SRP PROJECT of the MONTH

WOODBROOK ELEMENTARY SCHOOL

Woodbrook Elementary School, located in Charlottesville, Va., was recently renovated to address control and air quality concerns. The existing two pipe floor mounted Unit Ventilators and Air Handling Units were in need of replacement. A four pipe system was installed to allow cooling and heating in different parts of the building at the same time. Leaky outside air dampers in the walls of the classrooms led to problems with drafts and humidity control. The solution was to permanently seal up the wall openings, replace the Unit Ventilators, and install four new 100% outside air dehumidification systems on the roof. The new systems constantly supply, dry, neutral air to the classrooms. As part of the upgrade all new lighting and ceilings in the classrooms was installed. All work was done during the summer 2007 break.



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