

thermal comfort all flow ventilation
energy efficiency modern design
temperature heating
intelligent climate control
air-conditioning
high purity



We strongly believe that Supreme Comfort is given even by a pure style of living.
At AERA, we proudly provide **HVAC PRODUCTS** especially designed for an ultimate experience.

Tactile. Visual. Olfactory.

MLD200Z

- multileaf damper in galvanized steel with distance between blades 200 mm



Air Distribution Systems

PRODUCTS CATALOGUE



MLD200Z

The multileaf dampers MLD200Z are suitable for controlling and adjusting of the air flow in air conditioning and ventilation ducts.

CONSTRUCTION

- Frame in galvanized steel;
- Aerofoil blades in galvanized steel;
- Distance between blades 200 mm;
- External movement drive in galvanized steel;
- Bearings in nylon (bronze on request);
- Axes $\varnothing 12$ mm in galvanized steel;
- Lateral seal in flexible aluminium;
- Longitudinal seal into blades profile in special rubber;
- Pressure loss tested in accordance to ISO 7244;
- Acoustic data tested in accordance to UNI EN 25135.

FINISHING

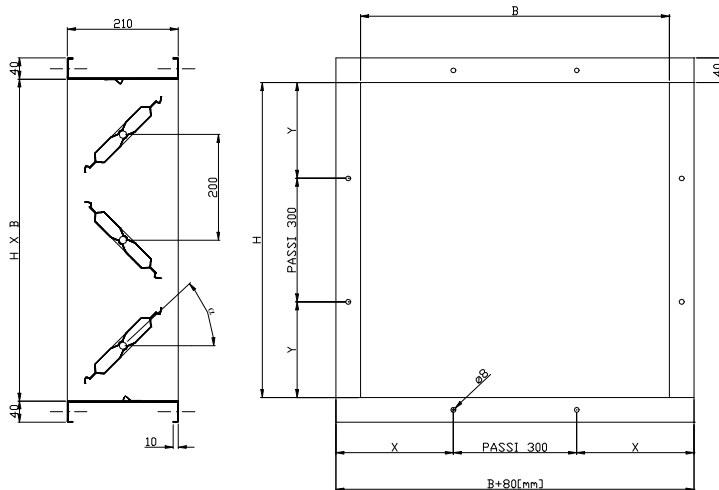
- Galvanized steel
- Execution in Inox possible – MLD200-X



ACCESSORIES

- Manual drive R11 up to 1,2 m² of surface;
- Manual drive R12 over 1,2 m² of surface;
- Front drive R13;
- Electric motor;
- Pneumatic motor double effect;
- Flanges with holes on request (see drawing);
- Bearings in bronze.

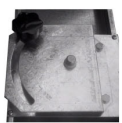
MLD200Z dimensional drawing:



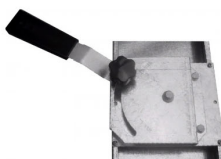
B	N°Hole ø8	X
200	1	140
300	1	190
400	2	90
500	2	140
600	2	190
700	3	90
800	3	140
900	3	190
1000	4	90
1100	4	140
1200	4	190
1300	5	90
1400	5	140
1500	5	190
1600	6	90
1700	6	140
1800	6	190
1900	7	90
2000	7	140

H	N°Hole ø8	Y
210	0	0
410	1	205
610	1	305
810	2	255
1010	3	205
1210	3	305
1410	4	255
1610	5	205
1810	5	305
2010	6	255
2210	7	205
2410	7	305
2610	8	255
2810	9	205
3010	9	305

ACCESSORIES



R11 - Manual handling



R12 - Manual handling



R13 - Manual handling

TECHNICAL DATA FOR MLD200Z DAMPERS

MLD200Z	PRESSURE DROP AND NOISE LEVEL					
	a 0°		a 30°		a 60°	
V (m/s)	Dpt Pa	LwA dB(A)	Dpt Pa	LwA dB(A)	Dpt Pa	LwA dB(A)
1	<5	<20	6	32	130	49
2	<5	23	23	49	520	69
3	<5	34	52	58	1185	76
4	<5	42	94	66	1350	83
5	<5	48	145	71	>1500*	87
6	<5	53	215	75	>1500*	92
7	7	57	290	79	>1500*	95
8	9	61	380	83	>1500*	98
9	11	64	480	86	>1500*	>100
10	13	68	580	88	>1500*	>100
11	16	71	700	91	>1500*	>100
12	19	73	830	93	>1500*	>100
13	22	75	975	95	>1500*	>100
14	25	77	1130	97	>1500*	>100
15	27	79	1300	99	>1500*	>100

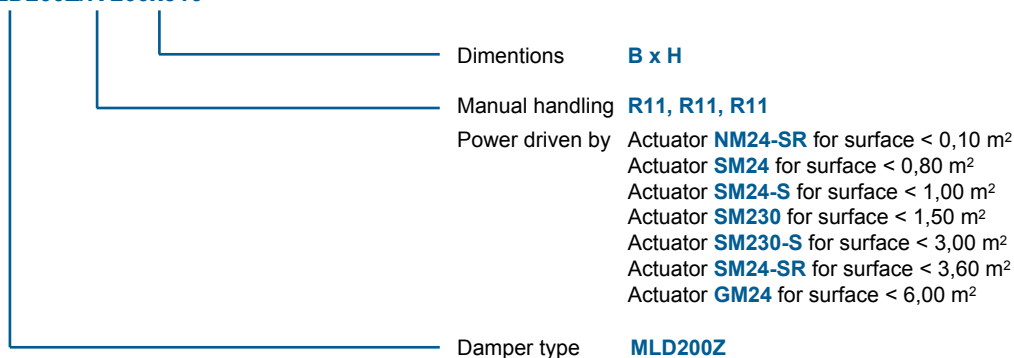
DIMENSION

- Nominal “B” from 200 to 2000 [mm] each increment 100 [mm];
- Nominal “H” from 310 to 3010 [mm] each increment 200 [mm];
- Out-standard dimension available upon request

If you want to place an order, please send us the product code.
Use the following formula to generate the correct code.

Ordering key

MLD200Z/R 200x310





Air Distribution Systems
Heating and Cooling Systems
Fire Protection Components
Clean Room Components

Fan Units

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our solutions will fit your unique and custom needs!
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