



# Creating Balance



Lindab **Pascal**

Intelligent DCV-system for a perfectly sustainable indoor climate

# Most intelligent in its class. Undoubtedly.

## Compatible with both air- and waterborne systems

### Lindab Pascal

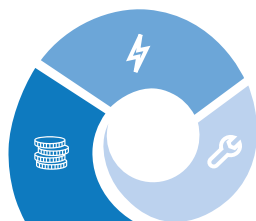
- Reduced installation costs
- Easy maintenance and flexible for future changes
- Web interface for system monitoring and configuration
- Patented Solution for airflow regulation
- Low energy use and added sustainability
- Architectural flexibility: High flexibility and future adaptability

Patented Technology by Lindab

Lindab Pascal is a Demand Controlled Ventilation system (DCV), developed and designed not only to simplify and optimise all phases of construction from design to installation and maintenance, but also to maintain a healthy indoor climate without compromising with energy efficiency.

### Invest in your building

Through proven energy savings and reduced CO2 emissions, Pascal already fulfills the environmental goals for 2020 laid down in the Kyoto agreement.



### Lindab Pascal – Water

- With Lindab's Pascal Water we have gathered the best energy saving technologies, Chilled beams and VAV

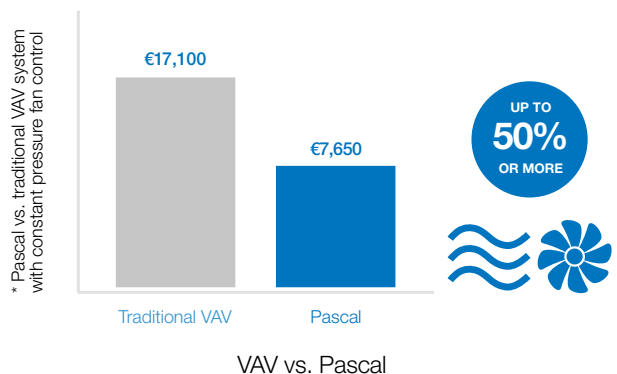
Lindab Pascal is also compatible with waterborne systems. The core of the Pascal water system is a Lindab active chilled beam, an already energy efficient device for comfortable indoor climate and low energy use. An ACB that already combines ventilation, cooling and heating will be equipped with a presence sensor and Regula Pascal Connect and combines with a new DBV VAV unit.



Lindab's active chilled beams are Eurovent certified and tested according to EN-15116.

## Economical and energy efficient

Save up to 50% fan energy with Pascal



# Pascal – an overview

**Intelligent communication**  
Intelligente Kommunikation

**Room controller**  
Raumsteuergerät

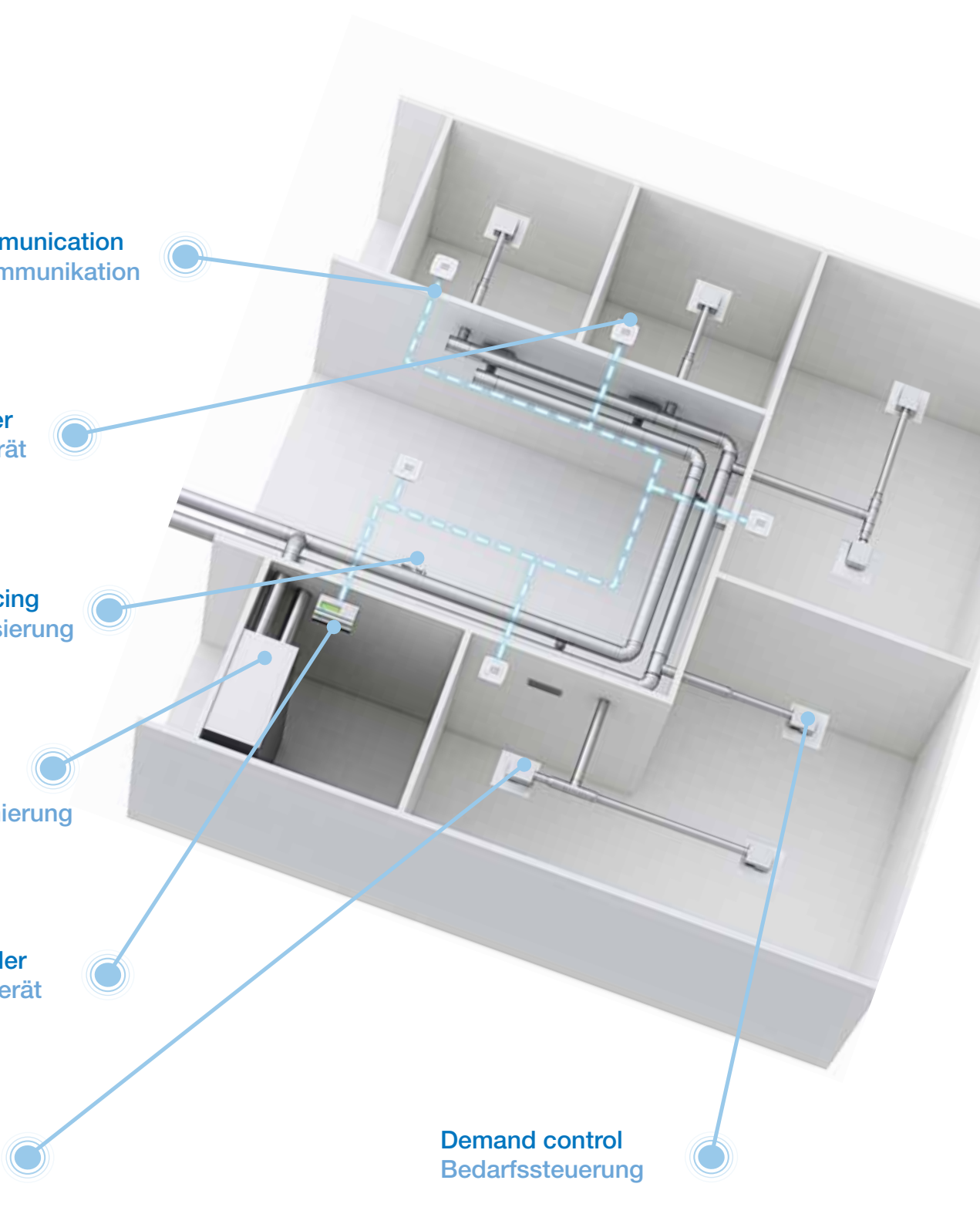
**Exhaust balancing**  
Abluftharmonisierung

**Fan optimizer**  
Ventilatoroptimierung

**System controller**  
Systemsteuergerät

**Room unit**  
Raumgerät

**Demand control**  
Bedarfssteuerung





## Good Thinking

**At Lindab**, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do this by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do this by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. This means less carbon emissions in nature and less energy wasted.

**We simplify construction**