



# Lindab **Inside**

Residential ventilation by Lindab




# why?

Around 40 per cent of Europe's energy use and greenhouse gas emissions come from the private housing segment. But in less than 10 years all new buildings are supposed to use almost no energy at all according to EU directives. To meet this challenge we must find effective ways to stop unnecessary energy losses and minimize the environmental impact – without jeopardizing the indoor air quality or the project costs.

**Stop unnecessary  
energy losses**

**Enhance indoor  
air quality**

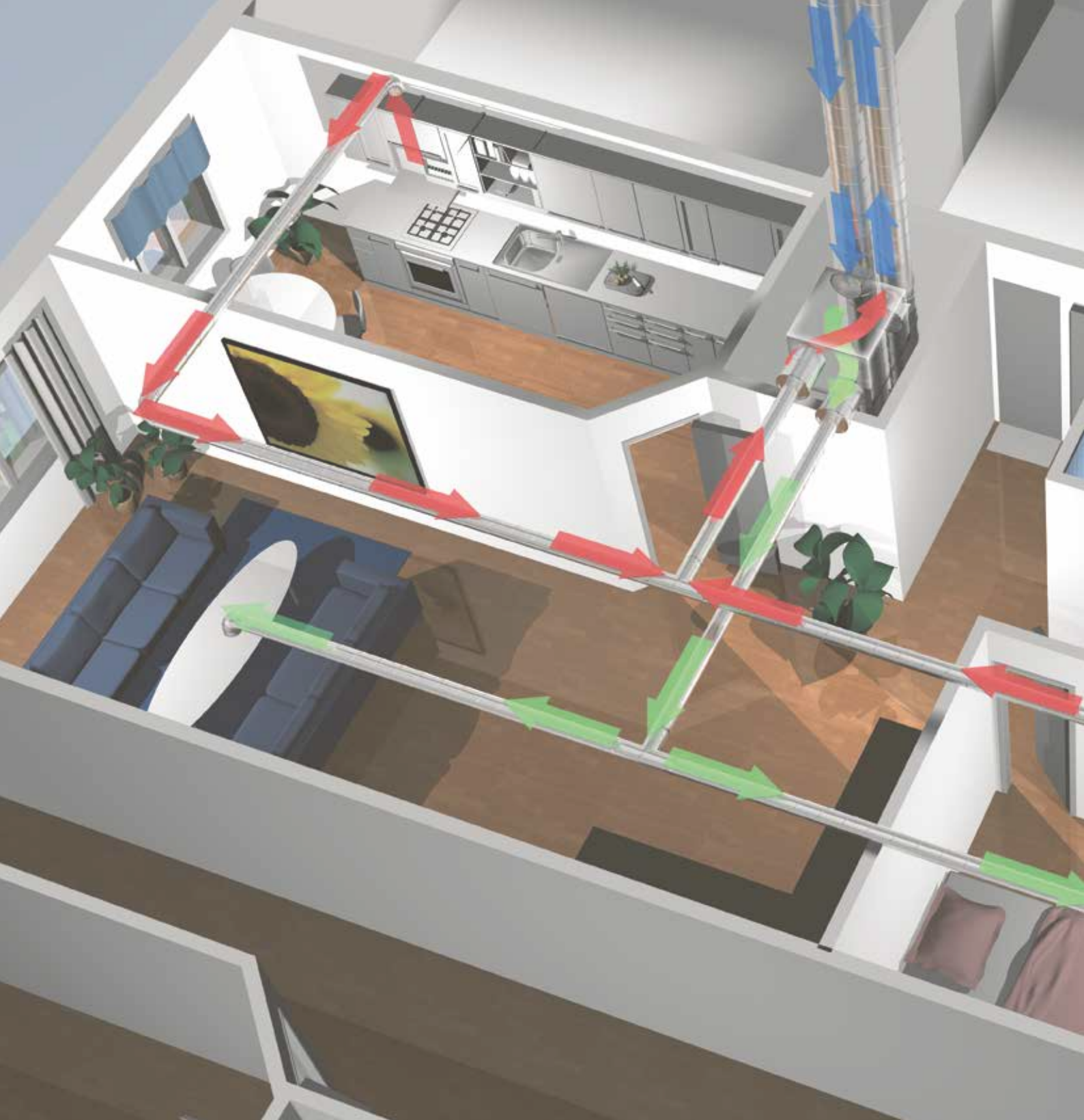


But don't worry. With residential ventilation by Lindab you can offer your clients the best of two worlds. And make the planning of your next project easier than ever.

Take a closer look at Lindab Inside, the energy-efficient ventilation package for a sustainable future.

**Simplify project  
planning**

**Make an  
environmental  
difference**



- A balanced, double-flow system gives full control over the incoming air: It can save up to 7,000 kWh/apartment every year.
- The incoming air is filtered to keep pollen and other harmful air particles out of the apartment.
- A circular, airtight system uses less energy and has better operating economy. Maintenance is easy and uncomplicated.

# how?

Residential ventilation by Lindab not only enhances the indoor air quality and the building standard. It also re-uses the heat from people, electric equipment and heating.

The heart of the residential ventilation by Lindab is our energy-efficient and airtight Lindab Safe® ducting. Combined with a heat exchanger recovering 80 per cent or more of the energy in the indoor air, you will minimize heating costs considerably. Heat recovery ventilation saves up to 7000 kWh per year and apartment.

In short, it's all about taking control over and using the energy of the indoor air.

