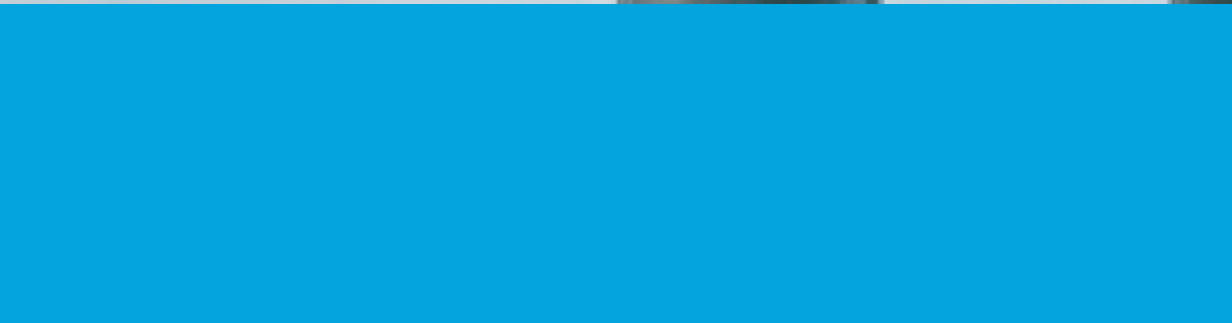


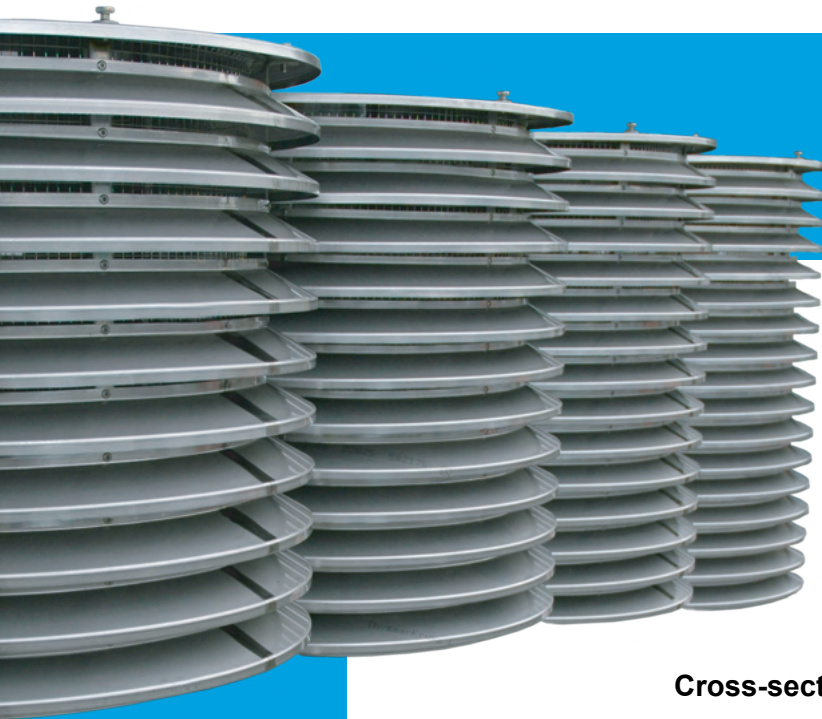
CASTOR

Roof Vent



CASTOR

Roof Vent



The CASTOR Roof Vent impresses with its delicate design featuring horizontal louvers that prevent snow and water from entering the pipe system. Due to its appealing shape, it has become indispensable in the ventilation sector.

