

## DF-CP-MT



### Step micro-swirl diffuser



### Product description

Multiple rotational diffuser for riser, KOOLAIR, model **DF-CP-MT**, of dimensions  $L \times H$ , formed by a frontal rectangular plate that incorporates  $n$  swirl micro-diffusers.

Made in steel sheet. Finished painted in RAL colour upon request.

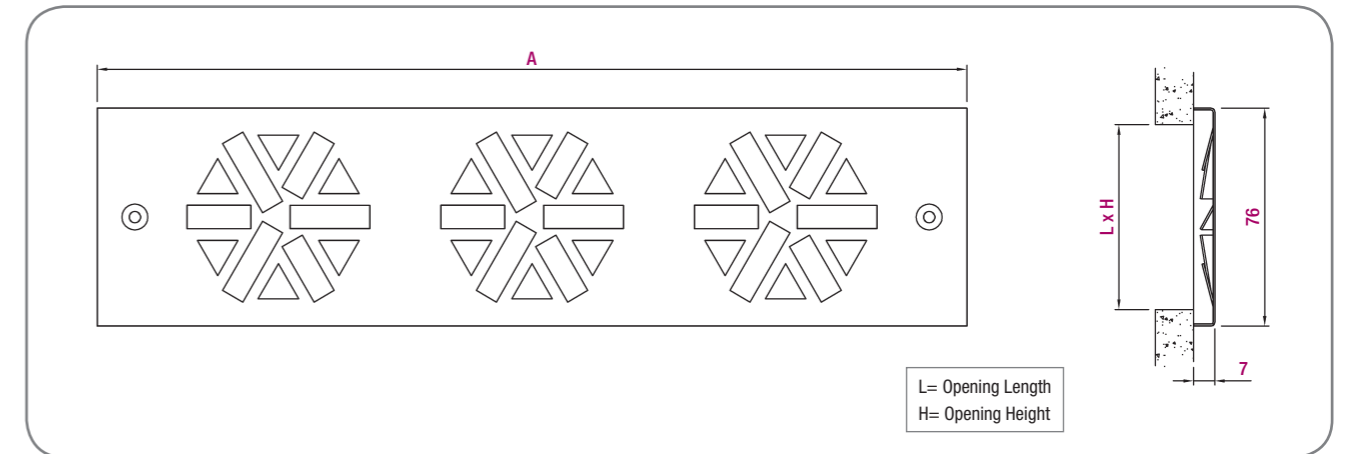
### Mounting

Without indication, mounted directly by screws.

**P.** Connection plenum box made of galvanised steel sheet. Please consult us for design details.



### General dimensions



Model	L x H	A
2	165 x 65	212.5
3	250 x 65	300
4	340 x 65	387.5
5	425 x 65	475
6	450 x 65	500

Unit mm



### Selection table

Diffusers	Nominal dimension	Q (m³/h)	L <sub>wa</sub> [dB(A)]	ΔP <sub>t</sub> (Pa)	V <sub>x</sub> (m/s)
2	165 x 65	22	20	10	0.14
		27	26	16	0.17
		35	32	26	0.23
3	250 x 65	31	20	9	0.16
		39	26	15	0.21
4	340 x 65	49	32	23	0.26
		39	20	8	0.18
5	425 x 65	49	26	13	0.22
		63	32	21	0.29
6	450 x 65	47	20	8	0.19
		59	26	12	0.24
6	450 x 65	75	32	19	0.31
		54	20	7	0.20
6	450 x 65	69	26	11	0.26
		88	32	18	0.33

#### LEGEND

Q (m³/h): Air flow par plaque.  
 L<sub>wa</sub> [dB(A)]: Sound power level.  
 ΔP<sub>t</sub> (Pa): Total pressure loss.  
 V<sub>x</sub> (m/s): Maximum velocity of the air stream at 0.70 m from the diffuser.