

INTISARI

Bayangan gedung pada saat sore hari diperkirakan mempengaruhi perubahan suhu dan kelembaban di perumahan Lempongsari Blok A sehingga berdampak pada kenyamanan termal. Pengukuran suhu dan kelembaban dilakukan selama satu minggu mulai dari pagi hingga malam hari. Berdasarkan perhitungan nilai *Temperature Humidity Index* (THI) diketahui bahwa nilai THI dari pengukuran selama seminggu berkisar antara 25,7 hingga 26,4. Berdasarkan kriteria THI, Perumahan Lempongsari Blok A termasuk dalam hunian dengan kategori Cukup Nyaman secara termal. Persepsi masyarakat terhadap kenyamanan termal tersebut menimbulkan respon yang berbeda-beda terutama dalam menyikapi perubahan suhu dan kelembaban di setiap harinya.

Kata kunci : kenyamanan termal, perumahan, persepsi, gedung, suhu, kelembaban

ABSTRACT

The shadow of the building in the afternoon is expected to affect changes in temperature and humidity in the Perumahan Lempongsari Blok-A so that it has an impact on thermal comfort. Temperature and humidity measurements are carried out for one week from morning to evening. Based on the calculation of the Temperature Humidity Index (THI) value, it is known that the THI value of the measurement for a week ranges from 25.7 to 26.4. Based on the THI criteria, Perumahan Lempongsari Blok-A is included in the thermal comfort category. The public's perception of thermal comfort causes different responses, especially in responding to changes in temperature and humidity on a daily basis.

Keywords : thermal comfort, housing, perception, vertical buildings, temperature, humidity