Cross-sectional ratio of pipe / cap

ND	Pipe cross-section	Cap cross-section	Factor Pipe / Cap
100*	7'854 mm ²	61'889 mm ²	7.88
125*	12'272 mm ²	77'361 mm ²	6.31
150*	17'671 mm ²	92'865 mm ²	5.26
160	20'106 mm ²	99'022 mm ²	4.93
180*	25'447 mm ²	111'400 mm ²	4.38
200*	31'416 mm ²	123'778 mm ²	3.94
224*	39'408 mm ²	168'891 mm ²	4.29
250*	49'087 mm ²	188'495 mm ²	3.84
280	61'575 mm ²	211'114 mm ²	3.43
300*	70'686 mm ²	226'194 mm ²	3.21
315	77'931 mm ²	237'504 mm ²	3.05
350*	96'211 mm ²	263'760 mm ²	2.74
355	98'980 mm ²	267'663 mm ²	2.71
400*	125'664 mm ²	355'628 mm ²	2.83
450	159'043 mm ²	400'081 mm ²	2.52
500	196'350 mm ²	444'535 mm ²	2.26
550	237'583 mm ²	488'988 mm ²	2.06
560	246'301 mm ²	573'528 mm ²	2.33
600	282'743 mm ²	614'494 mm ²	2.17
630	311'725 mm ²	645'219 mm ²	2.07
650	331'831 mm ²	665'702 mm ²	2.01
700	384'845 mm ²	811'472 mm ²	2.11
710	395'919 mm ²	823'065 mm ²	2.08
750	441'786 mm ²	869'434 mm ²	1.97
800	477'836 mm ²	927'396 mm ²	1.94
850	567'450 mm ²	1'100'184 mm ²	1.94
900	636'173 mm ²	1'164'901 mm ²	1.83
950	708'822 mm ²	1'357'952 mm ²	1.92
1000	785'398 mm ²	1'429'423 mm ²	1.82

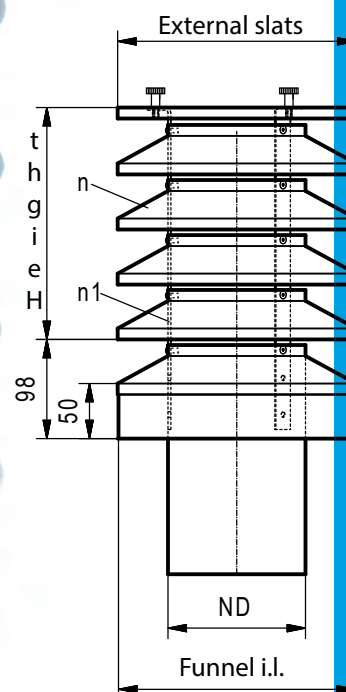
* with flow forming pieces

Technical Specifications

ND	Slats outside	Funnel in light	Number (n) slats	Number (n1) Supports	Height
100*	208	203	4	3	265
125*	235	230	4	3	265
150*	260	255	4	3	265
160	260	265	4	3	265
180*	290	285	4	3	265
200*	310	305	4	3	265
224*	334	329	5	3	325
250*	360	355	5	3	325
280	410	385	5	3	325
300*	410	405	5	3	325
315	410	420	5	3	325
350*	460	455	5	3	325
355	460	460	5	3	325
400*	510	505	6	5	385
450	560	555	6	5	385
500	610	605	6	5	385
550	660	655	6	6	385
560	670	665	7	6	445
600	710	705	7	6	445
630	740	735	7	6	445
650	760	755	7	6	445
700	810	805	8	6	505
710	820	815	8	6	505
750	860	855	8	6	505
800	910	905	8	6	505
850	960	955	9	6	565
900	1010	1005	9	8	565
950	1060	1055	10	8	625
1000	1110	1105	10	8	625

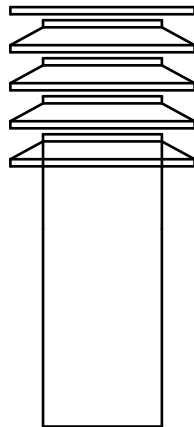
* with flow forming pieces

The number of slats and supports is variable.

