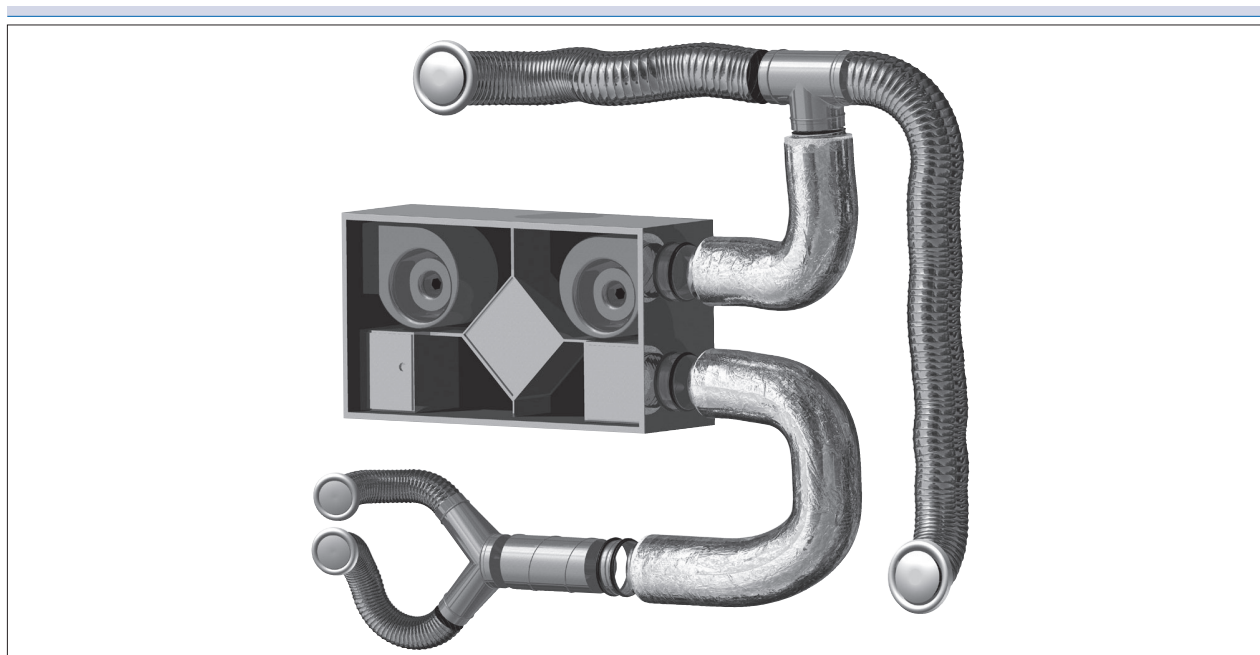


Flexible ducts

ALNOR reserves the right to modify technical specifications
in line with the policy of continuous product improvement.

System description



System description

Flexible ducts complement the ventilation ductwork. Flexible ducts are a good solution for building connections between rigid ducts made from metal sheets and air supply diffusers or plenum boxes. They can also be used to output hot air from a fireplace firebox to an air heating ductwork system, or for building heat recovery systems.

Dimensions

The flexible ducts are designed for the high sizing range of round ventilation components to facilitate assembly of a ventilation system. The flexible ducts are available in 3, 5 and 10 metre long sections (measured for a fully stretched section).

Marking

ALNOR products carry the Polish conformity mark B for construction products and product codes as shown in the technical specifications listed in this catalogue.

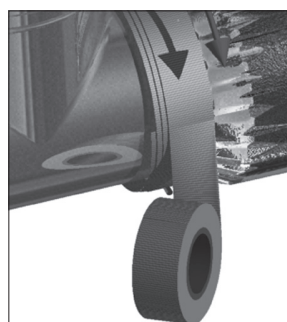
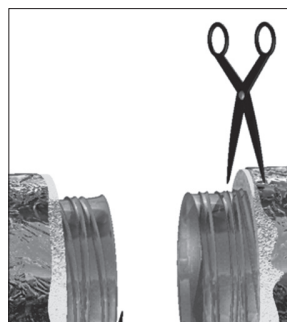


Application advantages

The ducts are flexible; as such, they can be easily installed in hard-to-reach parts of building or whenever it is difficult to exactly lay out the connections of plenum boxes beneath a suspended ceiling. The 10 metre long flexible ducts reduce the time to connect short ductwork stretches. The 120-cm long boxes ensure easy handling and storage of flexible ducts. The 25-mm thick mineral wool insulation and the perforated inner tube allow using flexible ducts as ducted silencers.

Installation instructions

When trimming a flexible duct, the cladding must be first cut with a knife or scissors. Next, the cladding needs to be cut along the inner spiral over one turn of its coil. Finally, the coil needs to be cut off with pliers at the trimmed edge. The trimmed duct edge is then put over a fitting or an air supply diffuser, fixed in place with a TKS band clip, and the outer cladding of the flexible duct needs to be sealed along the joint with a sealing tape.



The ALUDUCT AD-L, ALUDUCT AD-3, SONODUCT AD-L, SONODUCT PE AD-L, and IZODUCT AD-3 flexible ventilation ducts are provided with the PZH-NIH Hygiene Certificate no. HK/B/0100/01/2009.