
Greetings from
WAPAKONETA
Ohio
MUNTERS
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2011
USA
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USA
In 2009 Munters shipped $875,000 in equipment to two Ohio schools that were the first buildings in the state to utilize active chilled beam technology. Three different Munters products from two different factories were installed at the two schools: (4) DryCool ERV units, (2) DryCool HCUc units and (3) custom heat-pump PMU units. Munters sales representative, Clint Schwartz of Controlled Air, convinced the engineer to install the standard DryCool ERV in lieu of an energy recovery cooling based heat-pump style unit, which would match the energy usage without being connected to the geothermal well system. This was a tremendous savings in first cost as each vertical bore for the geothermal well field provides about 2 tons of cooling energy at a cost of about $3-4k per well. By using the DryCool ERV units the engineer was able to reduce the well field by approximately 25% of what it would have been utilizing the other technology.
P.S. Chilled beams have been used and manufactured mainly in Europe and Australia, but have recently gained interest in the U.S. as a solution to building energy use.