

Position Paper

Our view on Comfort

Many forms of comfort exist and all of them need to be taken into account in order to ensure the best possible overall comfort-level. That is why Van Welleman Villas® defined no less than eight different forms of comfort, enabling us to measure and quantify the degree of comfort. As such, we are able to enforce progress and continuous growth in excellence.

Wellness and Leisure

Wellness and leisure refers to the measures avoiding the origin of stress as well as eliminating the consequences of it.



Thermal comfort

Thermal comfort refers to the ability to manage the thermal environmental elements, regardless of the traditional human inconsistencies (e.g. the “perception” of warmth versus the “actual” temperature).



Immediacy of Services

Immediacy of services refers to the “readiness” and the “around-the-clock” availability of services. This starts as early as outage prevention (e.g. our fuel ignition protection system that prevents burner outage due to fuel-flakes and sediment) up to the provisioning of backup services to avoid personal power outages due to failure of public power provisioning.



Acoustic comfort

Acoustical comfort refers to the isolation and insulation of all types of noise. This covers external sources (e.g. street noise) as well as internal sources (e.g. contact noise, music). Also, we avoid the implementation of these sources by opting alternatives where possible (e.g. using kinetic-neutral resonance technology in our cinemas).



Serviceability

Serviceability refers to the reduction of the required amount of maintenance and/or the avoidance of repair (e.g. our pentagonal heating system that not only provides enhanced thermal comfort, but also reduces the risk for damaged floor tiles).



Visual comfort

Visual comfort refers to the avoidance of disturbing light sources (e.g. direct light rays), up to the eliminating of unwanted light reflections (e.g. Dark Space Media technologies in the cinema).



Logic and Peace of Mind

Logic and Peace of Mind refers to the mental comfort and use-friendliness of all implemented devices and home automation services.



Accessibility

Accessibility refers to the user-friendliness for the disabled and the elderly. It also includes the ease of access for the emergency services in case of calamities and accidents (i.e. “keeping the bad guys out but letting the good-ones in”).



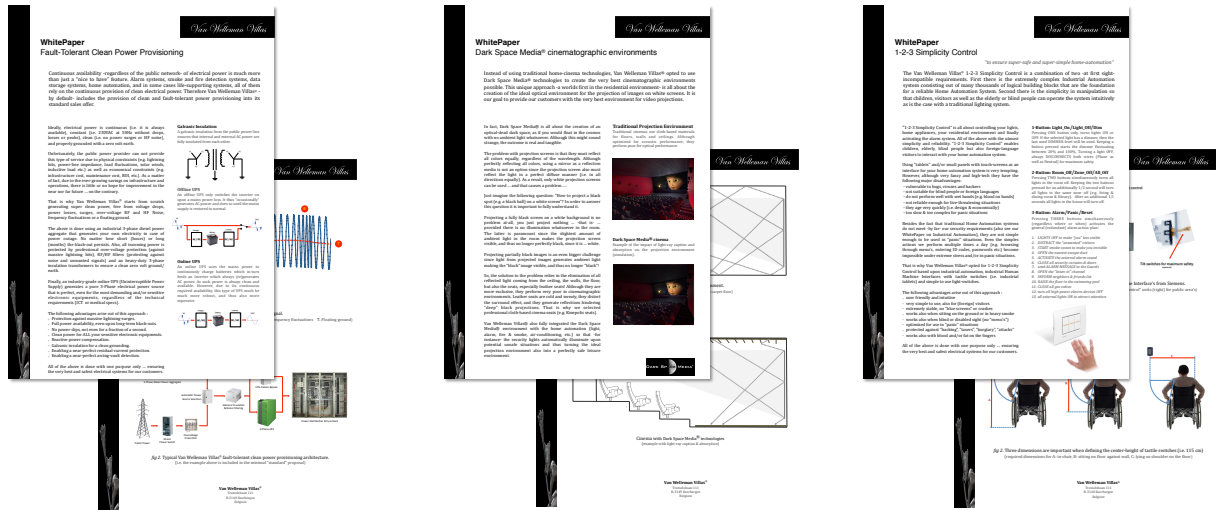


fig 1. Some of our comfort-related White Papers.
 (e.g. Fault Tolerant Clean Power, Dark Space Media Cinematography, 1-2-3 Simplicity Home Automation)

Comfort related “Abstracts” (i.e. “what is so special about Van Welleman Villas?”)

- "Stability, endurance and maintenance"
- "Submerged multimedia"
- "Continuity and redundancy"
- "User-friendliness & simplicity"
- ...

Comfort related “White-Papers” (i.e. “what is the technology behind it?”)

- “1-2-3 Simplicity Home Automation” (simple and safe home automation)
- “Fault Tolerant Clean Power” (safe & clean continuous power)
- “Dark Space Media cinematographic environments” (a near-perfect projection environment)
- “1’ Instant Hot Water” (hot water within one second everywhere)
- “Home Privacy Modes” (a living mode for every mood)
- “Kinetic-Neutral Resonance for cinematographic environments” (your own -non-disturbing- private earthquake)
- “High-Power Kitchen Counters” (all the power your kitchen needs for big parties)
- “Sanitary-Drain Heat Recuperation” (no more energy down the drain)
- “Modular Technical Ceiling” (maximum flexibility for your future needs)
- “Multi-stage System D” (avoiding bacterial contamination)
- “Industrial Automation vs. Residential Domotics” (enhanced reliability and protection against)
- “Pentagonal Heating” (the comfort floor-heating without its backdrafts)
- “Low-Noise Sanitary” (for ultimate acoustical comfort)
- ...

Comfort related “Case Studies” (i.e. “what does this mean for me?”)

- "Super-parties at home"
- "Winter is coming"
- "A long-period energy-strike"
- "I want to turn my sleeping-room into a bathroom and vice-versa"
- ...