

TECHNICAL DETAILS

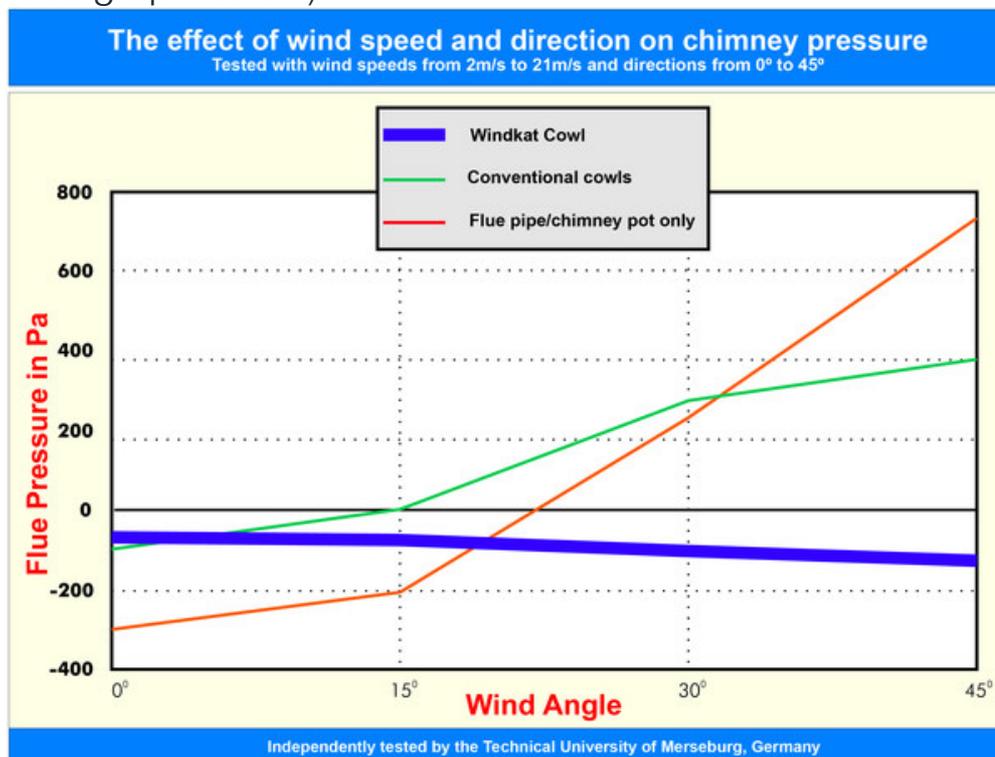
THE WINDKAT HAS BEEN INDEPENDENTLY TESTED AND REVIEWED BY:

The TUV (German technical Control Board)

(to guarantee compliance with all necessary European legislation and standards)

The Technical University of Merseburg (Germany),

(to study the effects of wind speed and direction on the Windkat. The study showed conclusively that the Windkat provides constant even draw regardless of both those variables - see graph below)



Bavarian Environment Agency (German government assessment)

(To certify that the Windkat improves the efficiency of stoves and fireplaces by 5-20% which saves fuel and reduces pollution)



Technical University of Munich,

(to certify the effectiveness of the windkat)

Martin-Luther University Halle

(to certify the effectiveness of the windkat)

As well as the German Chimney Sweeps Association and thousands of German and British residential and commercial customers over the last 15 years.

(see our customer reviews here)

**TECHNICAL STANDARDS
THE WINDKAT COMPLIES WITH ALL
NECESSARY EUROPEAN, BRITISH AND
GERMAN STANDARDS INCLUDING:**

DIN 18 160-1 (12/2001)

domestic chimneys requirement, planning and execution edition
February 1987

chapter 10.6: chimney caps, including nozzles

Chimney caps can consist of burned clay, stoneware, normal concrete, steel sheet or cast iron. Caps for chimneys with limited temperature consistency or for steel chimneys for decreased requirements, can also consist of fibrated concrete.

also the new DIN EURO STANDARD EN 13-384-1 was conscientiously considered throughout development of the WINDKAT system.

the WINDKAT is made of stainless high-grade steel and corresponds therefore to this Norm (DIN 1.4571)

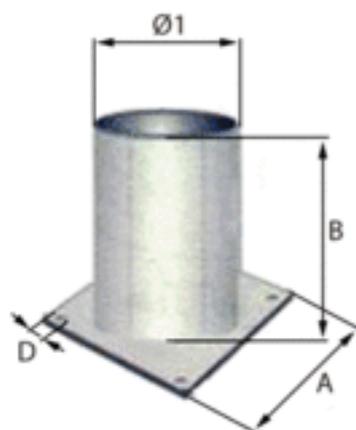
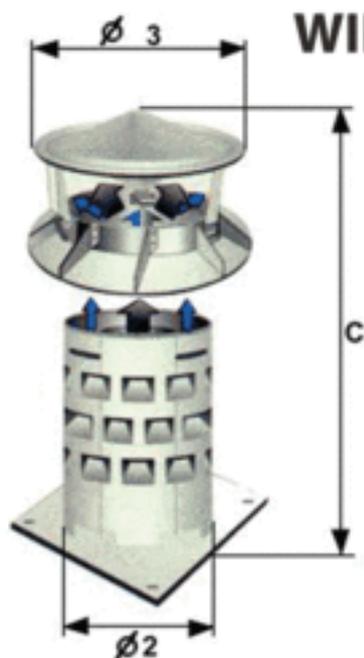
DIN 1860 chapter 6, as well as the international FeuVo demands, that chimney caps may not have mobile parts, excluding those for cleaning.

The WINDKAT does not have mobile parts, and therefore corresponds to the international standards.

The WINDKAT is not regarded as a new building material, design or construction unit and therefore does not require planning permission.

The Windkat cowl has been solving chimney problems in Germany for over 10 years. It is recommended by the German Chimney Sweeps Association and has been rigorously tested by the TUV (technical control board), Thuringen National Institute for the environment, Technical University of Munich, Bavarian Environmental Agency, Martin-Luther University Halle and the Technical university of Dresden. It complies with the European norm 13384-1 as well as the DIN norm 18160 and the demands of the FeuVO.

WINDKAT Dimensions



WINDKAT	A	B	C	D	Ø1	Ø2	Ø3
130	280	240	420	20	130	180	260
150	280	240	420	20	150	205	280
180	350	300	510	20	180	230	360
200	350	300	510	20	200	250	380
250	350	300	510	20	250	300	420
300	500	300	510	30	300	360	480