

Connector**11095807****CP T-PIECE 2A ALU - D450/630**

The CP2A aluminium branch connector provides a junction and accessibility to the vertical collector system and horizontal ducting, while improving acoustic and aeraulic performance.

**PRODUCT BENEFITS**

- exclusive CP2A (ALDES patent): ideal for gas CMEV,
- 35% less pressure loss compared to a standard CP,
- improved noise attenuation: 7 dB(A) on noise radiated from the fan (3 dB(A) better than a standard CP connector).

Product description

The aluminium acoustic and aeraulic T-piece branch connector is an aluminium accessory used to join the vertical collector system and horizontal ducting while enabling accessibility to the vertical riser and horizontal ducting as per the requirements of DTU 68.1 and 68.2. It is specifically designed for gas CMEV risers opening out into attics or flat roofs of commercial and multi-occupancy residential buildings, for which the airtight reading is made before the T-piece is installed (• 95% of cases). The CP2A aluminium T-piece acoustic and aeraulic branch connector is fitted with a stop ring on the unit body to hold the plug in a stable position and limit the risk of leaks. The aeraulic properties of the CP2A T-piece branch connector reduce the negative pressure required for the fan and enable the use of less powerful fans, which generate less noise and consume less energy. To reduce system pressure losses, improve the operation of gas boilers and fully attenuate fan noise, use CP2A in priority for system design.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- easy assembly of interlocking accessories: ducts are female, accessories are male,
- Final seal requires sealant and/or perforated strip,
- attached to duct using self-tapping screws (4 to 6 depending on diameter),
- if the air tightness reading is made after the T-piece connector is installed, use a CPT or CPT2A,
- installation requires a flat roof penetration sleeve: FT.

Main characteristics

- range available from diameter 125 to 450.
- performance of CP2A compared to standard CP connector:
 - acoustic: acoustic foam B-s1,d0 offering high attenuation of fan noise (by 7 dB(A), or 3 dB(A) better than a standard CP),
- aeraulic: aluminium sheet deflection offering tool-free removal, reducing pressure losses by 35% or -7 Pa at 4 m/s.
- aluminium 1050A-H18 (formerly A5) compliant with DTU 68.3 for gas CMEV,
- material compliant with requirements of DTU 68.3: 2013-06 P1-1: "Mechanical Ventilation Installations",
- M0 fire certification.

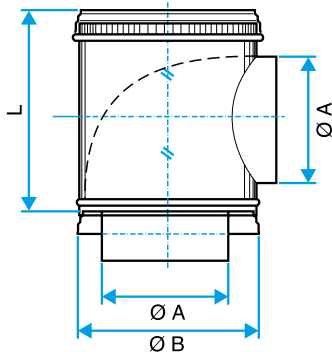
Connector

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Dimensional data

Variants	L (mm)	Ø A (mm)	Ø B (mm)	Weight (kg)
11095807	650	450	630	12,1



Regulatory data

Variants	Fire protection rating
11095807	M0

Installation



Installation du déflecteur acoustique et aéraulique dans le caisson piquage



Installation du déflecteur acoustique et aéraulique dans le caisson piquage