

Description:

The PEFLEX PP 2x90 plenum box is designed to connect two Ø90 mm ducts to a Ø125 mm spigot leading to an air diffuser in mechanical ventilation systems. Its purpose is to reduce air velocity, which helps equalize and stabilize airflow, minimize noise, and ensure quiet, uniform system operation.

It is available in versions suitable for floor and ceiling installation, in long-socket, short-socket, and nipple-type extension variants. Thanks to its very low-profile body - only 60 mm in height - the plenum box is ideal for buildings with limited floor insulation thickness (50–60 mm).

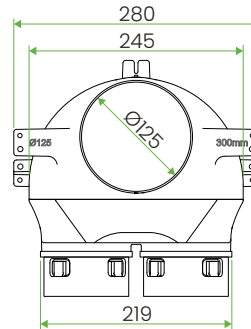
The Ø90 mm couplings with integrated gaskets and the CLIK connection system ensure quick and airtight duct installation, while the welded construction provides high durability. Unused inlets can be sealed with Ø90 mm end caps.

Technical Specifications:

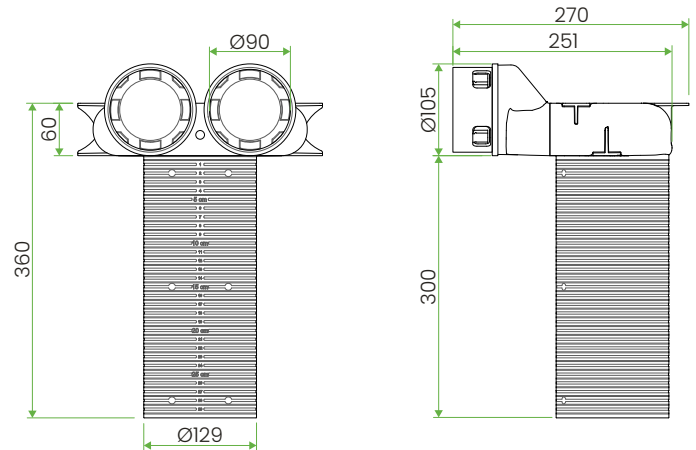
- **Material:** Polypropylene (PP)
- **Number and diameter of connection sockets:** 2 × Ø90 mm
- **Maximum airflow:** 90 m³/h
- **Connection system:** CLIK couplings with integrated spigots
- **Diffuser spigot diameter:**
 - Socket-type: Ø125 mm (internal) / 129 mm (external)
 - Nipple-type (for extension): 123 mm (external)
- **Spigot length:**
 - Long-socket: 300 mm
 - Short-socket: 40 mm
 - Nipple: 40 mm
- **Installation:** Floor-mounted version / ceiling-mounted version

Dimensions:

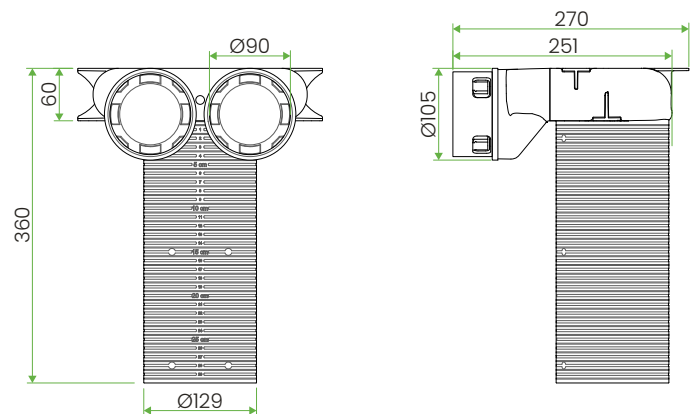
Long-socket variant
for direct installation of a Ø125 air diffuser



floor-mounted version

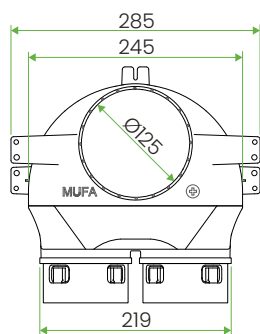


ceiling-mounted version

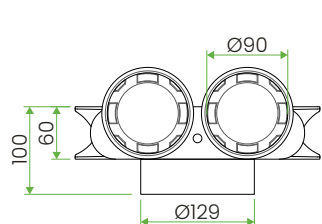


Short-socket variant

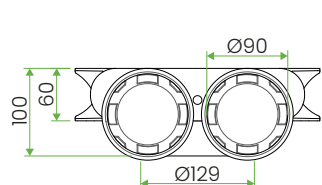
for direct installation of a Ø125 air diffuser



floor-mounted version

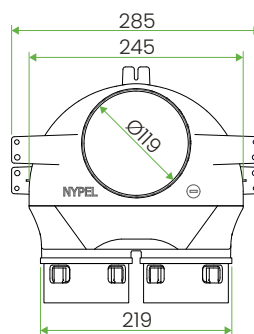


ceiling-mounted version

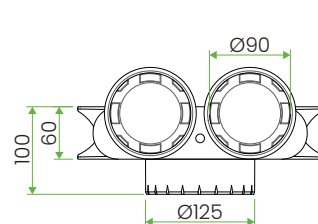


Nipple variant

for extension



floor-mounted version



ceiling-mounted version

