



Lighter, smaller
**and value for
money**



Lindab **Compact Box™**

Ventilation quality in a box

Why you need a plenum box



Indoor climate has profound impact on both performance and health – but also our well-being and mood. That is why it is so important that you pay attention to your ventilation setup.

A plenum box regulates the air and sound in your ventilation system and provides important functions for comfort and indoor air quality, such as measured and balanced airflow, evenly distributed air flow to diffusers and sound attenuation.

A Lindab plenum box is compatible with a variation of diffusers depending on the plenum box of your choice – no matter the need Lindab has got you covered.



The plenum box benefits

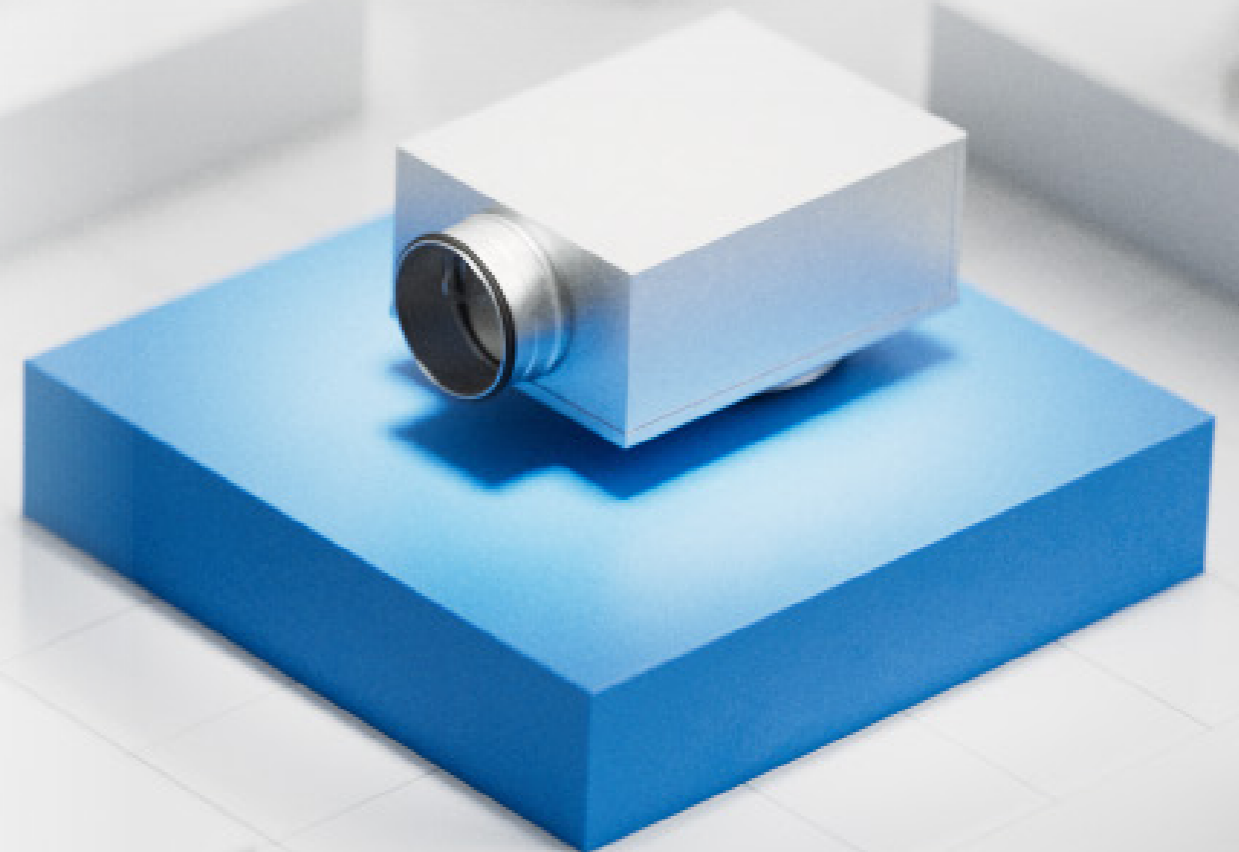
- + Air flow evenly distributed to diffuser
- + Measure airflow
- + Sound attenuation
- + Balancing of the airflow

Say hello to Compact Box™

- the lighter, smaller and more compact plenum box

Lindab is all about quality so no matter what product or system you choose, you will have high-end ventilation components inside-out. But we also recognize and acknowledge the different needs and requirements throughout your building. The Compact Box is made to cover the need for a less-is-enough market, where neither space, room nor demand require the larger and more advanced plenum box.

Lindab Compact Box is the optimal choice when you need a low-pressure system with a maximum pressure drop of <math><50\text{pa}</math> that does not require pinpoint measurement accuracy.

