

Now In Production

July 25th 2005



Lee County High School, Leesburg, GA

Six(6) Custom New Rooftop Units with Dual Energy Recovery Wheels.

Representative : Thermal Recovery Systems Inc. 4942 Hammermill Road Tucker, GA 30084
Frank Fincher, Phil Chapman, Phone 770-939-9100

Indoor air quality (IAQ) is essential to our health, yet when it comes to Ventilation rates, building codes require a thorough familiarity with standards and guidelines recommended by the American Society of Heating, refrigeration and Air-Conditioning Engineers (ASHRAE). The ventilation requirements have increased approximately 300 percent since 1988 standards.

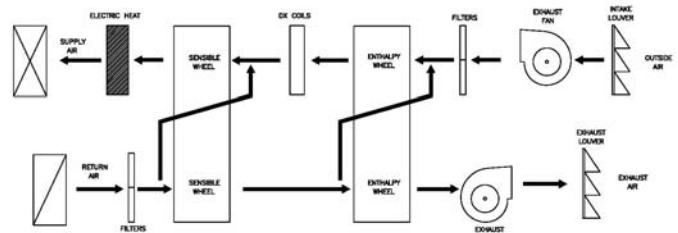
A major reason for the dramatic increase in ventilation air is the pressing need to reduce or eliminate number of indoor contaminants. Ventilation allows for dilution of these indoor contaminates.

But high ventilation is typically equal to high energy cost.

To reduce some of the cost, Mr. Frank Fincher of Thermal Recovery System Inc. Seasons-4's Georgia representative has worked with Lee County School District engineers and specified two energy recovery wheels (an enthalpy and a sensible wheel) in each units to recover energy from air being exhausted from the building..



FLOW DIAGRAM
LEE COUNTY HIGH SCHOOL
LEESBURG, GA



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Six units ranging from 12 tons to 20 tons, electric heat sections, scroll compressors, dual Thermotech energy wheels, 4" 65% filters, plenum SWSI airfoil supply and exhaust blowers, TEFC motors, perforated liners in supply and exhaust sections and DDC temperature controls.