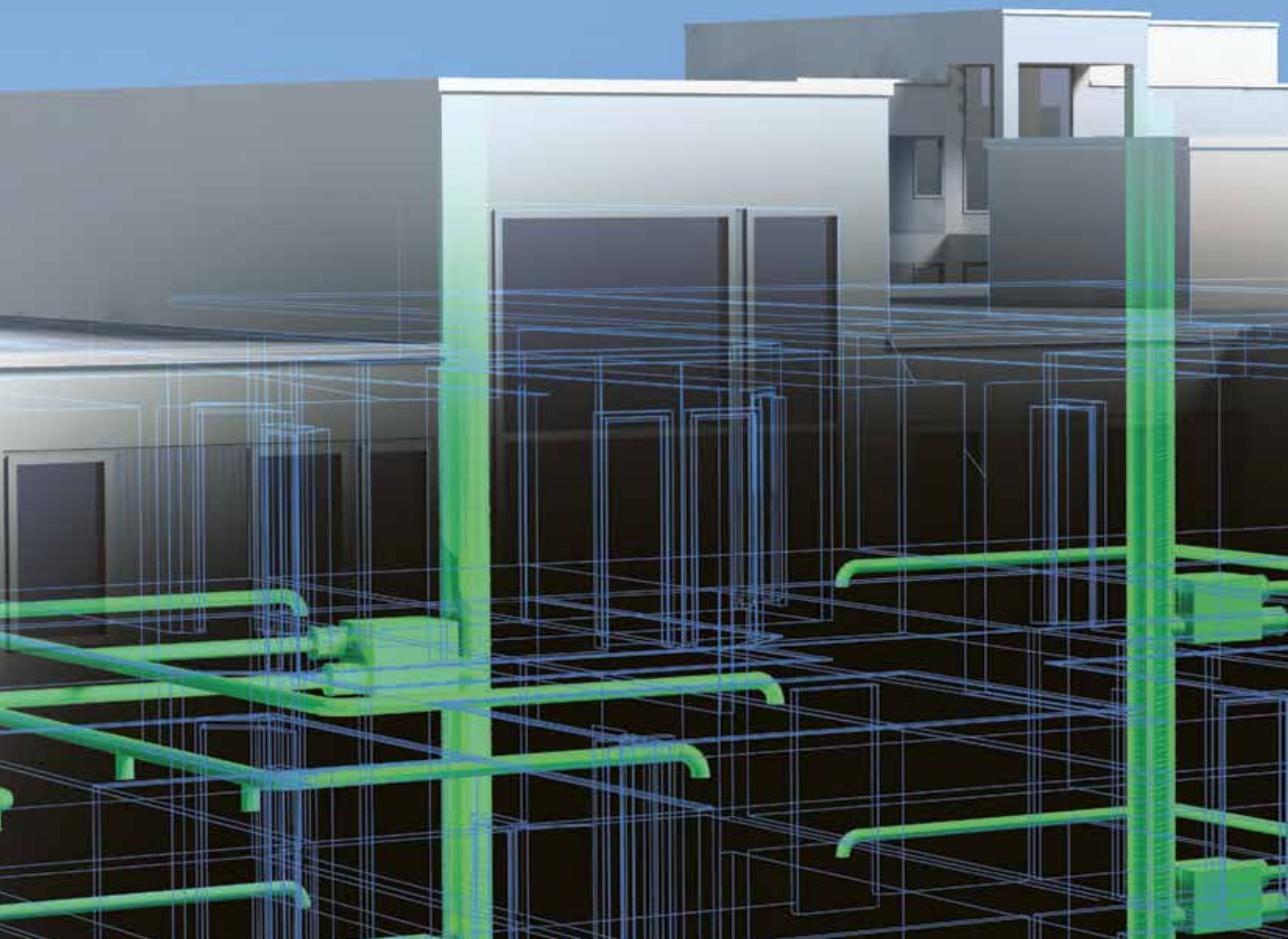
We call it Lindab Inside.

- The ventilation system is a long-term, safe investment, completely independent of future changes concerning the external heating system.
- The incoming air is tempered by the heat exchanger to match the indoor temperature, creating a comfortable indoor climate and minimizing draught.
- The effect of the system can be adjusted according to specific needs – lowered when people are at work or raised when the whole family is around.

# aha!

When you choose Lindab Inside, you will get more than a complete, energy-efficient ventilation system with state-of-the-art components.

We help you to plan, dimension and optimize your project with our AutoCAD application. You will get complete documentation about your system and the components. You can profit from the knowledge we have gained through many years of developing ventilation solutions. And you can offer your clients the whole ventilation package including service.



Lindab Safe® Click makes the ducting system energy-efficient and airtight, reaching the highest tightness class (class D).



The centrally placed inlet and outlet fans are effective and energy-efficient.

Air supply grilles provide living rooms and bedrooms with indoor tempered, fresh air.

Exhaust valves draw out the used air from kitchens, bathrooms and laundry rooms.

Individual heat exchangers make it possible for inhabitants to control indoor temperature.

The automation and control system regulates and provides a constant overview over the ventilation performance.

Lindab Inside can help the building to reach energy class A.



Our offer includes detailed project documentation as drawings, reports, airflow calculations and component specifications.





Lindab develops, manufactures, markets and distributes products and system solutions primarily of steel for simplified construction and improved indoor climate.

Lindab Inside – Residential ventilation by Lindab – is our initiative to meet future stringent EU directives for energy-efficient residential buildings. The initiative is based on our long experience and extensive know-how in the fields of ventilation and indoor climate.

Lindab Inside includes innovative, sustainable solutions that prevent unnecessary energy loss, improve indoor air quality, simplify project planning and do the environment a favour.

[www.lindab.com](http://www.lindab.com)