SOLUTIONS

Tips for Enhancing Heat Pipe Design

October 2014 Edition

This newsletter on SelectPlus selection software is a service of HPT, Inc. It is meant to familiarize users with SelectPlus and highlight its capabilities through a series of tips and training videos. **Click Here to Login**

Designing a Passive Energy Recovery Heat Pipe

Energy Recovery Heat Pipes provide economical and reliable recovery during both heating and cooling seasons. HPT uses a Heat Loop design, where the "pumping" of the working fluid is achieved not only by the difference of temperature between the two air streams, but also by the temperature differential between rows in the same air stream.

In SelectPlus, users have the ability to design their energy recovery heat pipe at various temperature conditions. The software also allows users to model heat pipe performance with evaporative cooling for summer conditions, and model frost control for winter conditions. Advanced Economic Analysis is available to all users. It has the capability to calculate accurate savings with inputs available from weather bin data, and run time hours. **Watch & Learn**

Exporting Your Project Schedule

SelectPlus has a feature that summarizes your design conditions for multiple selections in a concise schedule format. It will export as an excel document, in which a user can easily copy and paste their selections into the main project schedule. This feature is available for both wrap around and heat recovery selections. **Watch & Learn**

Want to learn more about our technology? **Visit our Website!**

Have an idea for a SelectPlus topic you would like to see? **Send us an Email**

Not a SelectPlus User? **Click Here**

Heat Pipe Technology, Inc. | 6904 Parke East Blvd. | Tampa | FL | 33610