



Thermal comfort is a function of multiple factors, such as individual comfort thresholds, air temperature, relative humidity, solar gain, wind speed, etc. Therefore, to design a bioclimatic building it is important to understand how comfortable an individual can be outdoors without any systems or building enclosure first. To understand how comfortable it is outdoors, we can use the Universal Thermal Climate Index (UTCI), which is an indicator of "how it feels outside". Per the values generated it is comfortable in Melbourne for about 50% of the year.

This means we need to design for the other 50% when it is not comfortable.

MINIMALIST INTERVENTION in MELBOURNE

