

MZL-KV – multi-analysis in circular pipe



Technical parameters

Version

Multi-nozzle with adjustable micro-nozzles for mounting on circular pipes.

Construction

The multidysis is made of steel plate, the frame is made of aluminium, the micro-diesels are white nylon. The multidysis is coated with white baked-on paint (RAL 9016).

Mounting

with screws or on request with mounting springs.

Accessories

Control damper R1 made of galvanized steel with counter-rotating control leaves.

Type key for ordering

multidysis

MZL - KV - x 700 x 200 RAL9016
1 2 3

1 – no indication = standard (screws)

1 = springs

2 – dimensions (W x H) (mm)

3 – colour – standard RAL 9016, others on request

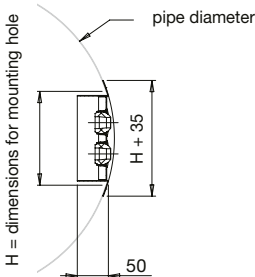
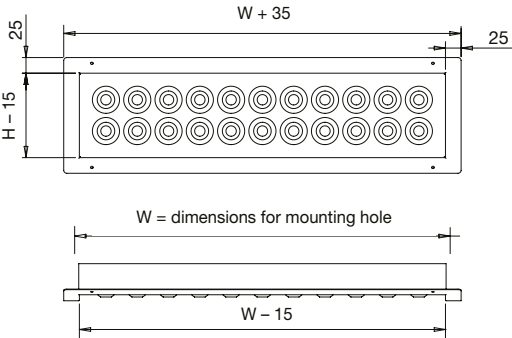
regulation

R1 600 x 300
1

1 – dimensions (W x H) (mm)

WxH [mm]	Ø [mm]	počet mikrodýz	MZL-KV	R1
200x100	200-400	3	•	•
275x100		5	•	•
350x100		7	•	•
425x100		9	•	•
500x100		11	•	•
700x100		13	•	•
800x100		15	•	•
1000x100	300-600	19	•	•
1200x100		23	•	•
275x150		10	•	•
350x150		14	•	•
425x150		18	•	•
500x150		22	•	•
700x150		26	•	•
800x150	400-1000	30	•	•
1000x150		38	•	•
1200x150		46	•	•
275x200		15	•	•
350x200		21	•	•
425x200		27	•	•
500x200		33	•	•
700x200		39	•	•
800x200		45	•	•
1000x200		57	•	•
1200x200		69	•	•

Dimensions



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Type	Q [m³/h]		L _{WA} [dB(A)]		X _(0,25) – Y _(0,25) [m]		Δp, [Pa]	
	min	max	min	max	min	max	min	max
200×100	5	50	21	29	1,7	6,7	5	55
275×100	10	80	21	29	1,7	6,7	5	55
350×100	15	120	21	29	1,7	6,7	5	55
425×100	20	150	21	29	1,7	6,7	5	55
500×100	25	190	21	29	1,7	6,7	5	55
700×100	25	220	21	29	1,7	6,7	5	55
800×100	30	250	21	29	1,7	6,7	5	55
1000×100	40	320	21	29	1,7	6,7	5	55
1200×100	45	390	21	29	1,7	6,7	5	55
275×150	20	170	23	32	1,9	6,9	5	55
350×150	30	240	23	32	1,9	6,9	5	55
425×150	35	300	23	32	1,9	6,9	5	55
500×150	45	375	23	32	1,9	6,9	5	55
700×150	50	440	23	32	1,9	6,9	5	55
800×150	60	510	23	32	1,9	6,9	5	55
1000×150	75	645	23	32	1,9	6,9	5	55
1200×150	90	780	23	32	1,9	6,9	5	55
275×200	30	255	25	34	2,1	7,3	5	55
350×200	40	360	25	34	2,1	7,3	5	55
425×200	55	460	25	34	2,1	7,3	5	55
500×200	65	560	25	34	2,1	7,3	5	55
700×200	80	660	25	34	2,1	7,3	5	55
800×200	90	765	25	34	2,1	7,3	5	55
1000×200	115	960	25	34	2,1	7,3	5	55
1200×200	140	1170	25	34	2,1	7,3	5	55

The air flow parameters are under isothermal conditions. Airflow at the centre of the neutral axis of the nozzle.

Explanatory notes: Q [m³/h] – air flow; Δp, [Pa] – total pressure drop; L_{WA} [dB(A)] – acoustic performance;

X_(0,25) – Y_(0,25) [m] – air flow range for obtaining a comfortable air velocity in the residence zone under isothermal conditions of 0.25 m/s