

Thermobox 150 (4043064)



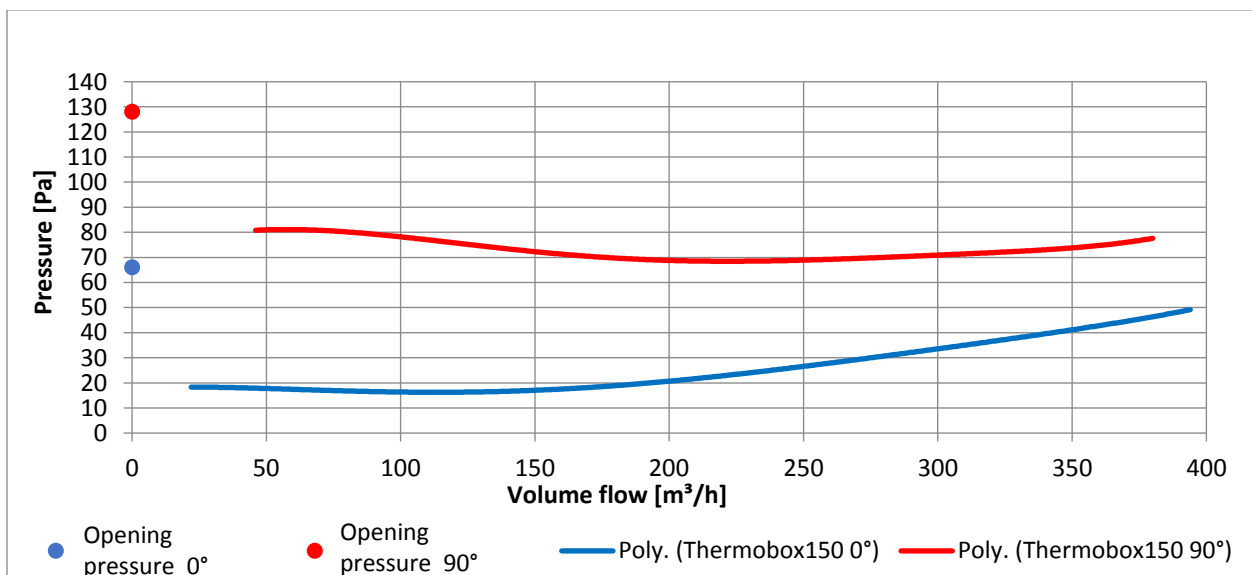
Description:

Blower-Door certified heat retention system with a U-value of 2.2 W/m²K. Optimum thermal insulation due to multi-chamber retention system. Suitable for retrofitting existing Naber® wall conducts in old and new buildings.

Advantages:

- Blower-Door certified (necessary opening pressure >65 Pa)
- Suitable for vertical and horizontal installation
- Heat transfer coefficient of approx. 2.2 W/m²K
- Flow-optimised geometry

Pressure loss + opening pressure (horizontal, vertical):



Further information on Thermobox at:

<https://www.naber.de/de-thermobox-150-13027/>

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 Blower-Door Test

Certificate

Thermobox 150

Manufacturer Naber GmbH Enschedestraße 24 in 48529 Nordhorn

- Based on the air tightness measurement in a laboratory-like test situation with a defined building envelope* (box with 22m³ volume) with a built-in wall conduct for an extractor hood.

Compared to other wall conducts tested, the “Thermobox” is significantly more airtight. Both in the positive pressure measurement up to +60 Pa and in the negative pressure measurement at -60 Pa, the wall conduct "Thermobox" was the only one tested that closed airtight.

This high quality in terms of airtightness virtually reduces heat losses via the non-operating cooker hood to zero in the above-mentioned pressure range compared with the other wall conducts tested.

Even in the negative pressure measurement, leaks were detected by the competitors.

- In the positive pressure test, the volume flows measured were between 100% and 400% above those of the “Thermobox”. Since there is a direct correlation between the volume of air exchanged and the thermal energy it contains, it can be assumed that the heat losses are in the same ratio.

The wall conduct “Thermobox” thus offers an effective contribution to energy saving.

Issued:

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* The measures carried out are based on a test model without built-in extractor fan which was made especially for testing the tightness of wall conducts.

