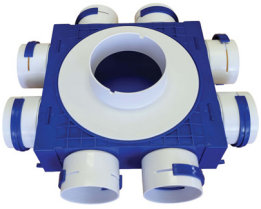
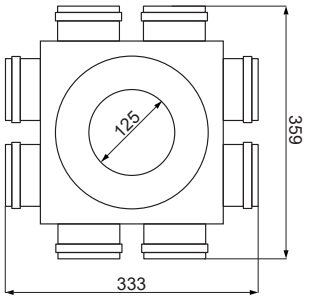
DATA SHEET

Components for Air Distribution in 75 mm diam. ducting

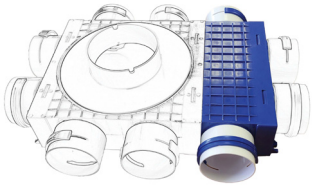
Plastic air distribution box, angled, 8 x 75/125 mm



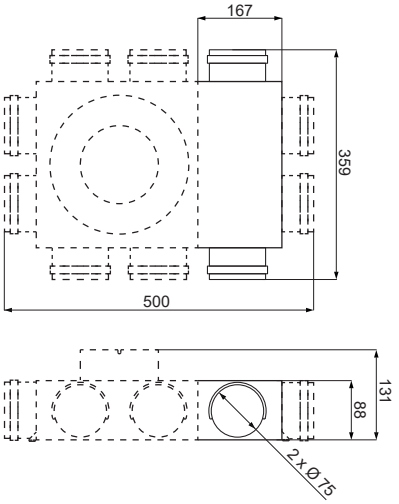
Main Features	
Description	The air distribution box shall be connected to the ducts running from the HRV unit. It then divides the air flow into a larger number of branches with a diameter of 75 mm. The basic version has 8 outlets, unnecessary outlets can be plugged with a blanking plug of which 2 pcs blind plug are included in the package, code 21769. The package also includes 16 pcs of seals, code 21768. The box is provided with a protective coating based on silver microparticles, which ensures antibacterial and antifungal protection.
Materials	ABS
Code	**21758**
Dimensions [mm]	Weight – 1.3 kg



Extension kit 2 x 75 mm for distribution box



Main Features	
Description	The set is designed to expand the air distribution box by 2 outlets. Unnecessary outlets can be plugged with a blanking plug (1 pc. blank plug is included in the package, code 21769). The package also contains 4 pcs. of seals, code 21768. Using the set, the box can be expanded repeatedly, on two sides. The expansion part is provided with a protective coating based on silver microparticles, which ensures antibacterial and antifungal protection.
Materials	ABS
Code	**21759**
Dimensions [mm]	Weight – 0.5 kg

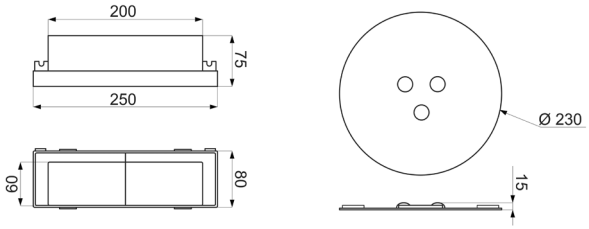


DATA SHEET

Components for Air Distribution in 75 mm diam. ducting

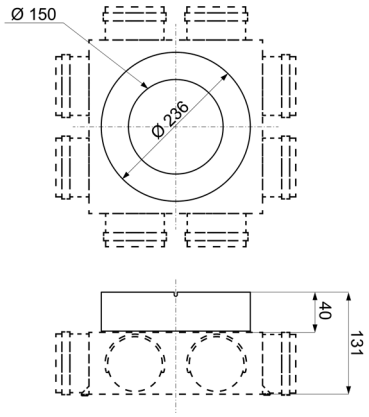
Kit of adapter for transition to flat square ducts and ø 125 mm lid

Main Features	
Description	The kit is designed to connect the air distribution box to a flat square duct. The plug is placed in place of the original 125 mm diameter socket.
Materials	PETG
Code	**21762**
Dimensions [mm]	Weight – 0.3 kg



