



RZ

## REGULACIJSKA ŽALUZIJA VOLUME CONTROL LOUVRE

### OPIS:

Regulacijske žaluzije se uporabljajo za regulacijo pretoka zraka in tlaka v prezračevalnih kanalih in napravah. V prezračevalni sistem so nameščene samostojno ali v kombinaciji z zaščitnimi reškami ali nihalnimi žaluzijami.

#### KONSTRUKCIJA:

- nosilni okvir
- horizontalne lamele, ki se premikajo s pomočjo PVC mehanizma
- ročna ali elektromotorna nastavitvev lamel

**MATERIAL:** pocinkana pločevina, aluminijasta pločevina ali nerjaveča pločevina

**MONTAŽA:** vgradnja s prirobnico na kanal

### DESCRIPTION:

The volume control louver is used in air conditioning systems for air flow adjustment and control of pressure in rectangular ducts and air handling units. They are installed as independent devices or in combination with protection or overpressure louvres

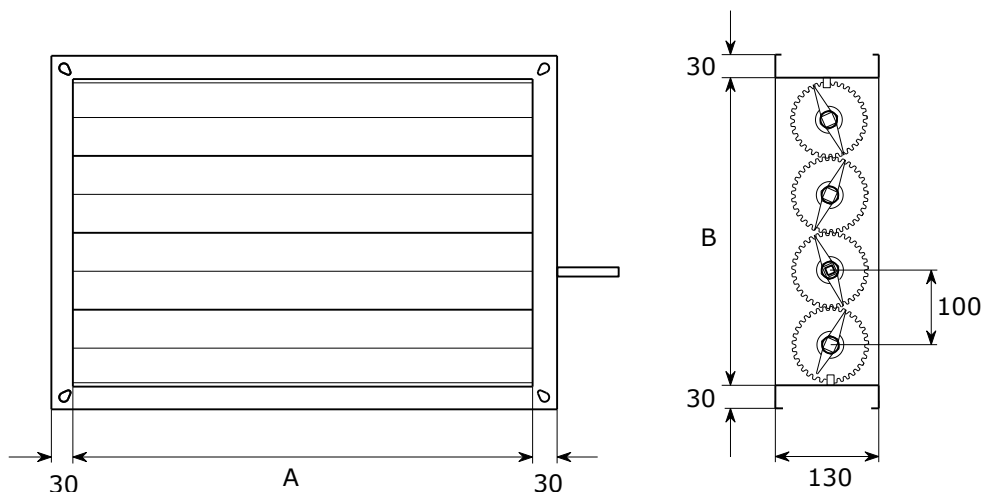
#### CONSTRUCTION:

- supporting frame
- horizontal movable blades controlled by PVC mechanism
- manual or electromotor drive

**MATERIAL:** galvanized sheet metal, aluminium sheet metal or stainless steel sheet metal

**MONTAGE:** installation with flange on the duct

### DIMENZIJE / DIMENSIONS:



RZ žaluzije izdelujemo v poljubnih kombinacijah višine in širine. / We produce RZ louvres in optional dimensions.

### NAČIN NAROČANJA / HOW TO ORDER:

RZ	600	x	500	ZN	E + LM230A
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#### pogon / drive:

R - centralni ročni pogon / central manual drive

E - pripravljeno za elektromotorni pogon / ready for electromotor drive

E + BELIMO ... - montiran elektromotorni pogon / mounted electromotor drive

#### material

ZN, AL, INOX

#### višina / height

standard 200-2000

poljubna / optional

#### širina / width

standard 200-1200

poljubna / optional

#### tip žaluzije / type of louver

**Nivo hrupa in padec tlaka "alfa" = 10° do 80°**  
**Sound power level and pressure drop "alfa" = 10° to 80°**

Kot lopatic Blade angle (°)	Hitrost Velocity (m/s)	1m/s	2m/s	3m/s	4m/s	5m/s	7m/s	10m/s
10°	Δpt (Pa)							8
	LwA0 (dB)							63
20°	Δpt (Pa)				7	11	18	38
	LwA0 (dB)				46	52	59	68
30°	Δpt (Pa)			12	18	29	55	110
	LwA0 (dB)			46	54	58	66	74
40°	Δpt (Pa)		11	22	42	56	120	240
	LwA0 (dB)		39	53	58	64	73	81
50°	Δpt (Pa)		18	42	89	128	255	480
	LwA0 (dB)		48	58	67	72	79	88
60°	Δpt (Pa)	11	42	98	173	275	510	1050
	LwA0 (dB)	41	57	67	74	79	88	96
70°	Δpt (Pa)	19	72	161	312	492	980	
	LwA0 (dB)	46	63	73	81	86	94	
80°	Δpt (Pa)	48	181	395	780	1120		
	LwA0 (dB)	56	73	82	89	96		

**LwA (dB) = LwA0 (dB) + K**

**Korekcijski faktorji nivoja hrupa.**  
**Sound power level correction factors.**

<b>A (m<sup>2</sup>)</b>	0,1	0,12	0,25	0,3	0,4	0,5	0,6	0,75	1	1,25	1,6	2	3
<b>K</b>	-10	-9	-6	-5	-4	-3	-2	-1	0	1	2	3	5

**Območje delovanja motornih pogonov**  
**Application range for actuators**

