

**Belimo Sensors –
The Foundation of Comfort.**

**Small Devices.
Big Impact.**

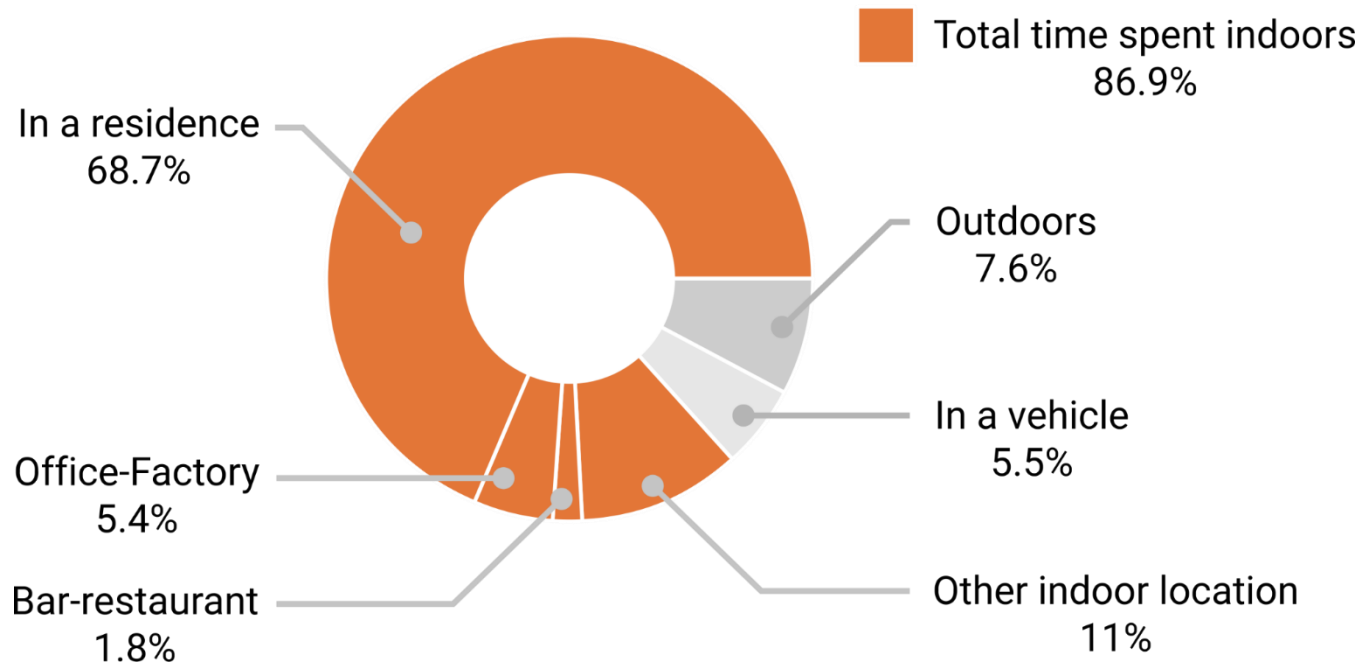


Where do you spend most of your time?



The reality is: We live mostly inside buildings

NHAPS - Nation, Percentage Time Spent
Total n=9,196



So much lifetime indoors!