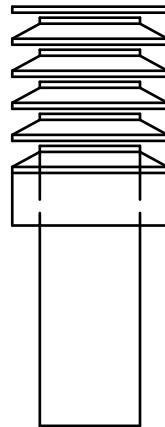




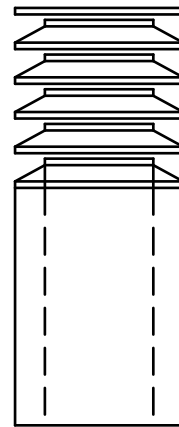
Variants



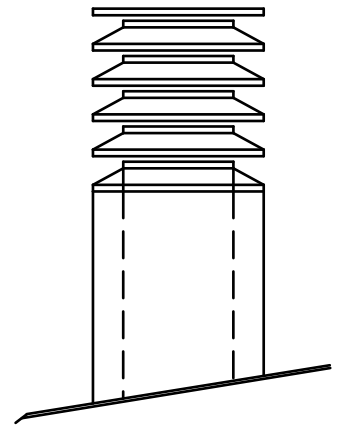
Type CRL



Type CT 500



Type CRLD

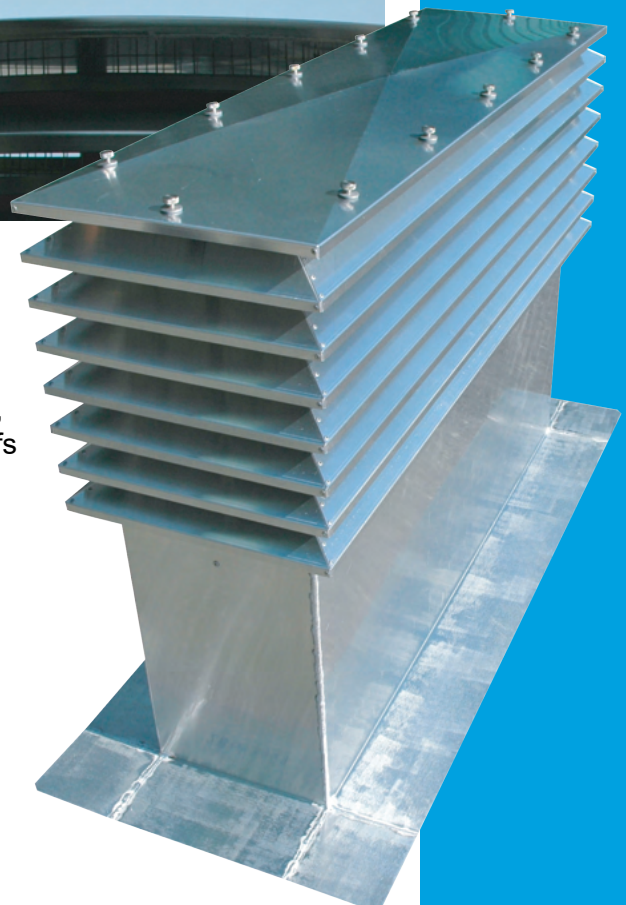


Type CRLD-S

The round louvered cap is available in all standard construction metals such as copper, aluminum, stainless steel and copper-titanium-zinc.

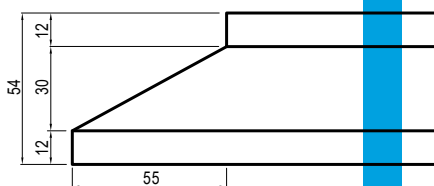
Of course, this roof vent meets the current requirements of ventilation technology to a high degree.

