

OPEN*balance*

The Revolution



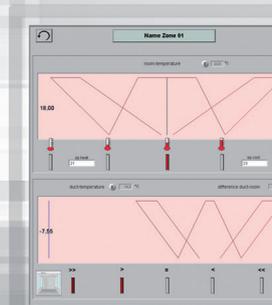
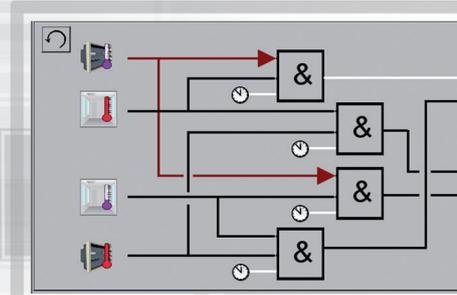
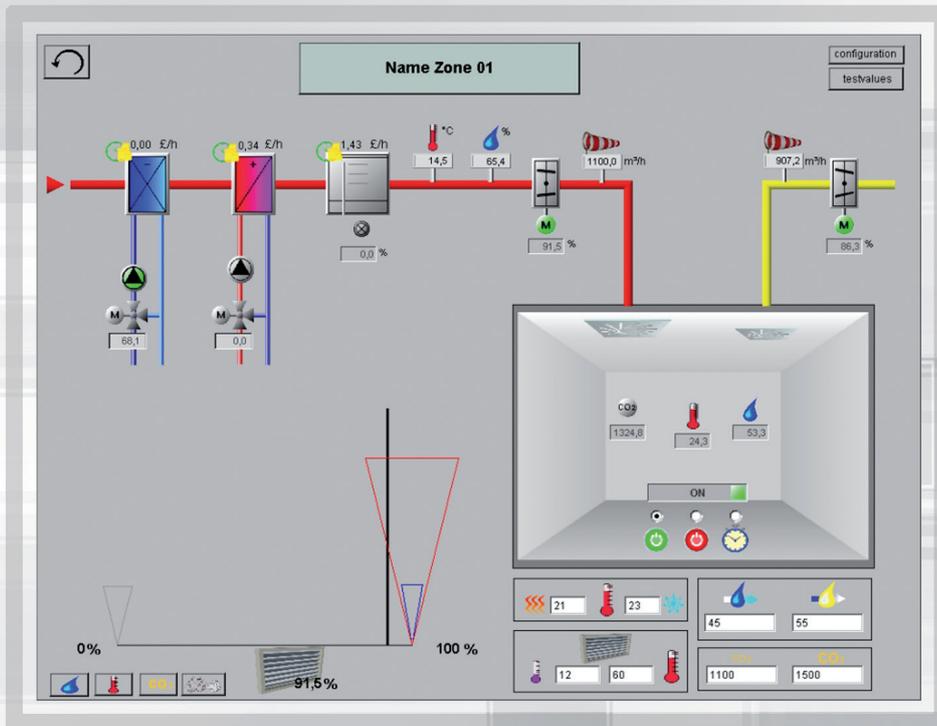
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Technology for intelligent buildings

OPENbalance.

Clever, efficient, sensational:

The cost control systems for your building.



OPENbalance – intelligent.

Would you like to reduce your ventilation technology energy costs and still maintain a comfortable temperature and sense of well-being throughout all of your rooms? **OPENbalance** is the perfect solution.

Our unique, innovative and intelligent control system for ventilation systems is constantly monitoring all of the operating parameters, both in the ducts as well as in the ventilated spaces.

OPENbalance constantly compares these parameters with the parameters that are stored in the system for each room, constantly calculates the optimum control variable for each damper, and adjusts the temperature, humidity and air volume so as to minimize the amount of energy consumed while providing the most cost-effective operating point for the entire ventilation and air-conditioning system.

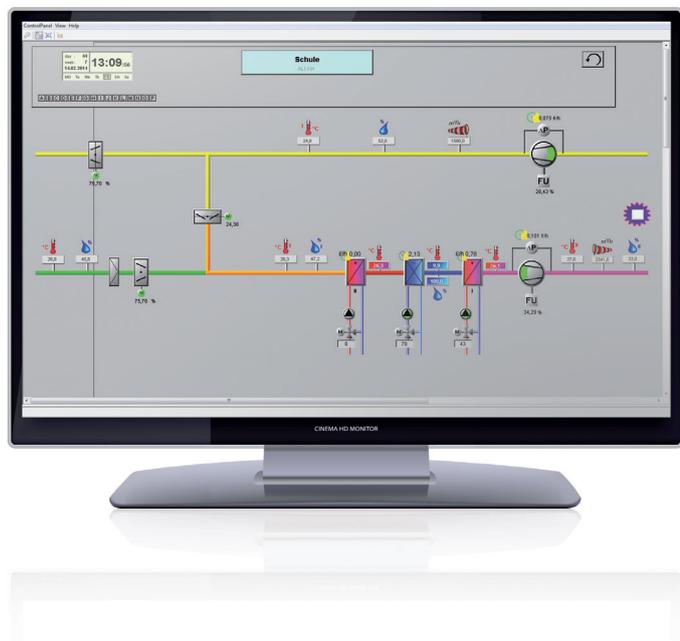
All operating conditions for the ventilation, heating, and cooling technology are displayed so that they are completely transparent and include current operating costs.

OPENbalance is the perfect combination of maintaining Building Management Systems (BMS) together with cost efficiencies.

OPENbalance takes its cue from nature.

OPENbalance works with the natural movement of air molecules, which means it is cheaper to use and provides an environment that feels much nicer than conventional, controlled ventilation. By balancing the air handling unit flow rates, OPENbalance prevents any untreated outside air from entering the space. Furthermore, by utilising the lowest possible volume of air, there is less noise, less air movement, lower maintenance costs and the insulating layers of air are not destroyed. This creates a natural air distribution throughout the space and a more comfortable environment.

OPENbalance balances the three states of temperature, humidity and air quality, creating a perfect indoor climate while passing on the energy savings to you.



OPENbalance is intuitive.

OPENbalance uses universal operating symbols that are easy to understand and also provide 100% transparency.

OPENbalance does not need any programming tools for configuration.

OPENbalance guarantees that it will reduce costs, save energy and provide optimum comfort.

OPENbalance at a glance!

With **OPENbalance**, you get:

- The security of an operating point that is always cost-effective
- Constant control of your air-conditioning energy costs
- Increased comfort in each room through reduced air flow rates
- A guarantee by reducing the air flow rate, your energy costs will decrease

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