

BACKDRAUGHT DAMPER

AT

Backdraught damper type **AT** is designed to withstand pressure up to 1000 Pa for blade length of 1000 mm.
 Longer dampers are manufactured with addition of an intermediate vertical stiffener or in using several dampers side by side..
 This product has been designed especially for the exhaust of axial fans.



CONSTRUCTION

		Characteristics	Options
Operating		Damper in vertical position (with horizontal air flow)	
Frame	Depth	125 mm	-
	Thickness	1.5 mm	
	Material	Galvanized steel	Stainless steel or painted galvanized steel
	Screws material	Zinc-coated steel	Stainless steel
	Flange	35 mm drilled in each corner	Drilled flange to a pitch of 165 mm
	Flange depth	125 mm	-
	Shaft	Zinc-coated steel Ø 10 mm	Stainless steel
	Bearings	Bronze ring	-
Blades	Material	Galvanized steel	Stainless steel or painted galvanized steel
	Thickness	1 mm	-
	Bearings	Bronze ring in the frame	Stainless steel
	Pitch	100 mm	-

PERFORMANCES

	AT backdraught damper
Upstream/downstream airtightness at 20°C	Not classified
Frame's airtightness	
Differential pressure	Max 1000 Pa for a blade length of 1000 mm
Operating temperature	from -20°C to +80°C (mounting in a tunnel behind a fire damper)
Air velocity	15 m/s maxi

BACKDRAUGHT DAMPER

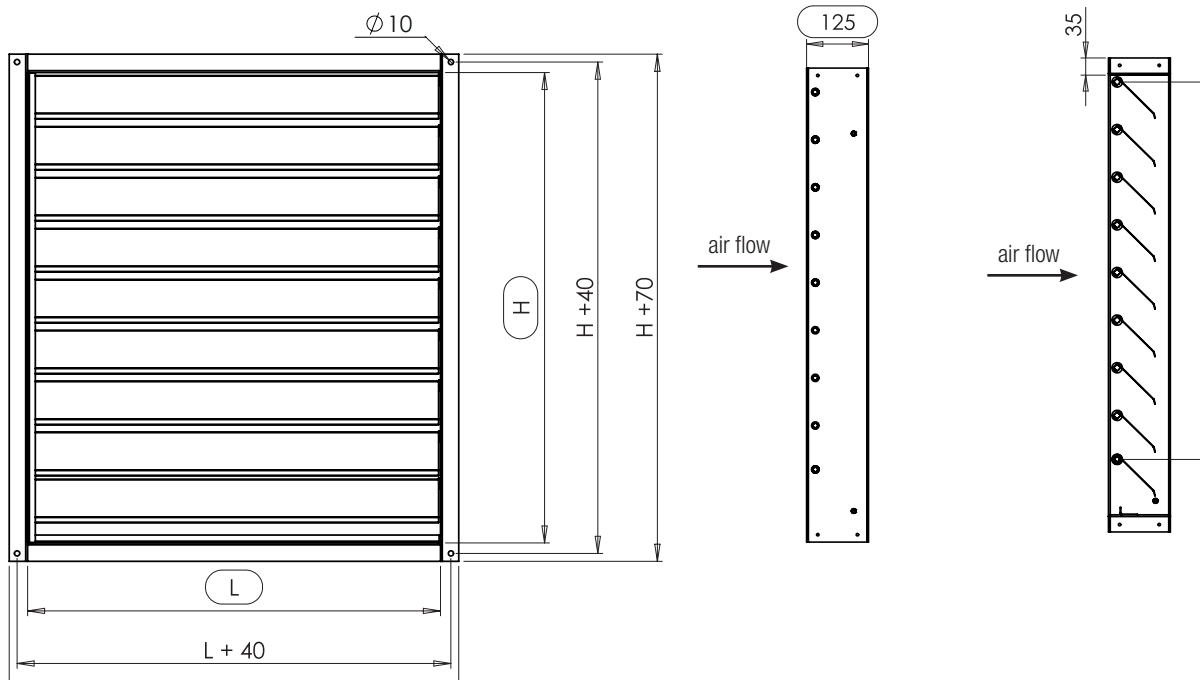
AT

DIMENSIONS

Height H from 200 mm to 1200 mm with a pitch of 100 mm

Length L from 200 mm to 1000 mm with a pitch of 100 mm

Longer dampers are manufactured with an intermediate vertical reinforcement or with several damper side by side.



