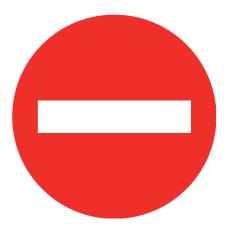


C.03

Synthetic duct and fitting

### **PTDB**

Distribution box ø160mm, ø200 mm Up to 16 connections, ø75mm, ø90 mm



# Pass through distribution box type **PTDB**

The PTDB pass-through distribution box is designed to distribute the air stream between two floors, while by the Ø75 mm or Ø90 mm connections the air flow is distributed on the floor.

#### **Brand**

Cairox

#### **Application**

- The air flow between floors is adjusted by means of air valves;
- In addition, the user can install a damper upstream of the inlet to the distribution box on the upper floor;
- Ducts not in use can be closed with the supplied end caps with gaskets.
- The distribution boxes are equipped with a patented fixing system that enables precise adjustment of the distance between the box and the mounting planes and makes it easy to remove the box if necessary.
- Independently adjustable brackets allow the horizontal installation of the unit, enabling it to be tilted as well.

#### Composition

- Made of durable HDPE (High Density Polyethylene) material;
- The robust structure guarantees failure-free operation;
- High level of bacteriostatic activity, using Nano Silver as additive.

#### **Features and benefits**

- Air tightness of the entire system in the high D class;Multiple ways for installation;

- Flexibility in connections; Bacteriostatic treatment, Nano Silver;
- High airflow;
- Height adjustment;
- Full incorporation in some building elements (under plasterboard, false ceiling, screed).



# Synthetic duct and fitting



**Product drawing 2** 



Product drawing 3



16 outlets

| Dimensions - circular |         |         |         |        |        |        |        |
|-----------------------|---------|---------|---------|--------|--------|--------|--------|
| Articol               | ø1 (mm) | ø2 (mm) | ø3 (mm) | A (mm) | B (mm) | W (mm) | Z (mm) |
| PTDB 160/200-8/75     | 160     | 75      | 200     | 347    | 349    | 104    | 38     |
| PTDB 160/200-12/75    | 160     | 75      | 200     | 347    | 639    | 104    | 38     |
| PTDB 160/200-16/75    | 160     | 75      | 200     | 347    | 927    | 104    | 38     |
| PTDB 160/200-8/90     | 160     | 90      | 200     | 407    | 407    | 104    | 38     |
| PTDB 160/200-12/90    | 160     | 90      | 200     | 407    | 697    | 104    | 38     |
| PTDB 160/200-16/90    | 160     | 90      | 200     | 407    | 988    | 104    | 38     |

#### Remark

PTDB series boxes are designed for installation in a heated area of the building; otherwise, they must be insulated with a layer of mineral wool (min. 15 cm).



Synthetic duct and fitting

## **Mounting instruction**

