SP

Description

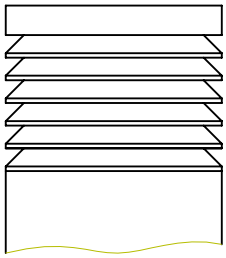
Regulator Towers SP are designed for supply and exhaust of air from rooms. In case of high-noise level, air displacement tower can befitted with sound attenuator.

Technical data

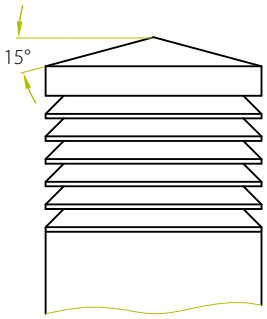
They are available in circular and square versions. They consist of three parts: • Housing mantle with attached flange or special connection • Vane is fitted at any height and under any inclination. Number of blades depends on required effective area. • Cap is available in three forms: (flat, pointed or inclined). Materials and dimensions of product are determined by the customer. Possible materials & colours: aluminium, steel or rust-resistant coated (polished). Air displacement towers can be painted in any RAL colour.

Typees of end cap

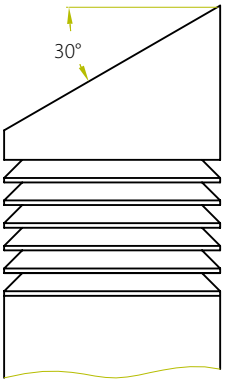
Type 1
Flat end cap



Type 2
Pointed end cap: inclination 15°



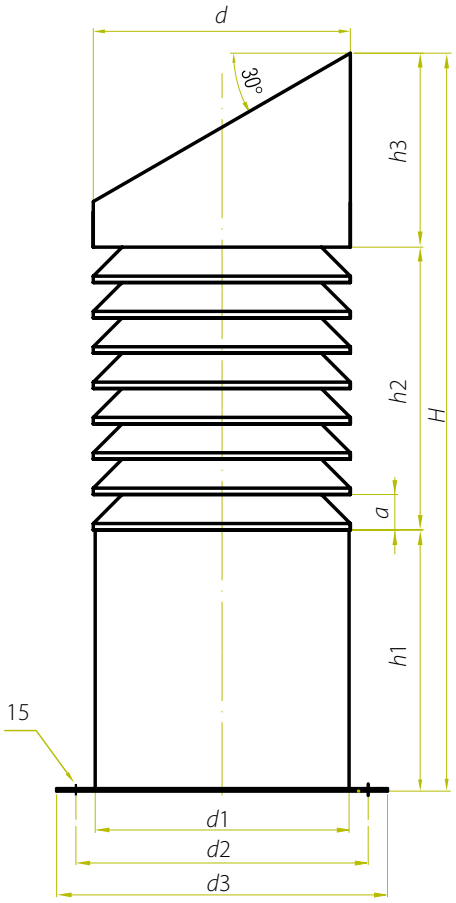
Type 3
Inclined end cap: inclination 30°



Dimensions

Size	*a* [mm]	*d* [mm]	*d*1 [mm]	*d*2 [mm]	*d*3 [mm]	*h*3 [mm]		
						Cap 1	Cap 2	Cap 3
140	25	137	113	173	233	70	88	149
200		193	170	230	290		96	181
250		249	225	285	345		103	214
300		305	281	340	400		111	246
360		361	336	396	456		118	278
400	55	400	395	455	515	70	124	301
500		500	495	555	615		137	359
700		700	695	755	815		164	474
900		900	895	955	1015		191	589
1000		1000	995	1055	1115		204	647
1300		1300	1295	1355	1415		244	820

Note: Air tower SP is also available in
square or rectangular cross-sections (A x B).



Technical data

All necessary technical data are provided according to the project on the basis of the customer's requests (required dimensions, air flow, etc.).

Variant with the sound attentuator

The sound attentuator is mounted in the housing mantle of the supply air/exhaust air tower.

For the determination of technical data,see the chapter: Sound Attenuators, Type MDZ.

Rust-resistant sheet metal AISI 304 mat
Rust-resistant sheet metal AISI 304
Polished aluminium + RAL in optional colour
Zinc-coated sheet metal + RAL in optional colour
Cap Type (1, 2, 3)
Height of the housing (h1)
Height (H)