**Indianapolis, Indiana**

**Decatur Central High School**

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**Heating and Chilled Water Schematic**

- **High Efficient Condensing Boilers**: Reduces gas usage.
- **Cooling Tower with Variable Speed Fans**: Reduces electricity usage.
- **Modular Heat Recovery Chillers**: Provides first source of building heat and pool heat. Saves $36,000 per year.
- **Variable Speed Primary Pumping Systems**: Reduces electricity usage.
- **High Efficient Water Cooled Chillers**: Reduces electricity usage.

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**Square Footage** = 467,730 SF

**Energy Use Intensity (EUI)** = 127.1 kBtu / sf / yr

**Percent CO₂ Reduction** = 28%

**ENERGY STAR Design Rating** = 87

**Energy Savings** = 21,591,966 kBtu / per year

**CO₂ Savings** = 3,597,600 lbs CO₂ / per year

**Energy Cost/SF** = $1.17/SF

(includes $36,400 savings per year from heat recovery chillers)

**Space Type**: Small Learning Communities / Media Center / Cafeteria / PE Spaces

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**$346,000 savings per year**

*Based on a national average for a building of similar size*