

SRP PROJECT of the MONTH

DONAHOE ELEMENTARY SCHOOL

Donahoe Elementary School, located in Henrico, Va., was recently renovated to address air quality and aging equipment concerns. Existing Unit Ventilators and piping were in need of replacement. Leaky outside air dampers in the wall led to problems with drafts and humidity control. The solution was to permanently seal up the outside air dampers, replace the Unit Ventilators, and install a new 100% outside air dehumidification system. The dehumidification system supplies, dry, neutral air directly to the classrooms while the Unit Ventilators now handle only the space conditioning loads. New piping run outs to the units were installed behind new enclosures mounted on the face of the wall. The original piping was abandoned inside the walls. All work was done during the summer 2004 break.



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