

CASE HISTORY PROJECT SUMMARY
White House Visitor Center
Washington, D.C.



PROBLEM: US National Park Service reported a mold and mildew problem in the Visitor's Center.

SOLUTION: Carolina Heat Pipe, Inc. provided and installed four (4) CHP ST MACH 1 Thermospyphon Run Around Heat Pipe (TRAHP™) systems that provide 320,500 BTUH of precooling and reheat.

RESULTS: Annual electrical energy saved from operating the chiller: \$16,900.
Annual natural gas energy saved from avoiding other form of reheat to control relative humidity during cooling season: \$17,500.

PAYBACK PERIOD: 2 years.

RETURN ON INVESTMENT (ROI): 50%

CHP#: 01-082