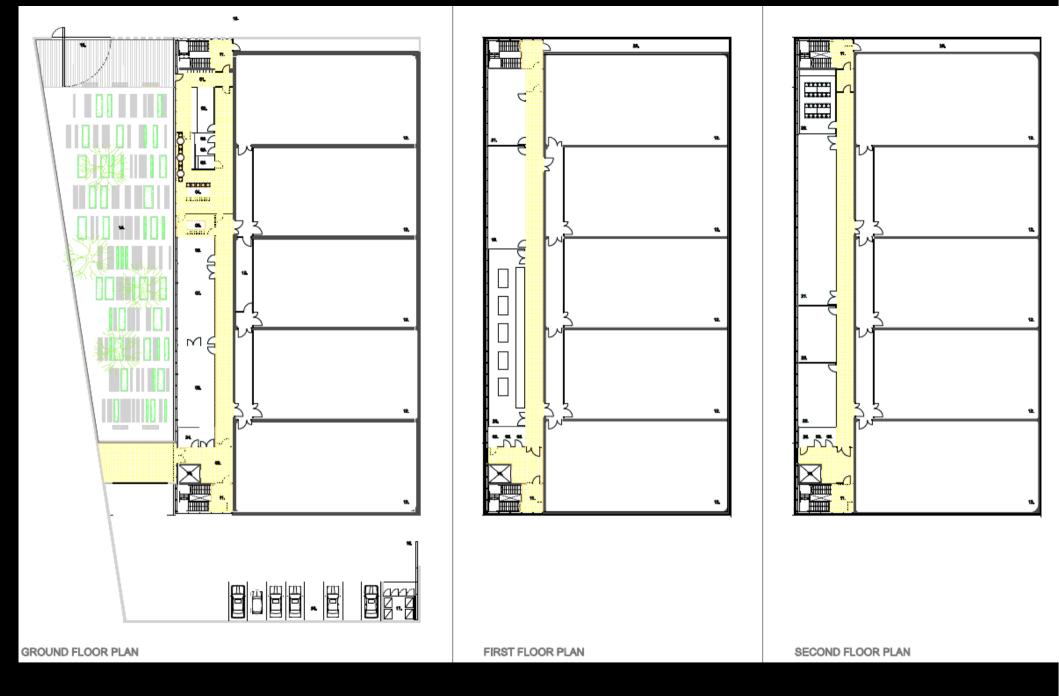






View from north west



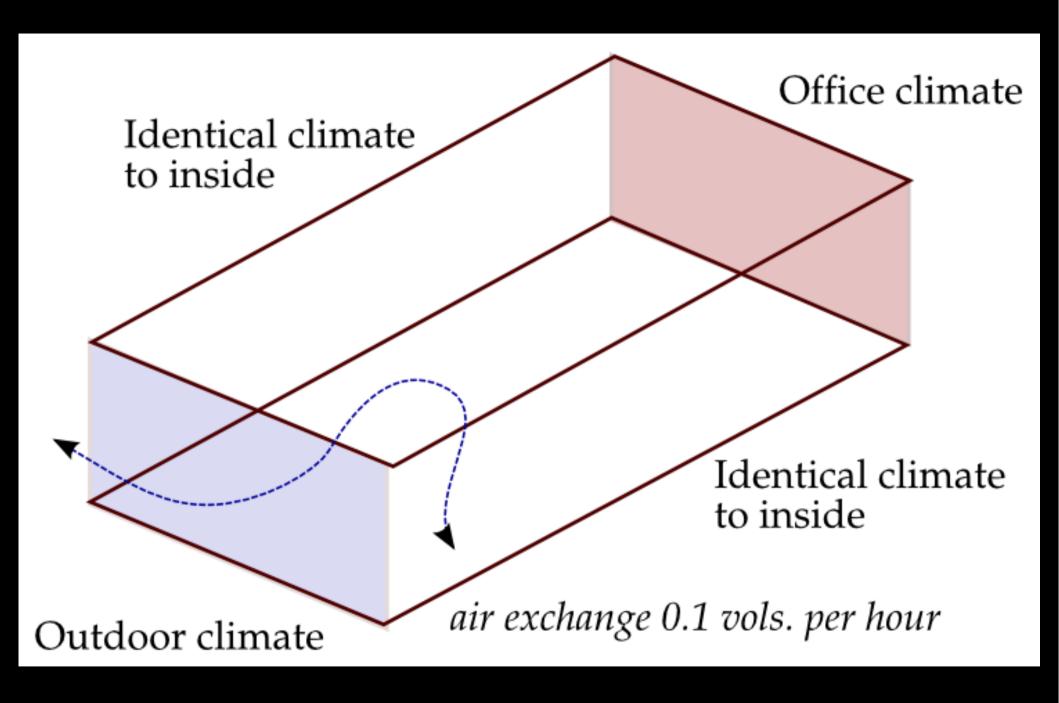


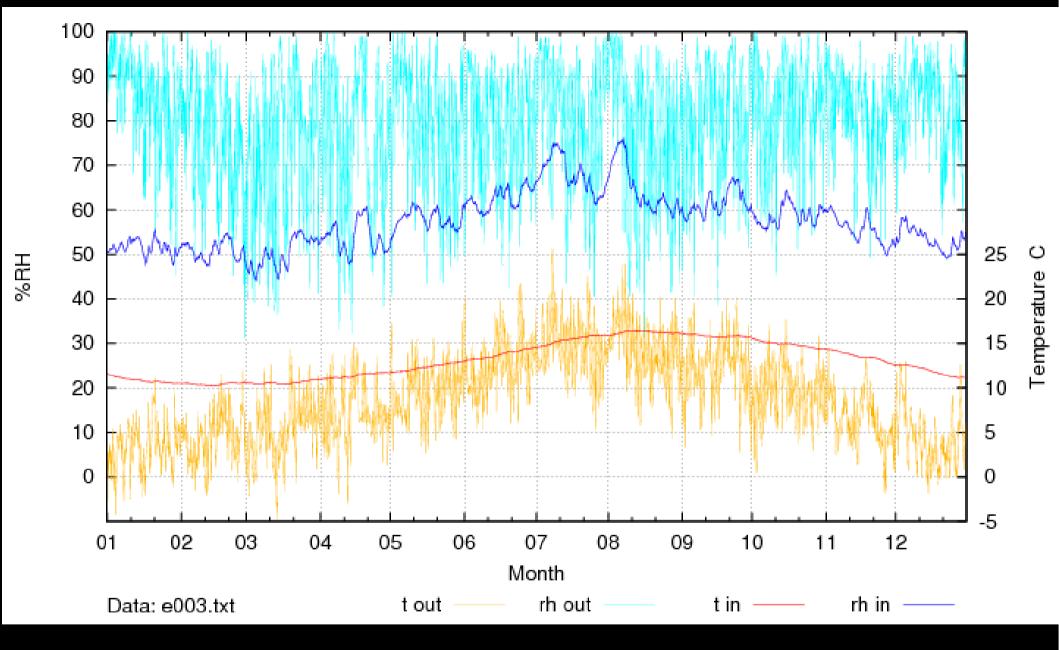
Each room is 24 x 12 m



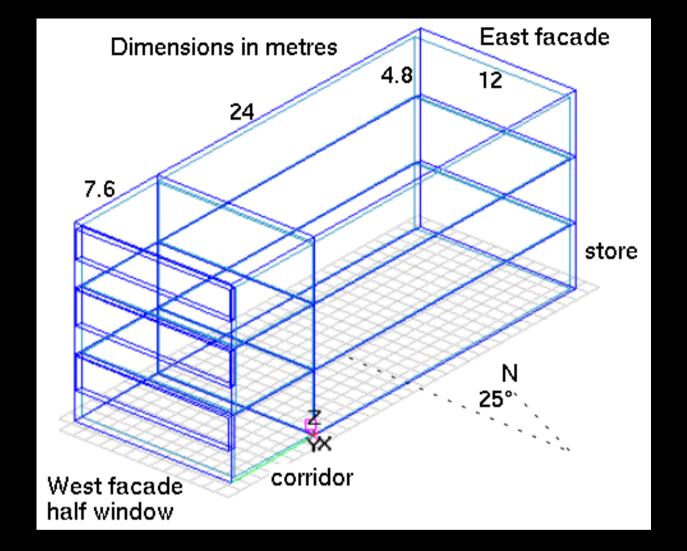
SECTION AA







External wall: 200 mm insulation – 300 mm cellular concrete blocks Wall to corridor: 150 mm concrete Internal walls 100 mm paper Corridor temperature constant 20°C