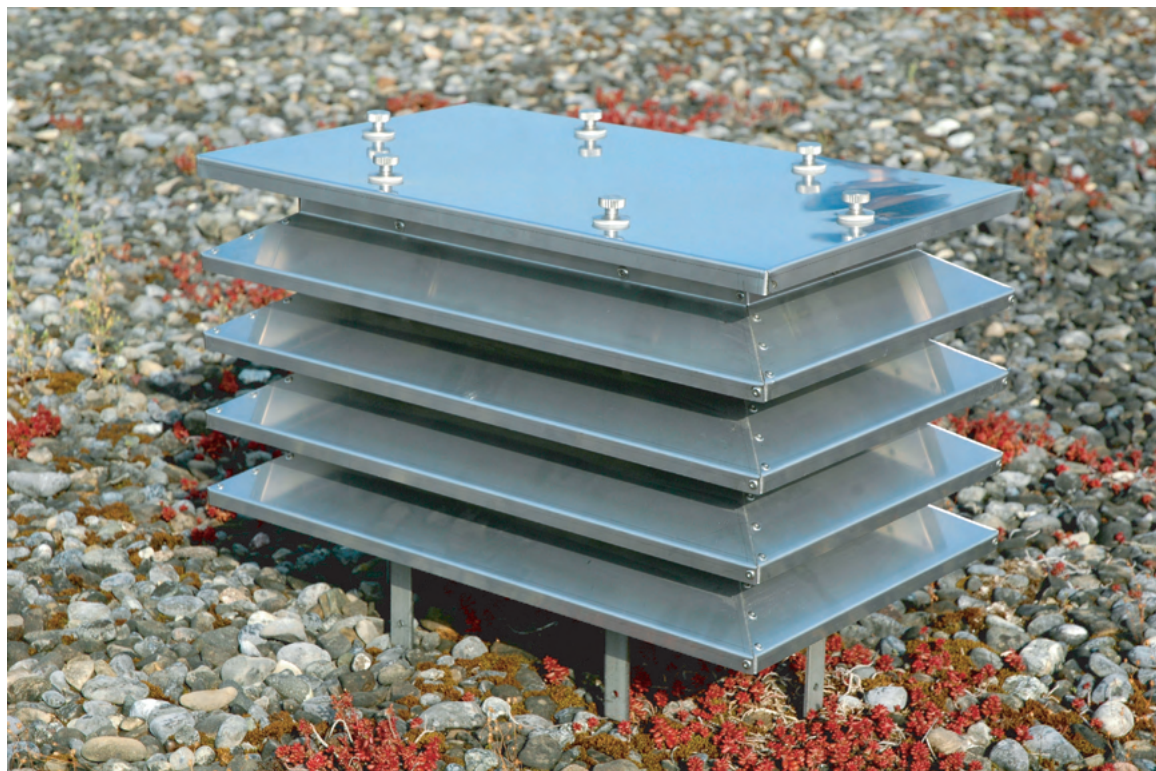




Depending on the use, whether for pitched roofs or flat roofs, insulated, with termination funnel or even with protective grille, almost limitless in its applications.

