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Results

Boosting the Performance of RTUs

Converting to Single-Zone VAV

April 13, 2012

Several new retrofit devices are available for single-zone RTU air conditioners, with at least one device demonstrating demand savings of 41 percent and annual energy savings of 52 percent. This video Tech Brief describes how these devices can also monitor unit performance, enabling additional savings. ...

Content type: Tech Brief | **Document ID:** EMN-TB-2 | **Author:** Peter Criscione

PREVIEW VIEW

Hybrid Ground-Source Heat Pumps

March 20, 2012

Ground-source heat pumps are often prohibitively expensive because they're sized to meet the peak heating or cooling loads for commercial buildings. This video Tech Brief explains how hybrid models downsize the ground heat exchanger and use small supplemental cooling towers or boilers to meet peak load. ...

Content type: Tech Brief | **Document ID:** EMN-TB-1 | **Author:** Mary Horsey

PREVIEW VIEW

The Trouble with Calculating VFD Savings

March 8, 2012

Variable-frequency drives are widely used in centrifugal applications (such as pumps and fan systems), but the approaches used to calculate their energy savings are often flawed, resulting in estimates that are less accurate than they easily could be.

Content type: Tech Brief | **Document ID:** TAS-TB-1 | **Author:** Essie Snell

PREVIEW VIEW

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