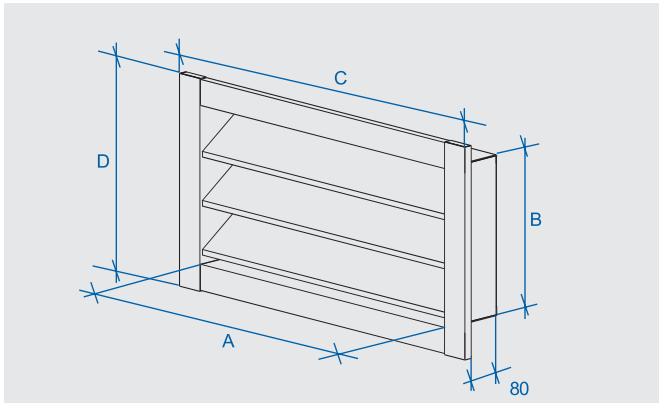


PZ Louvers



	A	B	C	D	m ±10%	graph
	(mm)	(mm)	(mm)	(mm)	(kg)	(curve no)
PZ 30-15	285	135	345	195	2	4
PZ 40-20	385	185	445	245	2	3
PZ 50-25	485	235	545	295	3	2
PZ 50-30	485	285	545	345	4	2
PZ 60-30	585	285	645	345	5	2
PZ 60-35	585	335	645	395	5	1
PZ 70-40	685	385	745	445	6	1
PZ 80-50	785	485	845	545	8	1
PZ 90-50	885	485	945	545	10	1
PZ 100-50	985	485	1045	545	12	1

Application

PZ louvers are intended for covering square inlets or outlets. The louvers prevent penetration of rainwater and small animals into air-handling ducting.

Operating Conditions and Position

PZ louvers are designed for outdoor use. The range of operating temperatures can be from -40 °C to +80 °C. The louver must be installed vertically on the façade, on the exhaust or intake of the air-handling duct. Transported air must be free of solid, fibrous, sticky, or aggressive impurities. Maximum air flow speed can be 6 m/s. Correlation of pressure loss related to the air flow rate is shown in the graph "PZ pressure loss".

Dimensional and Type Range

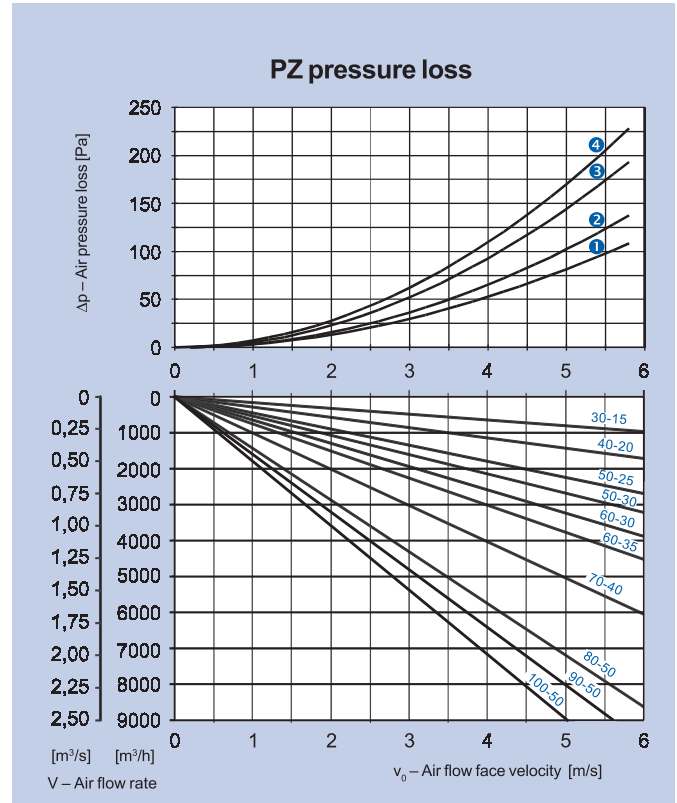
The louvers are manufactured in ten Vento dimensional ranges, from 30-15 to 100-50.

Materials

The louvers are made of galvanized steel sheets (Zn 275 g/m²). Aerodynamically shaped vanes are firmly fixed with their sides to the louver's profile frame. The vanes are specially shaped to ensure high rigidity and rate of water separation at low pressure loss. A galvanized protective screen with a 10x10 mm mesh is situated behind the vanes, to protect the duct against small animals and birds. As standard, the louvers are finished in grey baking enamel, RAL 7040 colour shade. On customer request, the louvers can also be made of stainless steel, copper or aluminium.

Installation

The standard version of the PZ louver must be installed with the longer side (vanes) in the horizontal position, and it can be fixed with wood or self-tapping screws to an ancillary wooden or steel frame, respectively riveted to the air-handling duct wall. Holes for fixing elements (wood or self-tapping screws, rivets) must be drilled into the louver side (see the figure "PZ louver installation").



Example of designation

PZ 60 - 30