Slat dimensions

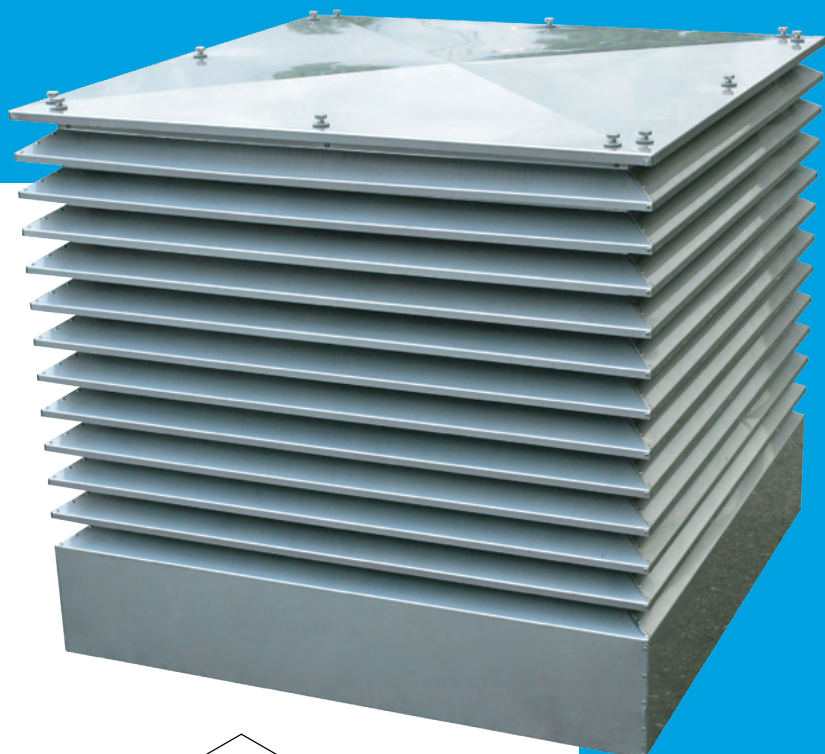




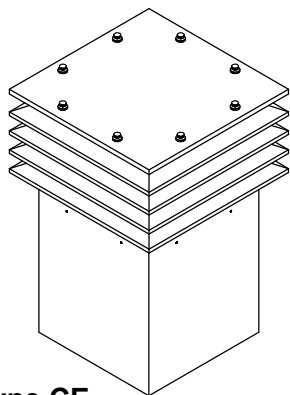
Cross-sectional ratio Duct / Cap

Length x width	Duct cross- Section	Cap cross- Section	Ratio Duct / Cap	Number of slats	Number of Support	Height
200/200	40000 mm ²	177600 mm ²	4.44	4	4	265
250/250	62500 mm ²	222000 mm ²	3.55	4	4	265
300/300	90000 mm ²	266400 mm ²	2.96	4	4	265
350/350	122500 mm ²	310800 mm ²	2.54	4	4	265
400/400	160000 mm ²	355200 mm ²	2.22	4	8	265
450/450	202500 mm ²	486000 mm ²	2.40	5	8	325
500/500	250000 mm ²	540000 mm ²	2.16	5	8	325
550/550	302500 mm ²	699600 mm ²	2.31	6	8	385
600/600	360000 mm ²	763200 mm ²	2.12	6	12	385
650/650	422500 mm ²	951600 mm ²	2.25	7	12	445
700/700	490000 mm ²	1024800 mm ²	2.09	7	12	445
750/750	562500 mm ²	1242000 mm ²	2.21	8	12	505
800/800	640000 mm ²	1324800 mm ²	2.07	8	12	505
850/850	722500 mm ²	1570800 mm ²	2.17	9	12	565
900/900	810000 mm ²	1663200 mm ²	2.05	9	12	565
950/950	902500 mm ²	1938000 mm ²	2.15	10	16	625
1000/1000	1000000 mm ²	2040000 mm ²	2.04	10	16	625

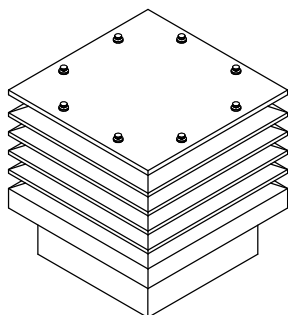
The dimensions (LxW) as well as the number of supports and slats are variable or according to customer requirements.



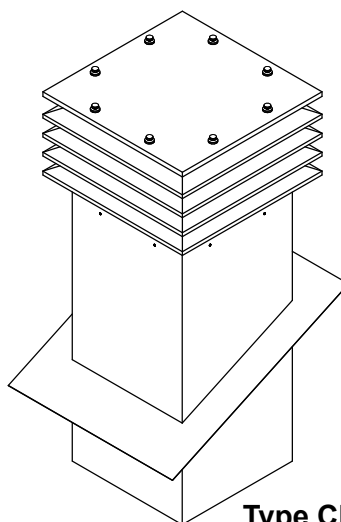
Variants



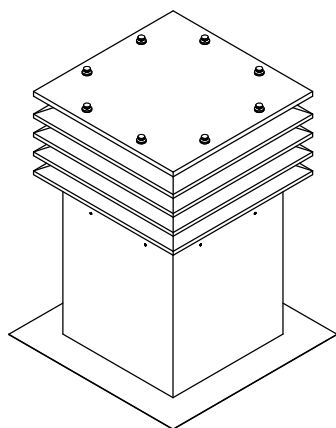
Type CE



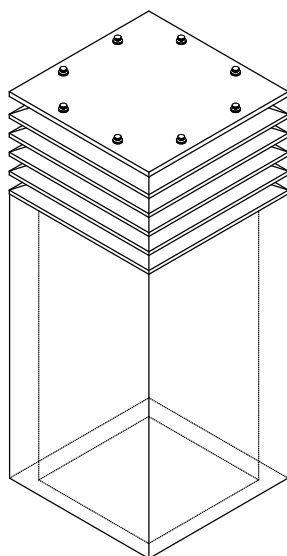
Type CET
with ending funnel



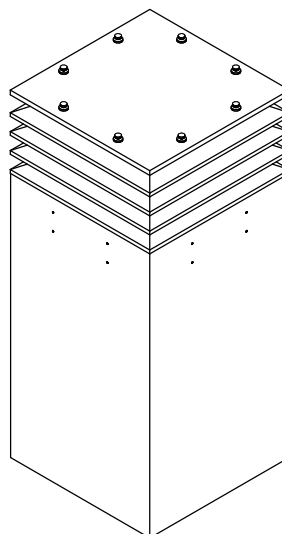
Type CE-S
with tray for sloped roof



Type CE-F
with tray for flat roof



Type CEID
Double-walled, 50 mm insulated



Type CEA
With external duct

The square CASTOR Roof Vent is available in construction metals such as copper, aluminum, stainless steel, copper-titanium-zinc, and uginox FTE.

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