

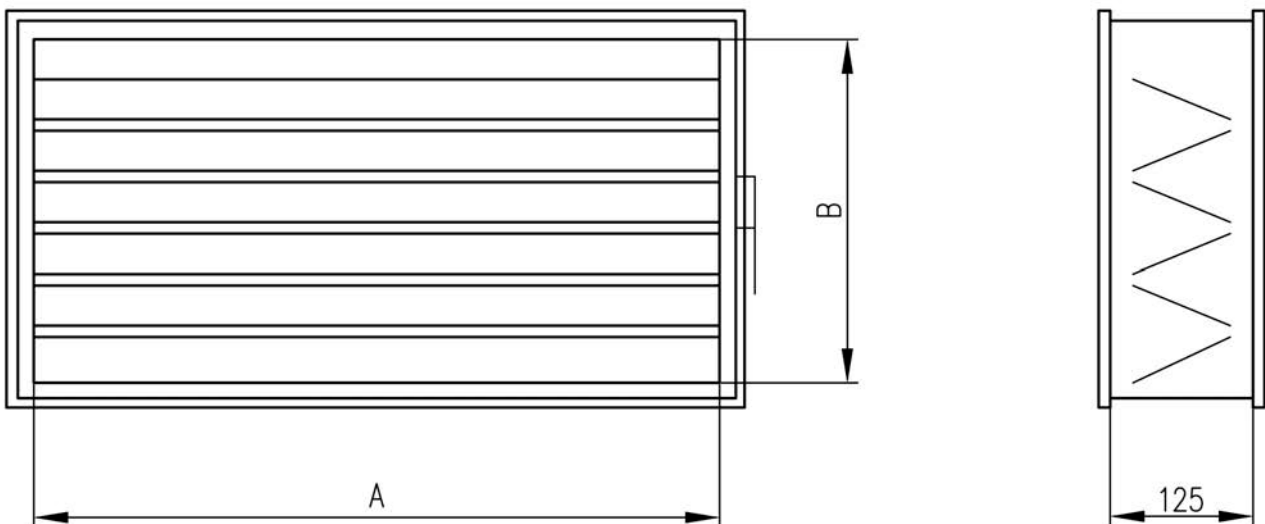
DESCRIPTION

The DSQW multi-blade damper is used to control or shut off the air flow in ventilation ducts. It can be built into an air conditioning station or mounted on the wall. Damper's temperature range is from -20°C to 80°C. The damper consists of aluminum blades and a housing accommodating four galvanized steel profiles closed with PQ mounting frames. The blade height is identical for each damper size. This damper can be operated manually, driven by an external servomotor installation. If dimension B lies within 1000-2000 and $A \geq 1000$, two manual control mechanism are provided. Dampers are split when $A \geq 1400$. Damper adjustments are carried out using gears driven manually or by servomotor. The drive mechanism is placed outside the damper. The blade rotation mechanism consists of a short axle, a long axle and gears mounted on bearings. The gears are located outside the damper.

The PQ profile is made of galvanized steel sheet and used for joining rectangular ducts. It is mounted directly on the bare end of the duct and the fitting. Depending on the dimensions and pressure of ducts, three profile sizes are available. The profile can be made of acid-proof material or aluminum.

TECHNICAL SPECIFICATION & DIMENSIONS

Pressure [Pa]	Dimension of profile A or B [mm]				
	<500	500-1000	1000-1600	1600-2500	2500
200	PQ20	PQ20	PQ30	PQ30	PQ40
400	PQ20	PQ20	PQ30	PQ30	PQ40
600	PQ20	PQ20	PQ30	PQ30	PQ40
800	PQ20	PQ20	PQ30	PQ30	PQ40
1000	PQ20	PQ20	PQ30	PQ30	PQ40
1200	PQ20	PQ30	PQ30	PQ40	PQ40
1500	PQ20	PQ30	PQ30	PQ40	PQ40



**PQ profile**

Type	Dimensions [mm]			Weight [Kg/mb]
	H	L	G	
PQ20	25	20	0.7	0.55
PQ30	25	30	0.8	0.71
PQ40	30	40	0.9	1.11