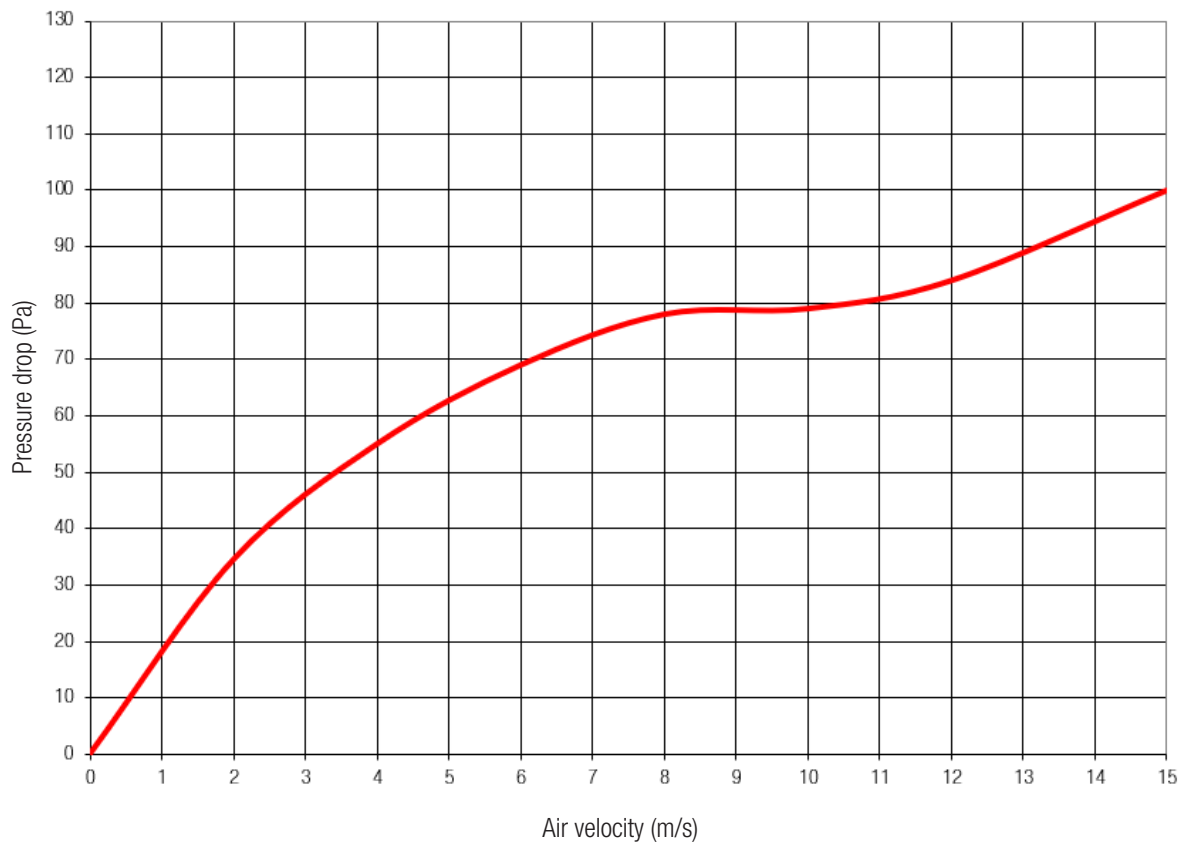
WEIGHTS (kg)

H \ L	100	200	300	400	500	600	700	800	900	1000
200	3	4	4	5	6	6	7	7	8	9
300	4	5	5	6	7	7	8	9	9	10
400	5	5	6	7	8	8	9	10	10	11
500	6	6	7	8	9	9	10	11	12	12
600	6	7	8	9	10	10	11	12	13	13
700	7	8	9	10	11	11	12	13	14	15
800	8	9	10	11	12	12	13	14	15	16
900	9	10	11	12	13	14	14	15	16	17
1000	10	11	12	13	14	15	16	16	17	18
1100	11	12	13	14	15	16	17	18	19	20
1200	12	13	14	15	16	17	18	19	20	21

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PRESSURE DROP



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