Do I live

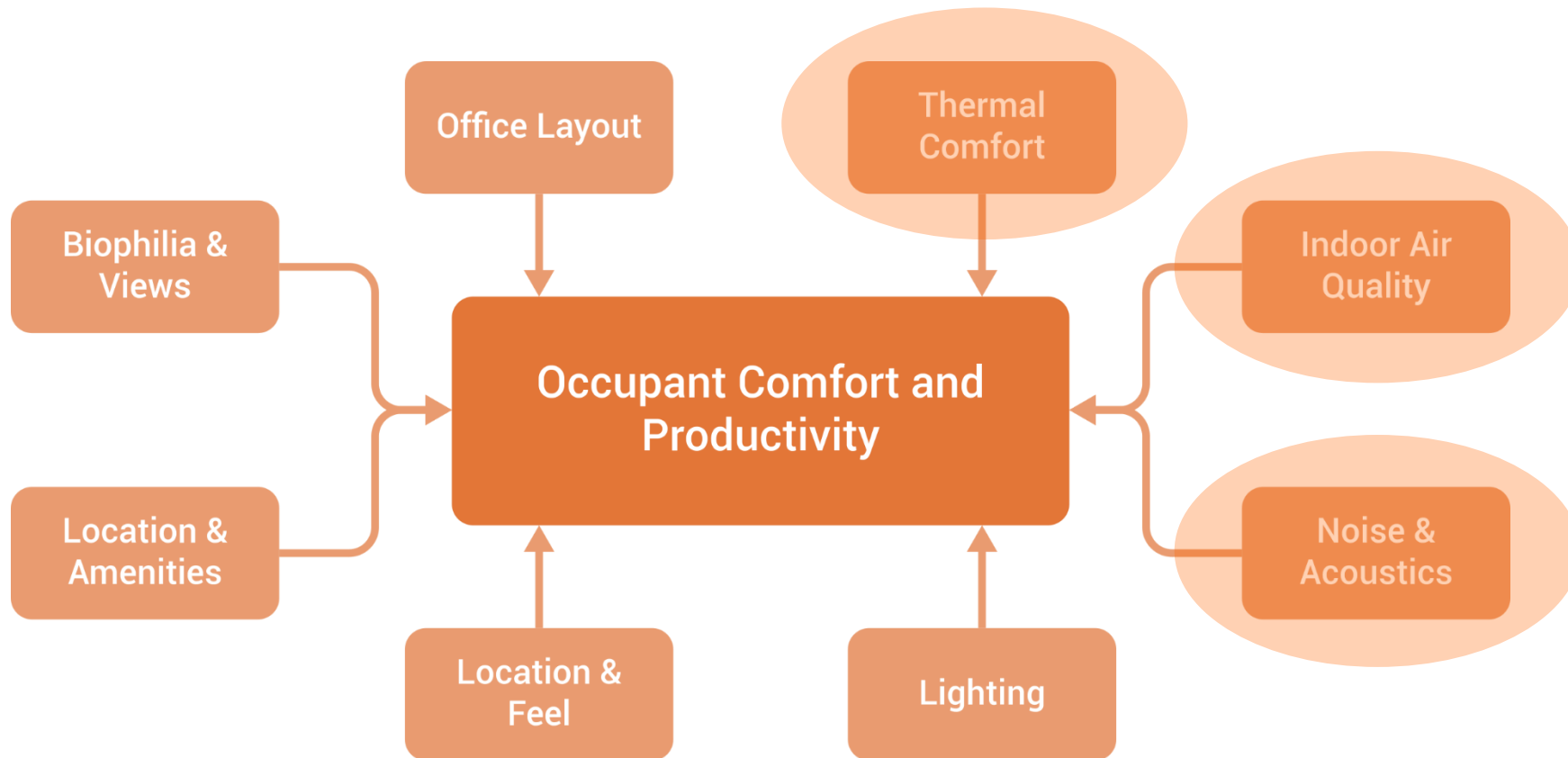
- comfortable?
- healthy?

Source: Journal of Exposure Analysis and Environmental Epidemiology volume 11, pages 231–252 (2001)

**How do we feel
“Comfort”
in a Building?**



How do we feel Comfort in a Building?

