

reference cases

Have a look at our clients that achieved tangible impact with our surface heating and cooling solutions, acting for a smart and responsible future.



individual housing



collective housing



commercial buildings



a dedicated support at each step of your project

conception

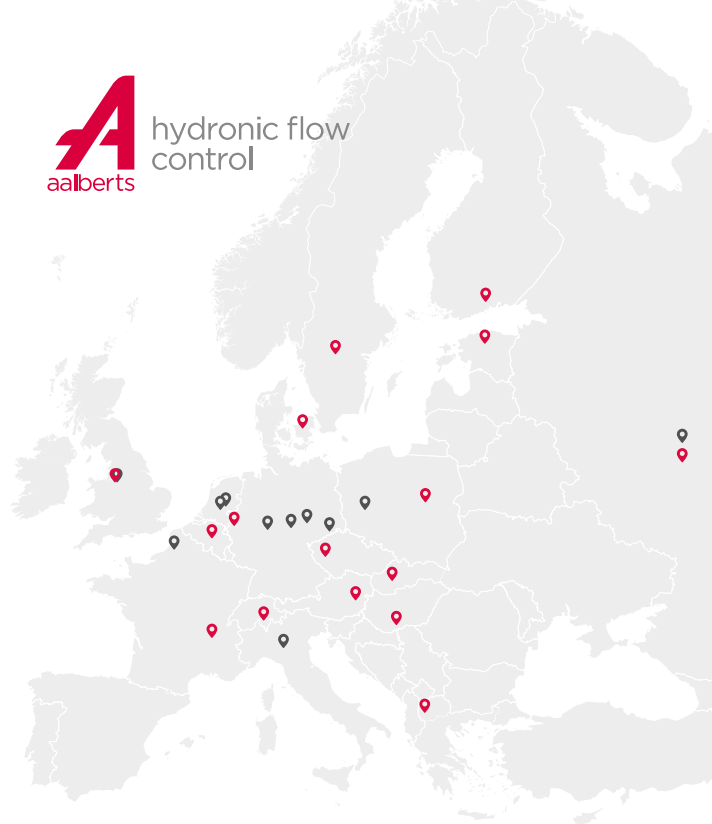
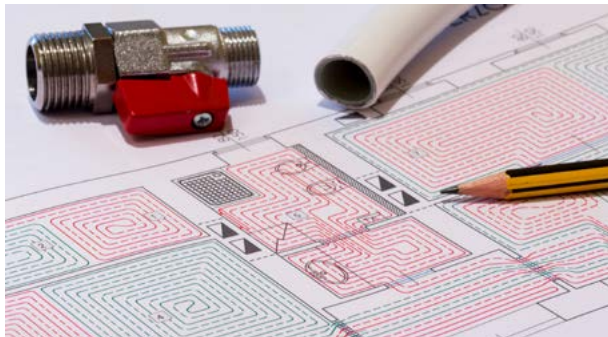
- advice
- design
- calculation
- facilitation

execution

- planning
- quotation
- pricing
- onsite deliveries

maintenance

- monitoring
- control
- optimization



📍 competence & production centers

📍 sales & service offices

Aalberts hydronic flow control

Aalberts hydronic flow control is a one-stop hydronic engineering specialist, from source to emitter, for all building system challenges; delivering innovative, tailor-made and fail-safe solutions that bring great visions to life with superior system performance and energy savings. Aalberts hydronic flow control is partnering with its customers to engineer seamless energy efficient hydronic systems for their building requirements. We are involved in every step of the building life cycle.

stay in touch!