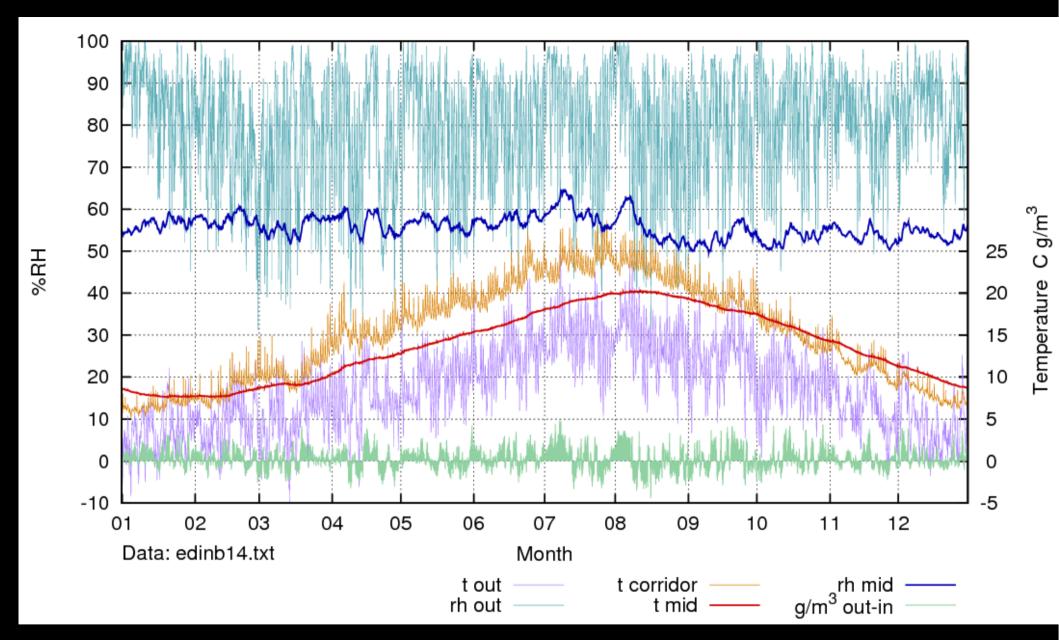
Corridor now used as solar heating device with varying temperature through the year. Corridor – archive wall is 250 mm lightweight concrete.

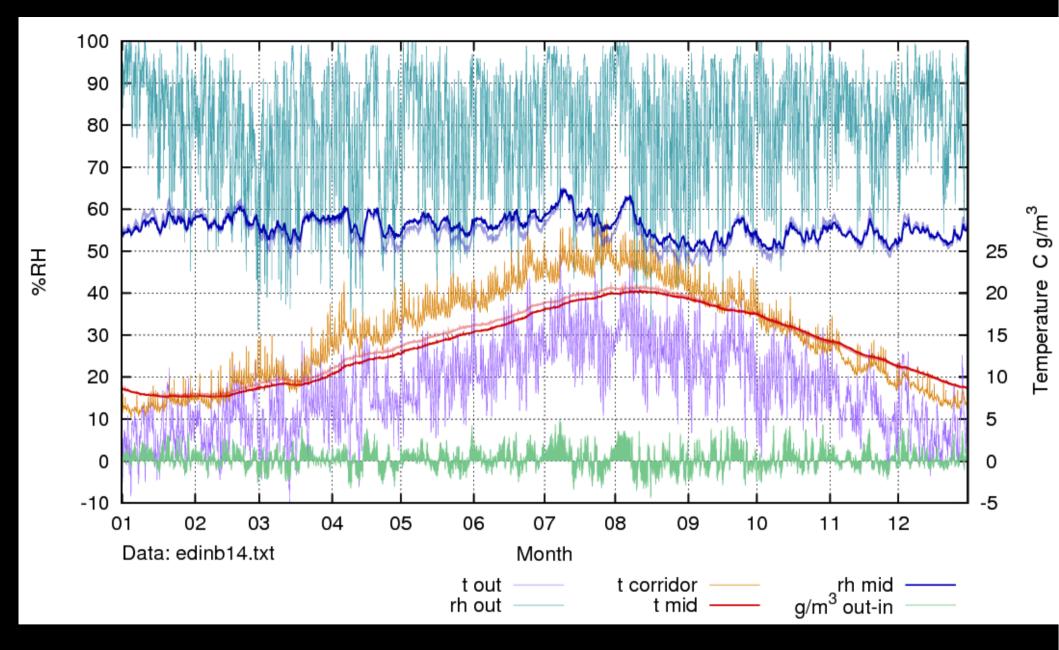
Outside wall east is 200 mm insulation, 250 mm lightweight concrete.

Outside wall west is half as east wall, half double glazed window.

Air exchange rate to corridor 0.1 per hour.

Inside wall surfaces buffered by paper.





The pale traces show the unbuffered RH and temperature