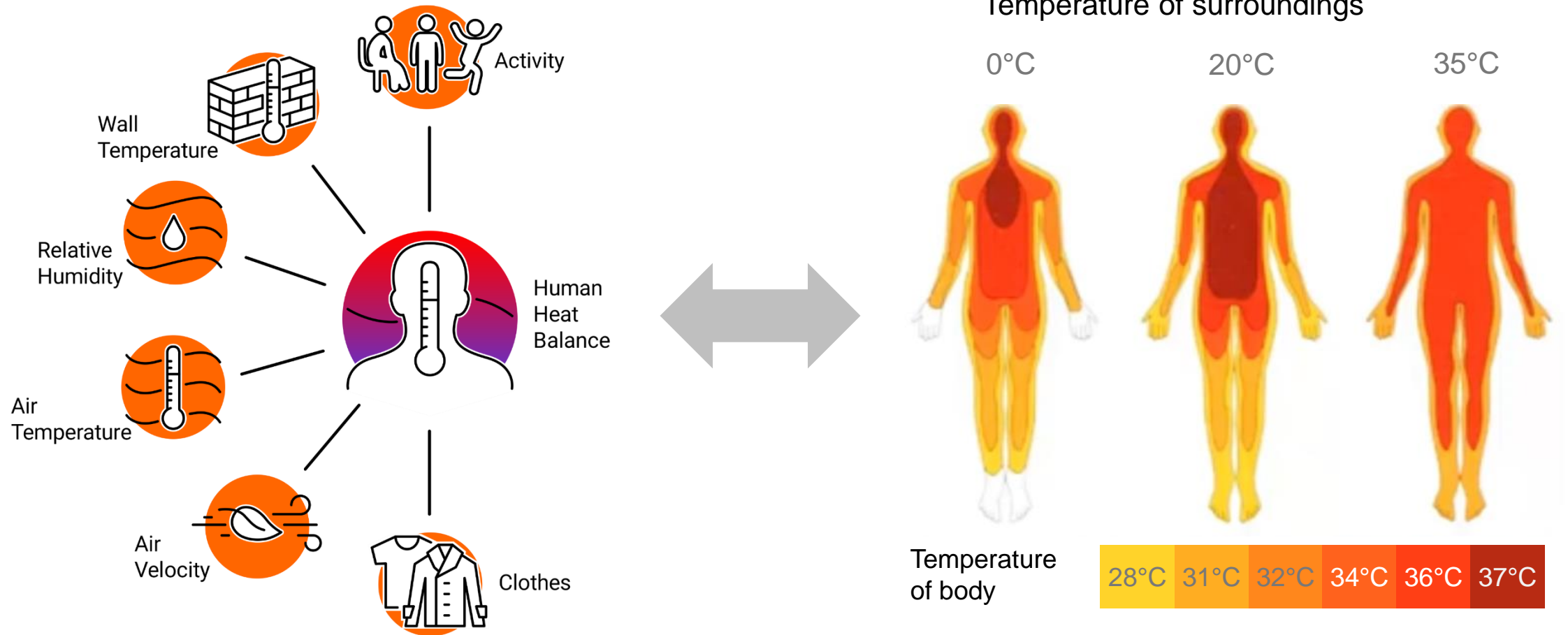




**Belimo Sensors –
Foundation for
Thermal Comfort**

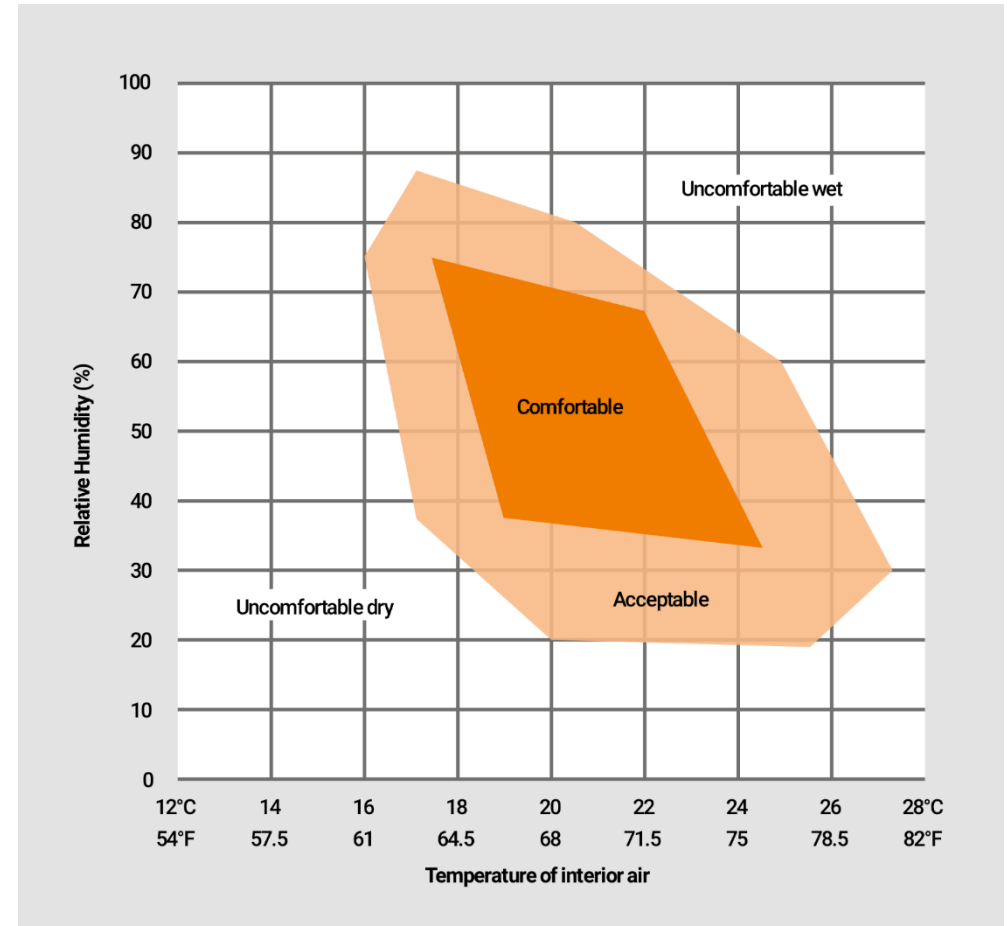
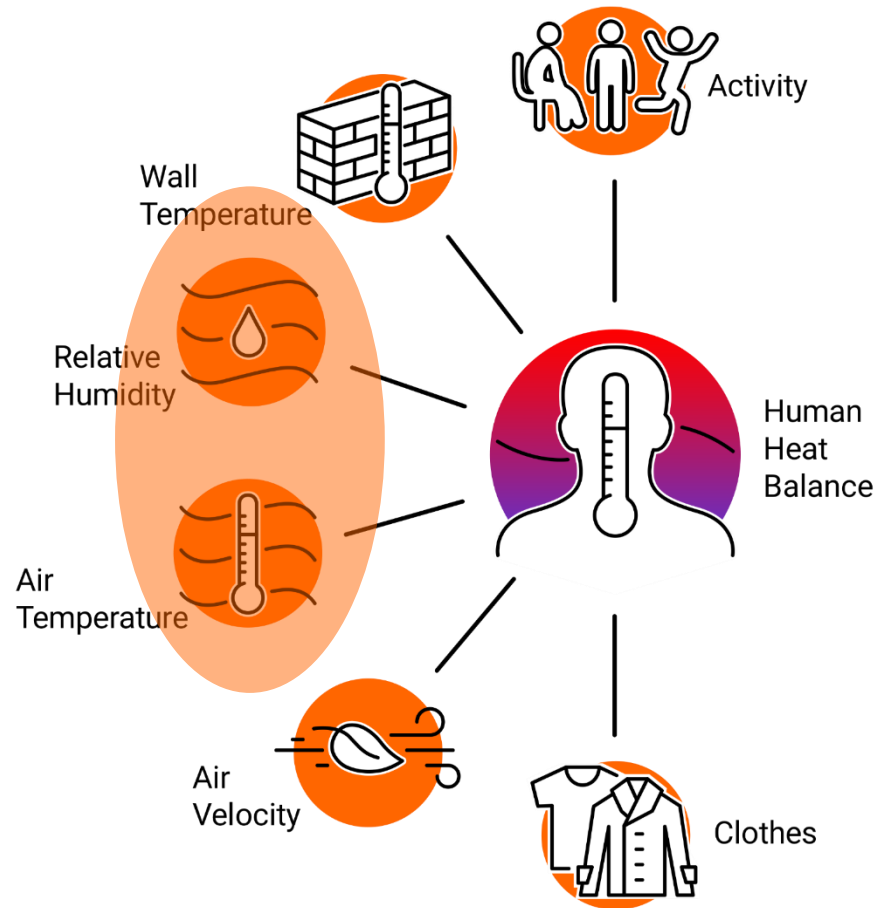
Thermal Comfort

Influenced by many factors



Thermal Comfort

Temperature and humidity must be well controlled



Source: Leudsen / Freymark – 1951

Poor Thermal Comfort Can have health impacts



High moisture can thrive in fungi-mold

Conditions to thrive:

- Temp: 0°C ... 60°C
- Moisture RH>70%
- Mold spores
- Nutrient base

Health impacts

- Allergies
- Asthmatic reactions
- Skin Disease
- Parasite in lungs

Belimo Sensors Overview



Belimo Sensors Overview



All relevant comfort-media covered

