
CASE HISTORY PROJECT SUMMARY
Miami Univ. Farmer School of Business
Oxford, OH



PROBLEM: Incorporate heat recovery into seven (7) new air handlers being provided for this building.

SOLUTION: Carolina Heat Pipe, Inc. provided and installed a Thermosyphon Run Around Heat Pipe (TRAHP™) system for seven (7) air handlers (15,000 to 27,000) with approximately 5,600 to 9,100 CFM outside and relief air. Seven (7) six-row controllable energy recovery TRAHP™ heat exchangers systems fit within seven (7) HAAKON air handlers. CHP provided the air handler manufacturer with coil assemblies for placement in their air handlers. After the air handlers were delivered to the job site, CHP completed the TRAHP™ installation.

RESULTS: Annual gas energy saved: 83,633 Therms

PAYBACK PERIOD: 1.4 years

RETURN ON INVESTMENT (ROI): 71.2%

CHP#: 06-0408