E C O

Chimney Cap

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This is it, the new chimney cap: **ECO-Chimney Cap.** This chimney cap fulfils all required standards and functions:

- Excellent flue stabiliser
- Prevents rain and snow from entering
- Temperature-resistant
- Form-locking

The **ECO-Chimney Cap** is a registered trademark. It was tested thoroughly by TÜV.
Next to the TÜV certificate, this chimney cap also received the **general appraisal certificate.**

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ECO-Chimney Cap type EZ with closing-off sash

ECO-Chimney Cap type ER with round cross section

ECO-Chimney Cap type EO without tube socket

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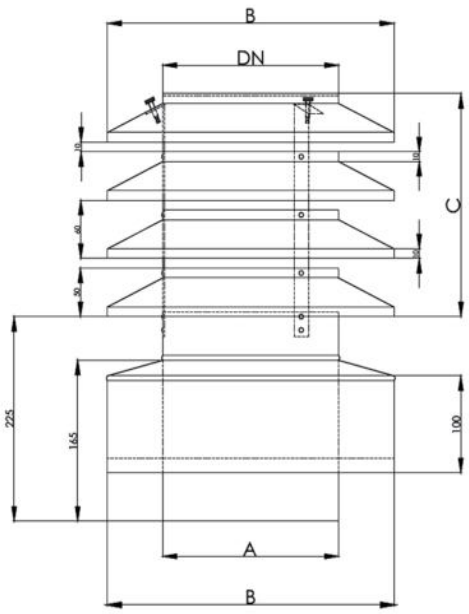
with general appraisal certificate by TÜV

Technical Data

Nominal diameter	A	B	C	Louvres
80	76	190	230	4
100	96	210	230	4
125	121	235	230	4
150	146	260	230	4
175	176	285	230	4
200	196	310	230	4
225	220	335	230	4
250	246	360	290	5
300	296	410	290	5
350	346	460	290	5
400	396	510	290	5
450	446	560	350	6
500	496	610	350	6



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Nominal diameter for isolation
30 mm

80/155
100/175
125/200
150/225
175/250
200/275
225/300
250/325
300/375
350/425
400/475
450/525
500/575

Nominal diameter for isolation
50 mm

80/155
100/215
125/240
150/265
175/290
200/315
225/340
250/365
300/415
350/465
400/515
450/525
500/575

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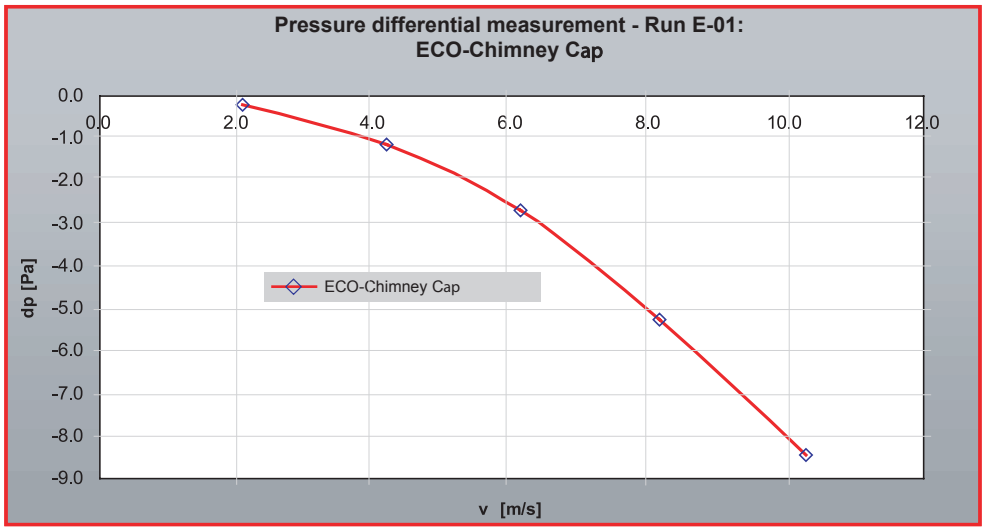
Test record by **RUAG** Aerospace Defence Technology

Configuration: ECO-Chimney Cap

			Tube diameter [m]:	0.119
			Gas constant [J/(kg*K)]	287.05
Run No.:	**E-01**	**Measured values:**	p-Baro [mBar]	966
Date / Operator	12.06.08 Af		T [°C]	17.7
			p-Baro [Pa]	96600
			T [K]	290.86

Air flow in tube

v [m/s]	dp [Pa]	p_{ges} [Pa]	Density [kg/m^3]	q [Pa]	Air flow [m^3/s]	[m^3/h]	Re [-]
0.00							
2.08	**-0.20**	2.30	1.157	2.50	0.0231	83.3	1.6E+04
4.18	**-1.15**	8.96	1.157	10.11	0.0465	167.4	3.2E+04
6.12	**-2.70**	18.97	1.157	21.67	0.0681	245.0	4.7E+04
8.15	**-5.25**	33.17	1.157	38.42	0.0906	326.3	6.2E+04
10.28	**-8.45**	52.68	1.157	61.13	0.1143	411.6	7.9E+04



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