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Good advice
that provides warmth
and comfort ...

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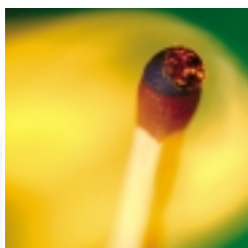
Why let the warmth end in smoke ..?

Smoke in your living room

A poor chimney draught often causes smoke to spill back into the room which is a nuisance and can be dangerous. This smoke may be due to several reasons:

- lack of fresh air into the room;
- incorrect sizing of either the fireplace or the chimney;
- the weather.

It is the "job" of the chimney to remove smoke and draw in fresh air corresponding to the amount of smoke the fireplace produces. The draught in the chimney creates a small under-pressure, which sucks air from windows and doors and keeps the smoke away from the living room. A draught-proof house, air extract fans or cooker hoods may make it difficult for the chimney to provide enough fresh air. The result: smoke in the living room.



Kindling

The most frequent reasons for kindling problems are:

- lack of draught at the start;
- wrong or too poor/wet firewood.

The draught is created by heat, and the determining factor is the difference between the temperature outside and the temperature of the chimney. Since the chimney is still cold during kindling, the draught is limited, like in a summer house which has not been heated for a long time.

It is important to choose the right firewood for the fireplace. Then the fire kindles better and more quickly develops the heat required for a good chimney draught. Only set large pieces of wood on the fire when the chimney is well heated.

Black doors

The reason is poor combustion, and admitting more air to improve the combustion, e.g. by increasing the draught, solves the problem.

The problem may also be due to wet firewood, as all the energy then is used to dry the wood instead of developing heat.



Weather and wind

Fog, mist, strong wind or totally calm weather for that matter may cause problems, often as a smell of smoke or a down-draught. By improving the chimney draught and thereby the combustion, the external influence is reduced and the smoke is carried away.

The chimney height

It is important that the chimney height and diameter are appropriate for the dimensions and capacity of the fireplace. Otherwise the chimney cannot function on its own.

Often the height of the chimney is chosen out of architectural considerations.

Burning time

It is rare to keep the woodburning stove going for more than 6 hours at a time, and it is a good idea to stoke while many embers can still set the new wood on fire. Frequent stoking in small amounts increases the smoke temperature and improves the chimney draught. Then you will also avoid the nuisance of smoke, when the stove door is opened.



Open fireplaces

Many fireplaces are not being used because they make a mess and are almost impossible to kindle. With a correct draught in your chimney and sufficient inlet air for combustion, a cosy fireplace will result - and then the rest is up to you.

A hot tip:
a correct chimney draught
gives a good fuel economy
- quite simply



Many problems - one solution

In this folder, we have described several of the most frequently occurring problems in connection with fireplaces and woodburning stoves. Common for these problems is that there is one simple solution. By installing a chimney fan, the optimum draught in the chimney is created in the same minute the fireplace is lit.

Contact your specialist for further information. It is both easier and cheaper than you may think to have a chimney fan installed.

"I recommend an EXHAUSTO chimney fan solution to my customers where I find problems with the chimney draught."

Martin Holm Andersen
Martin Holm Andersen
Chimney Sweep

Security and guarantee:

We give you a 2-year factory warranty on your chimney fan and 30 days on sale or return if we cannot solve your chimney draught problem with an EXHAUSTO chimney fan.



*Optimum
Chimney Draught
Easy-to-use*