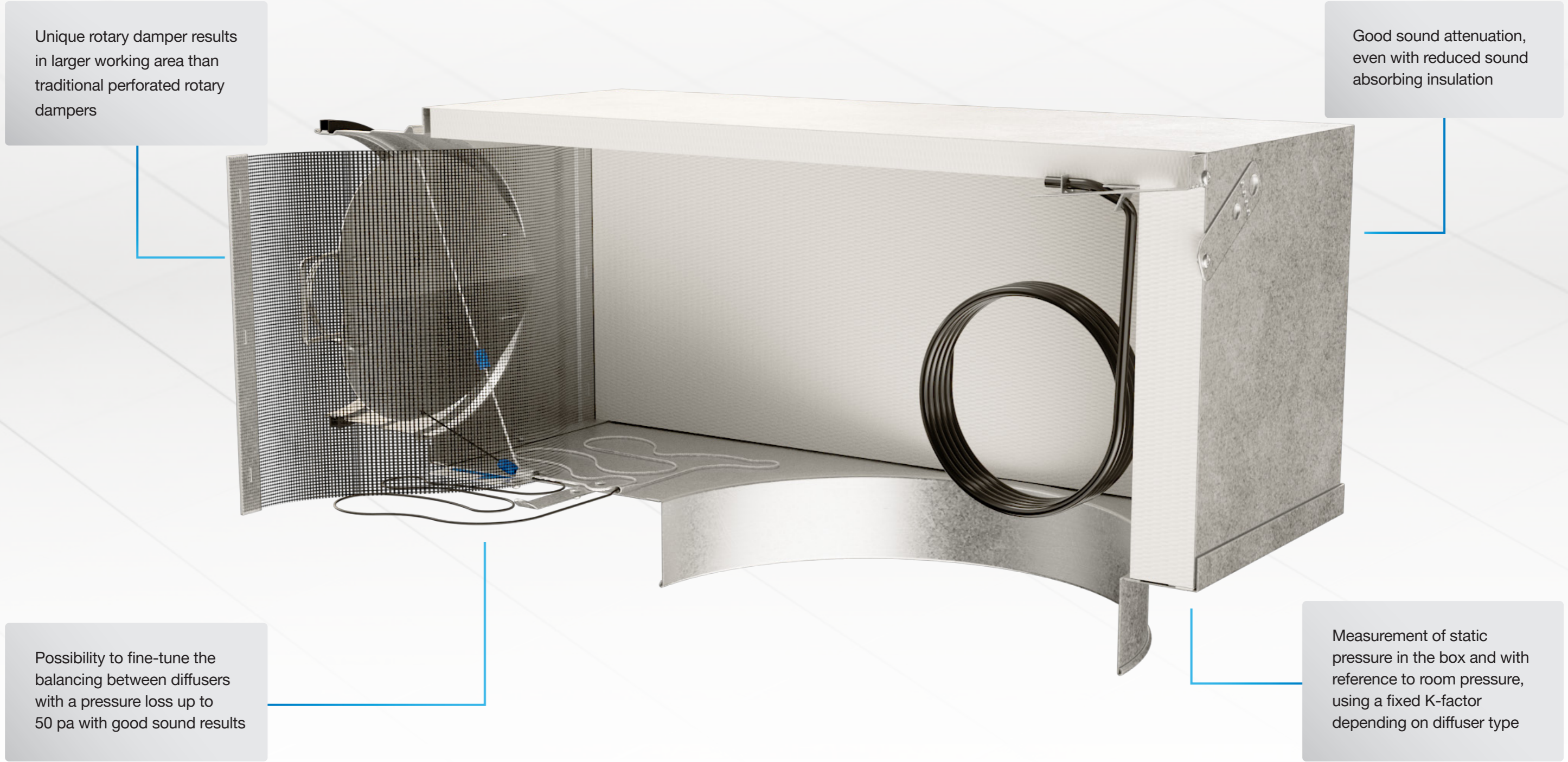


Compact but brilliant



Responsible choices

The Compact Box comes with an EPD (Environmental Product Declaration) that includes documented carbon transparency and life cycle impact.



Unique rotary damper results in larger working area than traditional perforated rotary dampers

Good sound attenuation, even with reduced sound absorbing insulation

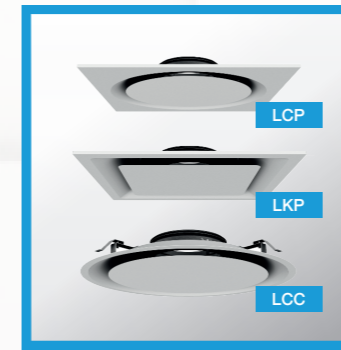
Possibility to fine-tune the balancing between diffusers with a pressure loss up to 50 pa with good sound results

Measurement of static pressure in the box and with reference to room pressure, using a fixed K-factor depending on diffuser type

Large or small a plenum box for all

So, what are the pros and cons of the plenum boxes? Should you go for the advanced Multi Box with multiple options or the light-weight little brother – the Compact Box?

Let's compare...



Pair it with diffuser for perfection

With a large selection of diffuser designs, the choice is yours. What functions are needed and what design do you prefer? Our LCP, LKP and LCC diffusers are some of our most popular diffusers due to their functions, design, and flexibility.

Take your pick...



Multi Box



- | | |
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| <ul style="list-style-type: none"> + Up to 200 pa with low sound + Extra good sound attenuation + Stable and accurate measurement + Linear damper characteristic + Perfect for integrated VAV regulation | <ul style="list-style-type: none"> - Bigger dimensions needed for B and V damper functionality - More insulation needed to achieve better sound attenuation - More components needed for unique damper |
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Compact Box



- | | |
|--|--|
| <ul style="list-style-type: none"> + Small box dimension + Less components for damper + Less insulation and steel material + Sufficient adjustment range + Value for money | <ul style="list-style-type: none"> - Less sound attenuation - Can handle up to 70 pa, might need additional damper for full balancing - No option for integrated VAV |
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Most of us spend the majority of our time indoors. Indoor climate is crucial to how we feel, how productive we are and if we stay healthy.

We at Lindab have therefore made it our most important objective to contribute to an indoor climate that improves people's lives. We do this by developing energy-efficient ventilation solutions and durable building products. We also aim to contribute to a better climate for our planet by working in a way that is sustainable for both people and the environment.

[Lindab](#) | For a better climate