



## The fully automatic hydraulic compensator

An intelligent automatic actuator for live balancing of heating and cooling circuits.

### Product overview

The AmbiEgo control drive completely redefines heating circuit control. With the AmbiEgo-AI (artificial intelligence), a perfect hydraulic balance becomes child's play. Convenient, simple and reliable.

AmbiEgo variable speed drives can be used as a 'plug-and-play' solution on all common distribution systems. You do not need any special commissioning or parameterization, nor additional components such as routers, gateways or app control. As a result, they differ significantly from the expensive "home automation systems".

Immediately after installing the system on the construction site, the AmbiEgo's carry out a technically perfect hydraulic balance. The innovative control drives completely eliminate the "human factor" in heating circuit regulation. Sensors on the pipes measure temperature differences - AI and microchip do the rest by continuously calculating the correct temperature spread and the corresponding valve position.

The additional costs compared to conventional actuators are amortised directly with the installation due to the time savings, since calculation and manual implementation of the hydraulic balance are no longer necessary.

Max number of AmbiEgo's to be connected to 1 actuator output on the UB10 wiring centre is 4 pieces.

### Benefits

- Time-saving calculations
- Technically perfect hydraulic balance
- Completely eliminates the factor of using a human
- Maintains balance through the years
- Adapts to the built environment
- 'Plug-and-play' system
- Simple and reliable to use

