

Case Study

Ventis Home Ventilation System



House Profile

Location: Killarney Heights, Sydney

House Details: Double-story, double brick, ceiling and wall insulation, grey tile roof, East-West orientation.

Usage Scenario: During the first week the Ventis system is on, during the second week it was turned off. The house was unoccupied for the entire test program so no artificial heating or cooling systems were used.

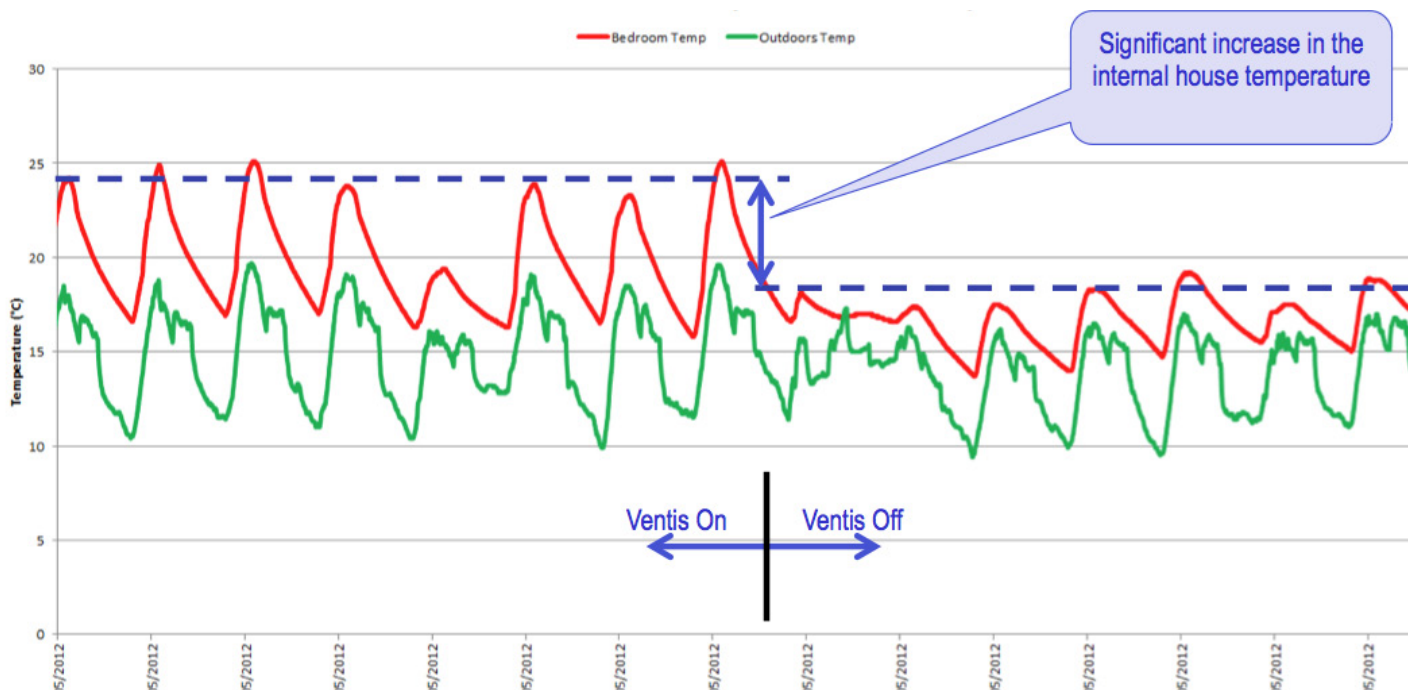
Outlets: 6

Introduction

A field evaluation of the Ventis system was carried out in Killarney Heights, Sydney over 2 weeks, between the dates of 16th May and 30th May 2012.



Outside vs. Bedroom Temperatures over 14 days



This graph shows the daily house temp. compared to outside over two weeks in May 2012. During the first week the Ventis system is on, during the second week it was turned off. We can see that the peak daily internal house temperature is around 6 degrees warmer as a result of the Ventis system. The house was unoccupied for the entire test program so no artificial heating or cooling systems were used.