CANTO

Installation – Maintenance

2025-09-26

General

Check the product's mechanical functions before and after installation. Damaged or defective products must not be installed. Report defects immediately to the nearest Swegon office.

See also additional documentation

- CANTO Product sheet
- VDI certificat

Installation

For the splitters to function optimally, correct installation is required. Otherwise, their technical performance - such as pressure drop, insertion loss, and self-generated noise - can be significantly affected.

If the splitters are placed near bends or other aerodynamically unfavorable duct components, the pressure drop and self-generated noise will likely be higher than the catalog values specified.

IMPORTANT! The inlet side is where the splitters are rounded. Install the splitters in the correct direction of airflow according to the product labeling!

Installation with CANTO T1

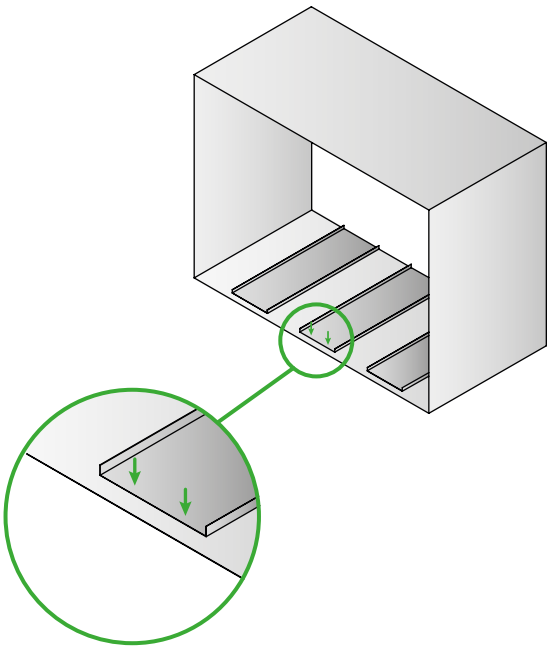

Figure 1. Mount the fastening rails to the duct using screws or pop rivets.

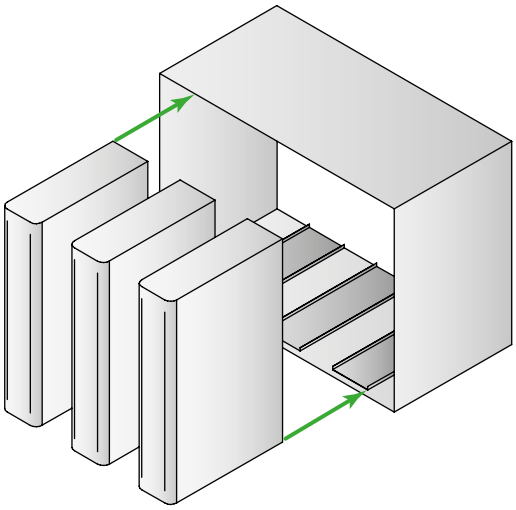

Figure 2. Slide the splitters into the mounting rails with the rounded side facing the inlet.

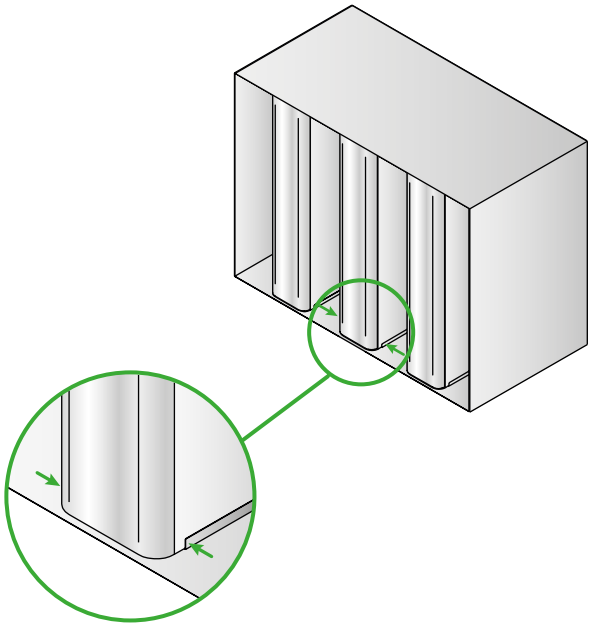

Figure 3. Secure the splitters to the mounting rails with sheet metal screws or pop rivets.

Installation without CANTO T1

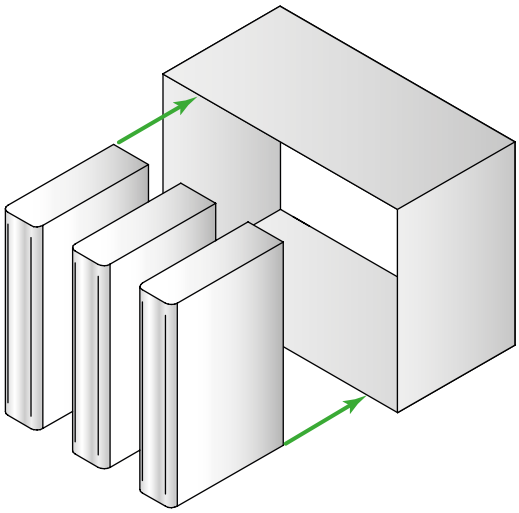

Figure 4. Slide the splitters into the duct with the rounded side facing the inlet.

