

Description:

The PEFLEX PP 5x50 plenum box is designed to connect five Ø50 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 a universal version 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 Ø50 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 Ø50 mm end caps.

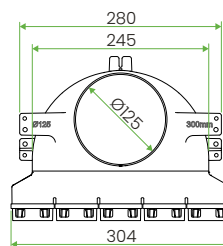
Technical Specifications:

- **Material:** Polypropylene (PP)
- **Number and diameter of connection sockets:** 5 × Ø50 mm
- **Maximum airflow:** 60 m³/h
- **Connection system:** CLIK couplings with integrated gaskets
- **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:** Universal – floor or ceiling mounting

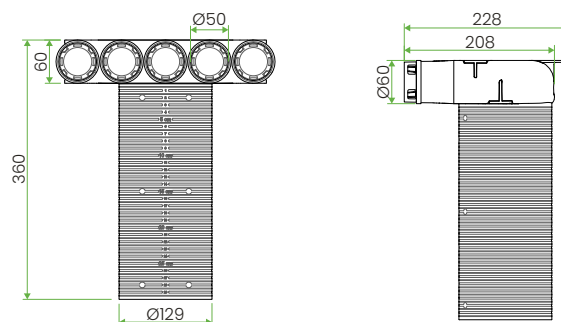
Dimensions:

Long-socket variant

for direct installation of a Ø125 air diffuser

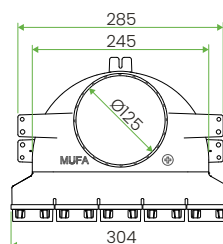


floor-mounted version / ceiling-mounted version

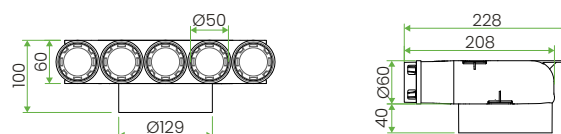


Short-socket variant

for direct installation of a Ø125 air diffuser

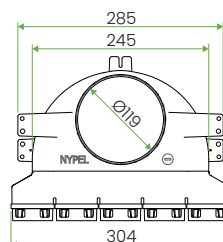


floor-mounted version / ceiling-mounted version



Nipple variant

for extension



floor-mounted version / ceiling-mounted version

