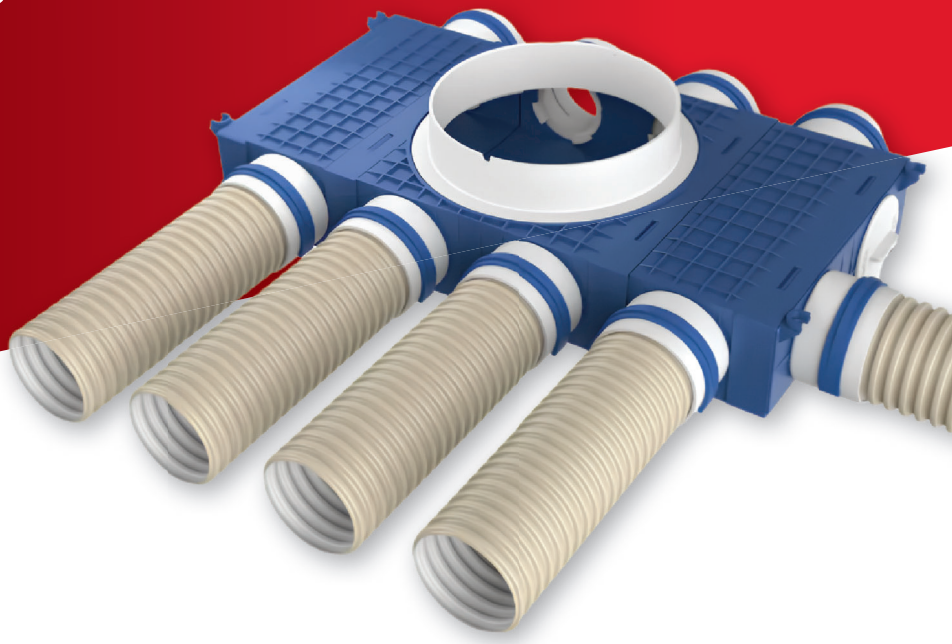
Regulus

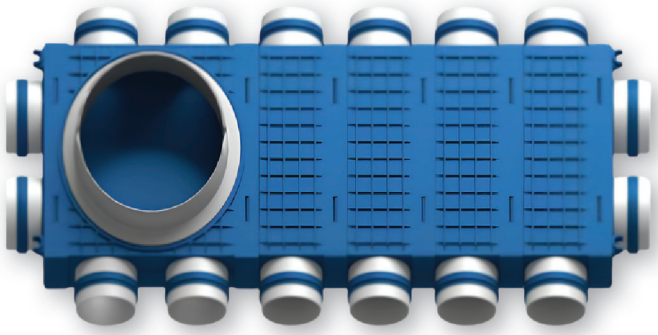
# AIR DISTRIBUTION BOXES

## for HRV ducts ø 75 mm



### System advantages:

- hygienic protection
- high flexibility
- easy installation
- low pressure drop



# Air Distribution Components

## Flexible ducts

Antibacterial PE ducting ø 75 mm is intended for the construction of controlled ventilation systems with heat recovery.

The ducting is made of high-quality polyethylene with **an antistatic, antibacterial and antifungal inner layer**, which contains a microsilver additive. The pipe has a hygienic certificate.

Thanks to **the increased inner diameter** (68 mm), it allows a quiet flow rate of up to 40 m³/h.

The outer layer has **high strength and mechanical resistance**.

**CODE:** 21773 (50 m)
21984 (10 m)

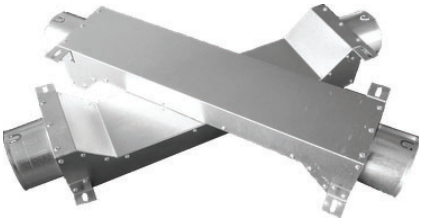
## Ceiling outlet w. twin ducts

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 is included in supply).

**CODE:** 21757

**VIDEO INSTRUCTIONS**

## Adapter for crossing



The adapter made of zinc-plated steel allows the crossing of up to 3 duct branches of 75 mm.

**CODE:** 21763

# Air distribution boxes for PE ducting

## Air distribution box

The basic box is intended for interconnecting up to 8 duct branches ø 75mm with main air duct ø 125mm.

**Protective coating** based on silver microparticles, which protects against the formation of mold and bacteria.

The basic version has 8 outlets, unused outlets can be terminated with a blanking plug (2 pcs are included in supply).