📍 Washway Lane, UK-WA10 6PB St Helens, Merseyside

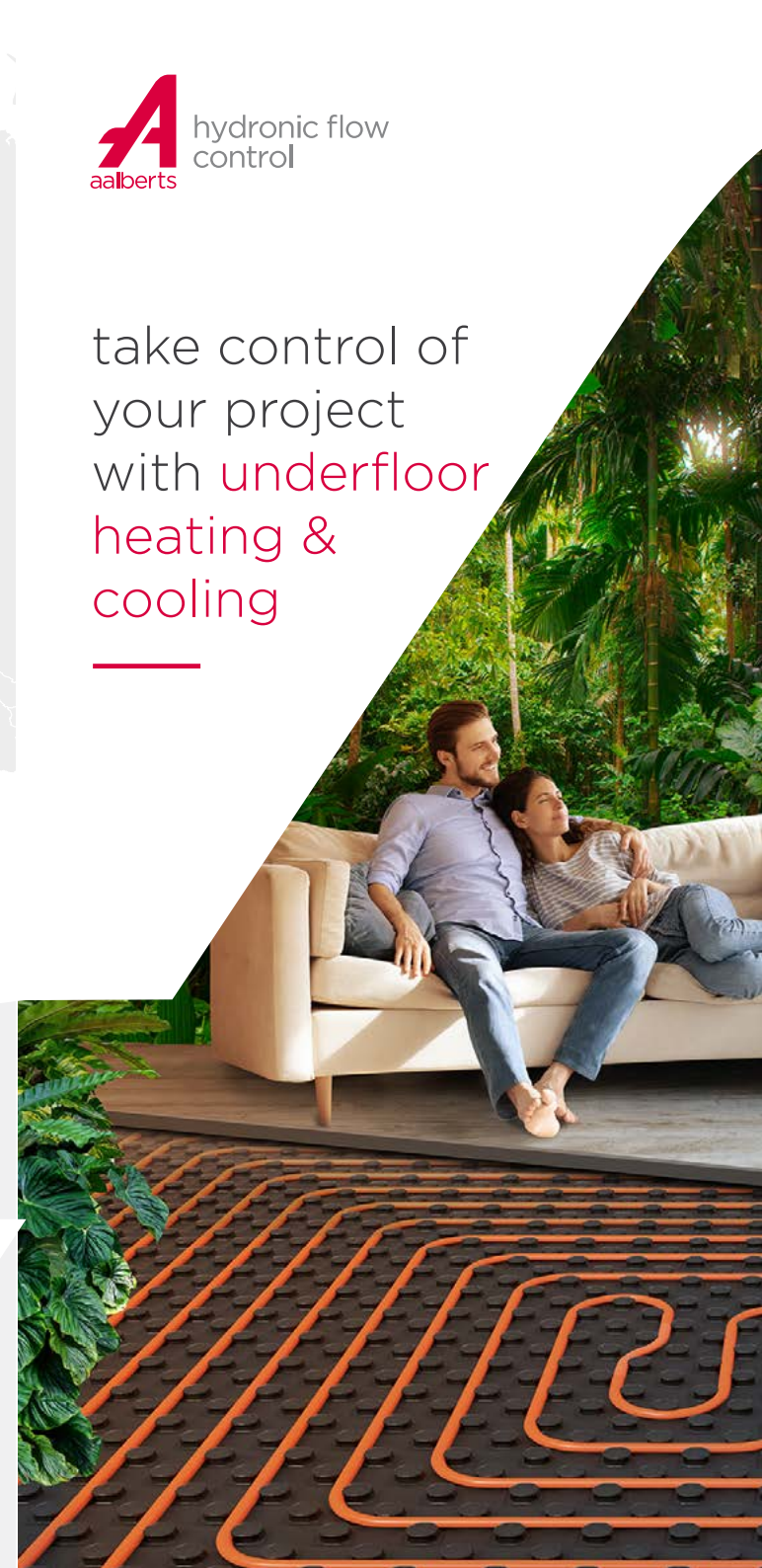
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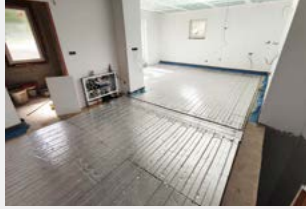


take control of your project with **underfloor heating & cooling**



fixing systems

individual housing



dry system

- fast and clean system (no screed)
- thin, can be laid directly on the existing floor

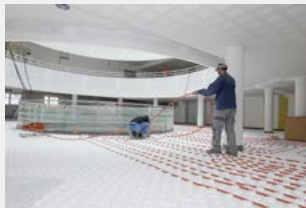
collective housing



tacker system

- easy to use and fast solution
- compatible with anhydrite screed
- large range of insulation

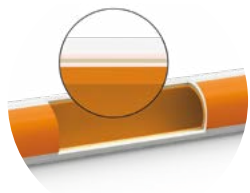
commercial buildings



stud system - optima panel

- Excellent mechanical resistance
- Convenient for high traffic load

pipes specially designed for Surface heating and cooling projects



1. PE
2. Adhesive
3. Anti-oxygen barrier (EVOH)
4. Adhesive
5. PERT (BioPert) or PEX (BioPex)

Biopex and Biopert pipes

The 5 layer pipes improve resistance to corrosion and to external aggressions thanks to the outer layer that protects the oxygen barrier.

control systems

individual & collective housing



modular manifold

- Easy to use : modules can be added on the construction site if necessary
- Excellent thermic insulation : suitable for both heating and cooling
- Corrosion-free

Comap Smart Home thermostat

- Wireless
- Programmable
- Remote solution through smartphone
- Compatible with vocal assistants (Google and Alexa)
- Eu.bac = 0,3K

commercial buildings



Secos - Smart manifold

- Permanent hydronic balancing without calculation
- BMS connection : sensors provide data for a Building Management System
- Pre-wired : controller and actuators already installed

Comap Smart Home thermostat

- Adapts heating to presence of occupants
- Pilot the heating in several zones from one account
- Instantly access the temperature of the building
- Access to building statistics

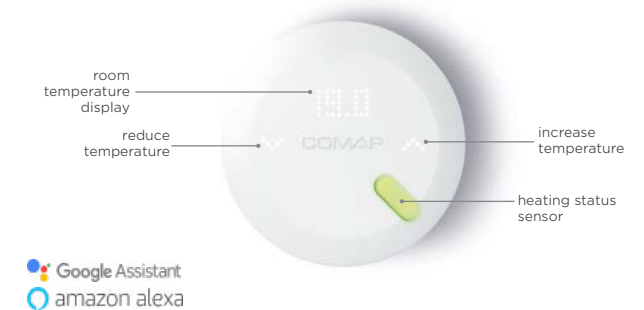
take control with an efficient control system

To ensure optimal performance of a surface heating and cooling installation, an efficient control system is required.

The more the control system adapts to the building/dwelling environment, the better the comfort and energy savings.

	No control system	Basic control system	Programmable control system	Programmable & remote control system	Autonomous control system
Comfort	--	-	+	++	+++
Energy savings	--	-	+	++	+++

Comap Smart Home



Take the control with the connected thermostat Comap Smart Home :

- Zone by zone heat control and programming
- Easy to install
- Wireless
- Available in programmable version (remotely through Smartphone) and in autonomous version (temperature learning, adapts the temperature to the habits of the occupants)
- One gateway for both radiator and surface heating and cooling