Spigot ø 150 for air box

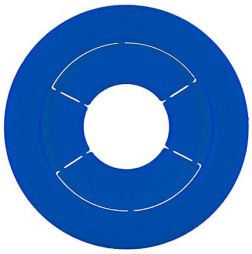
Main Features	
Description	Spigot for connecting 150 mm ducting to an air distribution box.
Materials	PETG
Code	**21975**
Dimensions [mm]	Weight – 0.2 kg



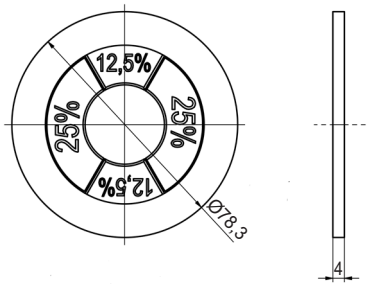
DATA SHEET

Components for Air Distribution in 75 mm diam. ducting

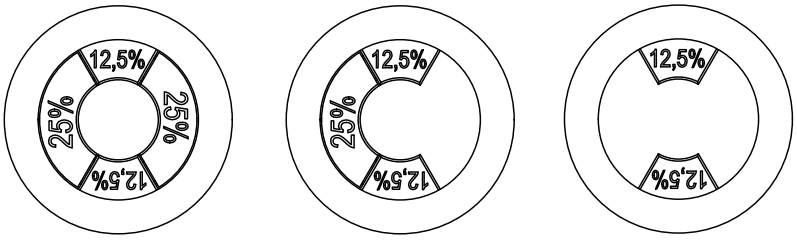
Restrictor ring for air distribution box



Main Features	
Description	Adjustable restrictor ring – by breaking out a different number of segments, you can easily adjust the air flow between individual duct outlets at the air distribution box.
Materials	PETG
Code	**22085**
Dimensions [mm]	Weight – 0.1 kg



Adjustment options



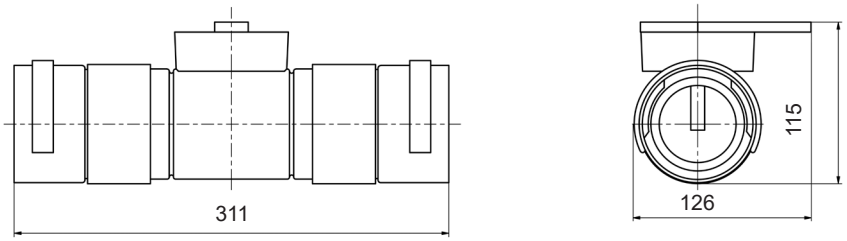
I. 75% restriction (no segment removed)

II. 50% restriction (one 25% segment removed)

III. 25% restriction (two 25% segments removed)

Damper

Main Features	
Description	The adjustment range of the damper, which regulates the air flow, is 90°. To achieve class C tightness, it is necessary to use a seal, code 21768.
Materials	Galvanized steel, PTEG, ABS, NBR.
Code	**16730**
Dimensions [mm]	Weight – 0.3 kg

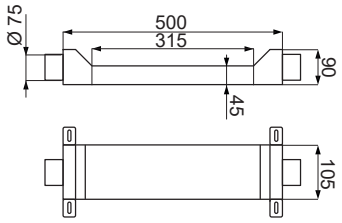


DATA SHEET

Components for Air Distribution in 75 mm diam. ducting

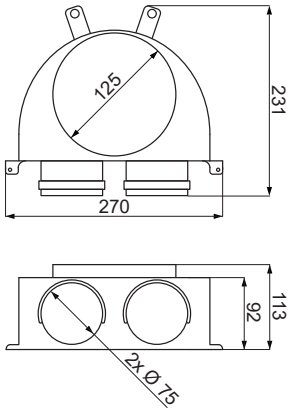
Adapter for crossing of up to 3 duct branches, 75 mm diam.