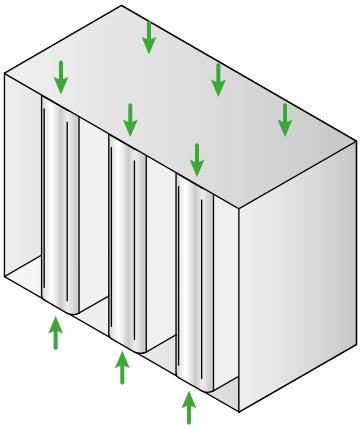

Figure 5. Mount the splitters to the duct with sheet metal screws or pop rivets.

Dimensions

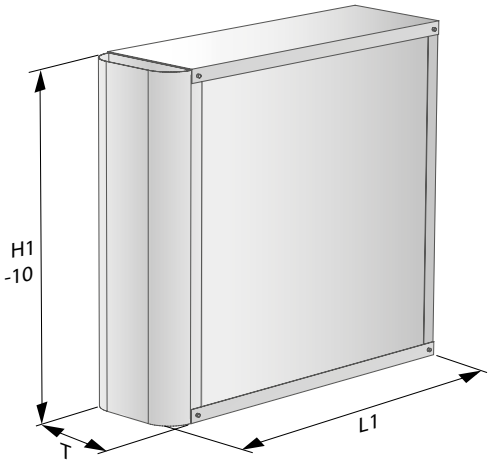

Figure 6. Dimensional drawing, CANTO splitter

Splitter dimensionsl

Height * H1 (mm)	Length L1 (mm)	Thickness T (mm)
From 300 to 4800 in step of 100	650, 1250, 1850, 2450	100, 150, 200, 250, 300, 350, 400

** For larger heights, the splitter is delivered in split sections.*

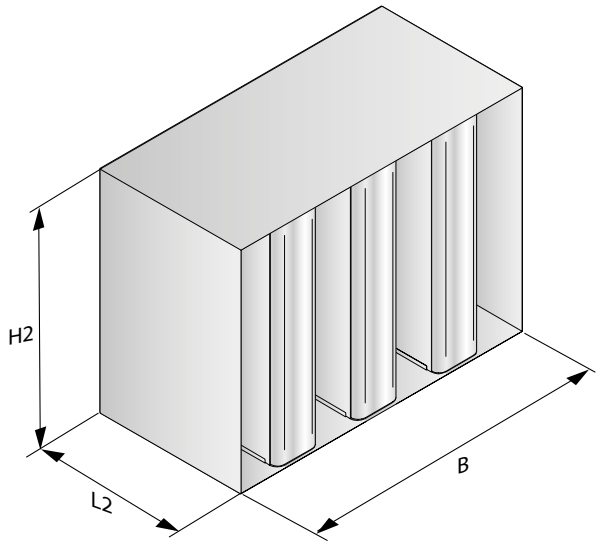

Figure 7. Dimensional drawing, CANTO splitter set

Dimensions, CANTO splitter set

Height H2 (mm)	Length L2 (mm)	Width B (mm)
From 300 to 4800 in step of 100	650, 1250, 1850, 2450	200 -

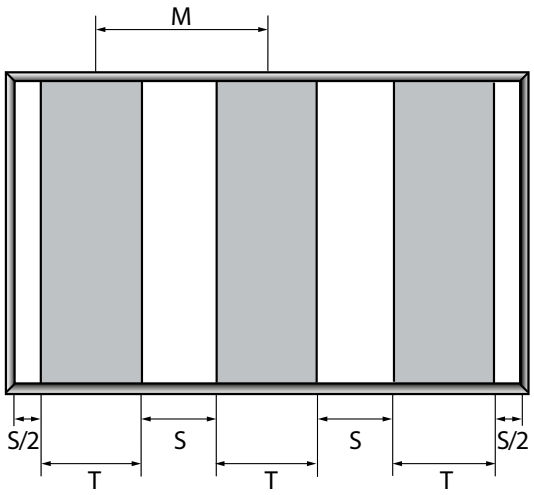

Figure 8. Dimensional sketch of CANTO splitter set and arrangement of multiple splitters

Arrangement of multiple splitters

Air gap S (mm)	Splitter thickness T (mm)	Module size * M (mm)
100, 150, 200, 250, 300	100, 150, 200, 250, 300, 350, 400	200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700
** The module size must be evenly divisible by the duct width (B), see Figure 7.*		

Weight of the splitter

Thickness	Weight (kg/m²)
100	9
150	12
200	14
250	17
300	19
350	22
400	24

Commissioning

The splitter is not adjusted

Inspection

For checking the pressure drop across the splitters, refer to the product sheet available online.

Product labeling is included separately and must be applied to two opposite sides of the silencer

Maintenance

The splitter's insulating material, ISOVER Cleantec® PLUS, is an type approved material consisting of long-fiber compressed mineral wool protected by a special perforated aluminum foil. ISOVER Cleantec® PLUS is type-approved with regard to cleaning, fiber shedding, durability, emissions, etc., according to type approval 2706/92.

To maintain the type approval, the insulating material may only be cleaned with dry methods, such as rotating nylon brushes (steel brushes must not be used), vacuuming, or wiping with a dry cloth.

The board may also be cleaned using wet methods: manual washing with a sponge or cloth.

Sheet metal surfaces can be cleaned with water and detergent.

Tears and holes in ISOVER Cleantec® PLUS can be repaired with aluminum tape.