



# Lindab Inside

Residential ventilation by Lindab





# why?

International as well as local authorities are making ever more stringent demands for energy-efficient homes. This is why new residential buildings are being developed with even tighter building envelopes. In addition, many older apartments are facing radical energy renovations. This means that the demand for energy-efficient ventilation solutions is on the increase.

As a fitter, you must be confident that the jobs you do comply with the prevailing requirements. When you choose residential ventilation by Lindab, you can be absolutely sure that they are. At the same time, your customers will benefit from the best of both worlds – a good indoor climate and the lowest possible energy usage.

**Effective  
ventilation**

**Pleasant  
indoor climate**

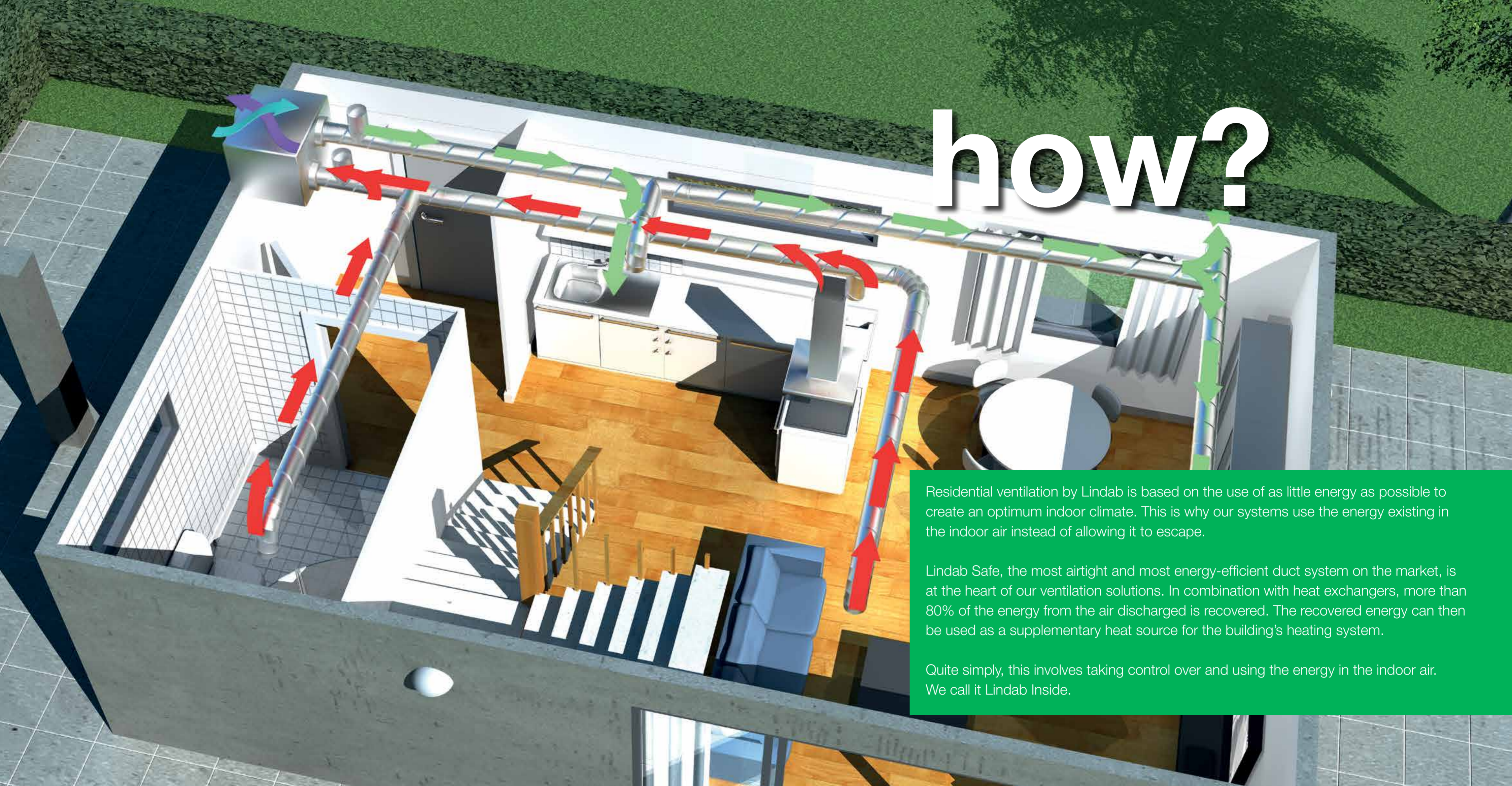
**Low energy  
usage**

**Compliant with  
prevailing requirements**





# how?



Residential ventilation by Lindab is based on the use of as little energy as possible to create an optimum indoor climate. This is why our systems use the energy existing in the indoor air instead of allowing it to escape.

Lindab Safe, the most airtight and most energy-efficient duct system on the market, is at the heart of our ventilation solutions. In combination with heat exchangers, more than 80% of the energy from the air discharged is recovered. The recovered energy can then be used as a supplementary heat source for the building's heating system.

Quite simply, this involves taking control over and using the energy in the indoor air. We call it Lindab Inside.

- A good ventilation system provides fresh air all the time and creates a pleasant, healthy indoor climate.
- A closed ventilation system in combination with an efficient heat exchanger recovers the heat in the air, saving both energy and money.

- A pleasant healthy, indoor environment is free from pollen, moisture, mould and condensation.
- Residential ventilation by Lindab is quiet and easy to maintain.
- Valves and air units are designed to blend into their surroundings.



# aha!

Would you like some professional advice and assistance for your next ventilation project? Contact your nearest wholesaler and ask for Lindab Inside. Together, we can get the job done and ensure that your customer gets the best possible results.

When you choose residential ventilation by Lindab, you get much more than a complete, energy-efficient system with state-of-the-art quality components and accessories. The entire solution is supplied in a package including detailed drawings. These indicate precisely how the system is to be installed.

You can always contact us for advice and tips if you have any questions during installation. And, not least, you can offer your customers a complete, energy-efficient ventilation solution with heat recovery.

Lindab Safe® Click ventilation ducts are quick and easy to install. The result? The most airtight system on the market.



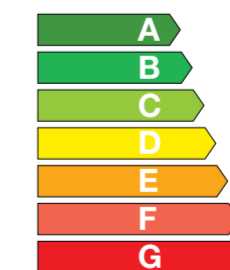
Lindab Inside includes everything you need for energy-efficient residential ventilation for detached houses, terraced houses, apartment buildings and housing associations.



Detailed drawings and instructions simplify installation. All in a single package!



A residential ventilation system from Lindab makes it easier to achieve Energy class A.



We provide advice and support throughout your project so that you can concentrate on supplying your customer with the best solution.



Case studies show 7-37% greater system efficiency when Lindab Safe is used\*.

\*Source: Carrié, F.R. and Leprince, V., 2011. Impact of ductwork airtightness and conduction losses on heat recovery efficiency. Proceedings of the 2011 BUILDAIR symposium, Berlin, Germany, 6 May 2011, pp. 9-15



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)