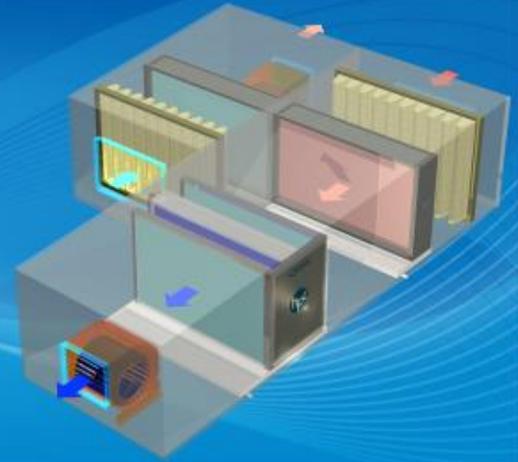




SOLUTIONS

*Tips for Enhancing
Heat Pipe Design*



July 2016 - In This Issue:

**HPT Recently Installed Three Large
Wrap-Around Units for A Major
Hospital in Southeast Florida**

***NEW* White Paper: Effectively
Utilizing Control Valves to
Optimize Wrap-Around Heat Pipes**

**HPT Online Selection Software
Training Series**



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Our knowledgeable, worldwide rep network will work with you to implement our technology for both dehumidification and energy recovery applications.

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HPT Recently Installed Three Large Wrap-Around Units for A Major Hospital in Southeast Florida



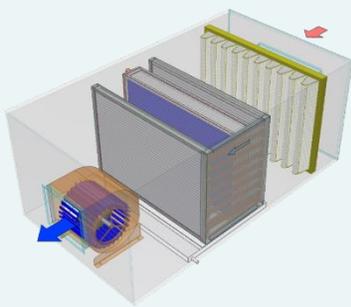
This newsletter is a service of HPT, Inc. It is meant to familiarize users with heat pipe technology, and how to select heat pipe systems using SelectPlus™ design software.



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Heat Pipe Technology recently installed three large wrap-around heat pipes into custom air handling units that will service a major hospital in southeast Florida. The hospital offers a full range of patient care services for both primary and long term care.

This project was part of the multi phase HVAC upgrade project that will take place in the coming years. Four air handlers were replaced during this phase, three of which required controllable wrap-around heat pipes. In addition, the existing AHUs were using hot water as a form of reheat, which made the wrap-around solution a very easy sell as the heat pipes provide free reheat. Also, the design engineer required the wrap-around heat pipes to be controllable, a specialty of HPT, in order to modulate performance based on load requirements of the space.

The AHU's will service general lobbies and nursing stations throughout the hospital. A 2-row fully controllable wrap-around unit was used to achieve the humidity level requirements of the space. The economic analysis showed an estimated annual savings of \$32,240 per year. Payback for this system would be less than 2.5 years!

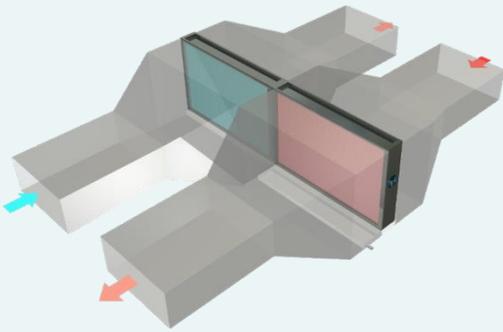
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***NEW* White Paper: Effectively Utilizing Control Valves to Optimize Wrap-Around Heat Pipes**

The title of a new white paper written by Drew Esberry, Regional Sales Manager.

Fully controllable heat pipes, a specialty of HPT, are an effective way to recover as much heat as possible to provide maximum precool and reheat without exceeding setpoint. This also allows for maximum reheat at part load conditions. Up to four stages of control are feasible, allowing the design engineer to meet desired temperatures at varying load conditions...

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HPT SelectPlus™ Training Series - Enhancing Energy Recovery with IEC



This video is part of the continuing training series for SelectPlus™ selection software. In this video you will be shown some of the benefits of indirect evaporative cooling with a side-by-side energy recovery heat pipe, as well as how to model this scenario using our online selection software.

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