

# Steel non-return air damper

# DSQOW



## Description

The multi-blade self-closing non-return damper with aluminium blades is designed for air pressure control in the ventilation system. The special blade design allows automatic air flow exhaust under pressure. This prevents overpressurizing the ductwork. The housing is made from galvanized or stainless steel angles. The blades are made of aluminium sections. The air damper comprises a housing made of 4 angles identical to those used in the fabrication of the DSQW air dampers. All blades are provided with sealing gaskets.

The DSQOW air damper features moving aluminium blades, each 80 mm high. The blade height is the same for all product sizes. The blade bearings are fitted inside the upright sections. The versions with vertical partitions are available when:  
 $A \geq 500$  mm according to the following requirements:  
 for  $500 \text{ mm} < A \leq 1000$  mm, a single partition is installed;  
 $A > 1000$  mm features more than one partition.

**Material:** galvanized or stainless steel sheet with aluminium blades

**Operating temperature range:**  $-20^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

Minimum size: 200x200 mm.

Maximum size: 2000x2000mm.

**Available materials - Product code examples**

DSQOW-...-... - galvanized steel sheet housing with aluminium sheet blades

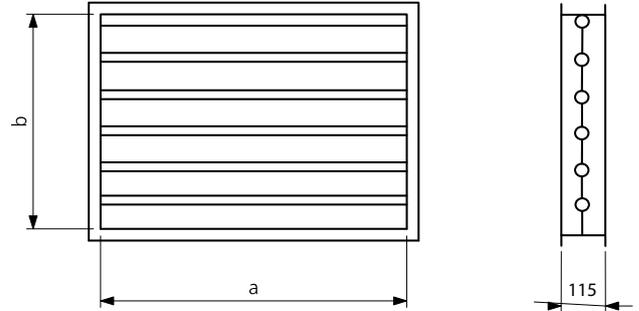
DSQOW-K-...-... - 1.4301/304 stainless steel sheet housing with aluminium sheet blades

**Product code example**

Product code: **DSQOW - 600 - 300**

type \_\_\_\_\_  
 a \_\_\_\_\_  
 b \_\_\_\_\_

## Dimensions



A [mm]	B [mm]
200-2000	200-2000

Graph of pressure drops from air flow