The basic box can be **flexibly expanded** using expansion kits.

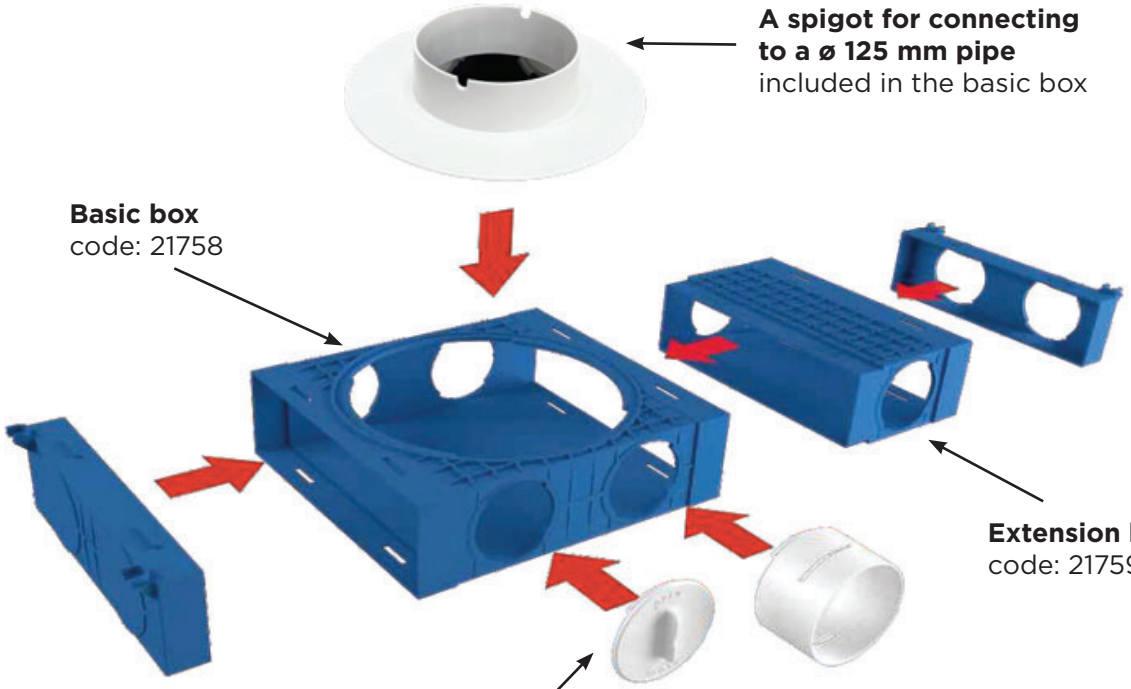
**CODE:** 21758

## Extension kit

The set is designed to extend the air distribution box by 2 outlets. Using the set, the box can be extended repeatedly, on two sides. Unused outlets can be terminated with a blanking plug (1 is included in supply).

**CODE:** 21759

**ASSEMBLY EXAMPLE**




VIDEO INSTRUCTIONS

# Accessories to air distribution boxes

## Kit for transition to flat square ducts

The kit is designed to connect the air distribution box to a flat square duct. The plug replaces the original 125 mm diameter spigot.

**CODE:** 21762

## Spigot ø 150 mm

It is used to connect the distribution box to a ø 150 mm duct. It is placed instead of the original ø 125 mm spigot, which is included in the basic box supply.

**CODE:** 21975

## Blinding plug ø 75 mm

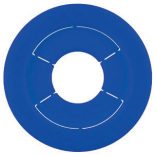
Intended for termination of unused outlets from an air distribution box.

**CODE:** 21769

## Restrictor ring

Breaking out a different number of segments enables an easy adjustment of the air flow between individual duct outlets at the air distribution box.

**CODE:** 22085



## Damper

The adjustment range of the damper, which regulates the air flow, is 90°.

**CODE:** 16730

# System advantages

**Hygienic protection**
The antistatic, anti-fungal and antibacterial properties of the inner coating ensure the required cleanliness of the ventilation system.

**High flexibility**
The basic box can be extended as desired using extension kits and can be connected to various types of ducts.

**Easy assembly**
Simple assembly and low weight of components allow for quick duct installation on site.

**Low pressure drop**
The minimum number of connections and shaped parts together with the smooth inner wall of the hose guarantee minimal pressure drop in the ducting.

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