Main Features	
Materials	Galvanized steel
Code	**21763**
Dimensions [mm]	Weight – 0.8 kg



Ceiling outlet w. twin ducts

Main Features	
Description	The outlet is used to connect a 125 mm air disc valve to a 75 mm flexible duct. The outlet has two duct outlets, one of which can be terminated with a blanking plug. 1 pc of blanking plug is included in supply. The package also includes 4 pcs of seals, code 21768. The outlet is treated with a protective coating based on silver microparticles, which ensures antibacterial and antifungal protection.
Materials	ABS
Code	**21757**
Dimensions [mm]	Weight – 0.5 kg

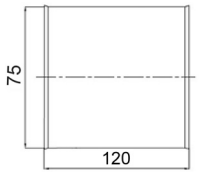


DATA SHEET

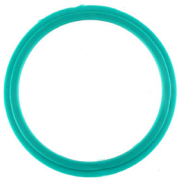
Components for Air Distribution in 75 mm diam. ducting

Coupler for flexible ducts

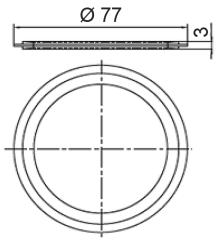
Main Features	
Materials	ABS
Code	**22087**
Dimensions [mm]	Weight – 40 g



Seal for flexible ducts

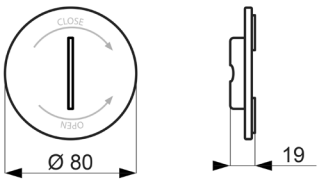


Main Features	
Materials	EPDM
Code	**21768**
Dimensions [mm]	Weight – 3 g



Plug for air distribution box

Main Features	
Materials	ABS
Code	**21769**
Dimensions [mm]	Weight – 20 g

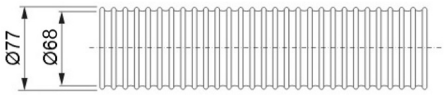


DATA SHEET

Components for Air Distribution in 75 mm diam. ducting

Antibacterial flexible air duct

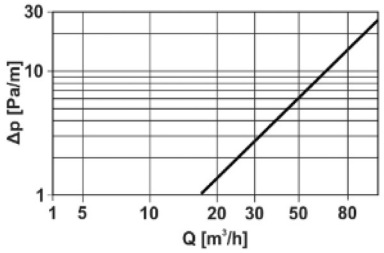
Main Features	
Description	Air ducts of high mechanical resistance, intended for air distribution. The material the duct is made from contains silver ions, which provides antistatic, antibacterial and anti-mold protection. Its inner wall with a smooth surface ensures low pressure drop.
Materials	PE
Installation	Under the ceiling, in the suspended ceiling or in the concrete screed. Minimum bend radius 75 mm.
Codes	**21773** (50 m long duct) **21984** (10 m long duct)
Dimensions [mm]	Weight 1 m – 265 g



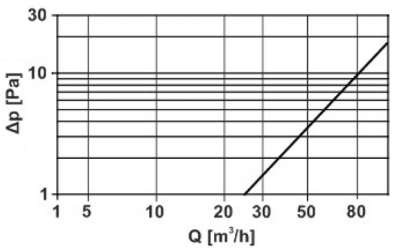
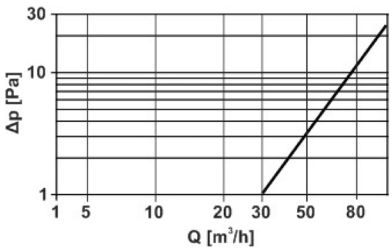
Technical parameters	
Duct length	10 or 50 m depending on the selected variant
Outside wall color	beige
Installation temperature	–5 to 50 °C
Operating temperature	–20 to 70 °C
Reaction to fire	Class E
Connection tightness	When using a system with flexible ducts, standard class B tightness is guaranteed for all connections (without additional sealing); to achieve class C tightness, it is necessary to use seal, code 21768.

Pressure drop diagrams

STRAIGHT DUCT SECTION



45° DUCT BEND (length 0.5 m)



90° DUCT BEND (length 0.5 m)