



Frequently Asked Questions about Carolina Heat Pipe, Inc.

Why was this company started?

Carolina Heat Pipe, Inc. is a company originally formed to solve high humidity problems in a hot, humid climate.

What does Carolina Heat Pipe, Inc. do?

Carolina Heat Pipe, Inc. equipment provides energy efficient dehumidification and heat recovery solutions.

How does Carolina Heat Pipe, Inc. do that?

Carolina Heat Pipe, Inc. works with design engineers, building owners and other equipment providers to incorporate their Thermosyphon Run Around Heat Pipe (TRAHP™) System into a buildings' heating ventilating and air conditioning (HVAC) system.

What is Thermosyphon Run Around Heat Pipe?

A Thermosyphon Run Around Heat Pipe (TRAHP™) applies heat pipe science to create a passive (non energy-consuming) device that, when incorporated into an air conditioning system, improves moisture removal in an energy efficient manner while lowering the relative humidity of the supply air.

Can this (TRAHP™) also be used to reduce the cost of winter heating?

Yes. Carolina Heat Pipe, Inc. has applied this same heat pipe science to recover the heat from building exhaust air to reduce the consumption of energy during the cooler seasons.

How does Carolina Heat Pipe, Inc. reduce the cost of winter heating?

Carolina Heat Pipe, Inc. recovers heat from the exhaust air by applying their patented Split System TRAHP™ that combines vertical heat pipe tubes with run-around headers to transfer heat without location restrictions imposed by most conventional heat recovery systems.



How can this heat transfer be regulated?

Carolina Heat Pipe, Inc. can modulate the heat transfer process so it will only transfer the desired amount of heat using a modern control system.

How does Carolina Heat Pipe, Inc. go to market?

All Carolina Heat Pipe provided systems are custom built and job specific. Often the cost of Carolina Heat Pipe provided equipment is recovered in 2 to 3 years. That is a 33% return on Investment! So tell us about your project and let us propose a solution that works for you.

Contact Us.

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