

SleepDeep™

*Sleep better and wake refreshed
in a SleepDeep bed*

SleepDeep beds have something that you will find in no other bed - something that you take for granted in cars, offices and homes. We spent years developing it for Volvo and Saab, for offices and homes, and now we have applied the same know-how to beds.

It was the biggest challenge we faced, and it took 5 hard years of development, but we succeeded and SleepDeep beds are now in production. For the first time ever, there is now a bed that **actively controls thermal comfort** by responding continuously to changing room temperatures and to the changing thermal requirements of the sleeper!

Air is drawn down into the mattress at the variable rate required to keep you comfortable at all times, hour after hour, night after night.

All you have to do is to indicate how warm or cool you want to be on a simple hand controller, and the microclimate provided

by the bed is then automatically maintained at that level, adjusting for bedroom temperature and for your own changing heat production at different times during the night. Apart from the fact that you will never have to wake up to adjust the bedclothes, SleepDeep is otherwise a normal bed that you use and make up like any other bed. Our goal was to design a bed that would succeed better than any other bed at doing what beds are supposed to do - helping you to fall asleep, sleep soundly and wake refreshed. In other words, the perfect bed - the one you have been looking for all your life. Beds have always been passive, which means that you have to do the work - you have to wake up from time to time to adjust the bedclothes.

We wanted to go a step further and make the bed do this work for you.

SleepDeep's actively controlled ventilation means that you can now sleep comfortably all night.

You will never again be too hot in bed - or too cold. Heat and moisture is removed

continuously through the mattress at a controlled rate. This means that the bed never has to absorb moisture, so we can use materials that are both softer and more hygienic.

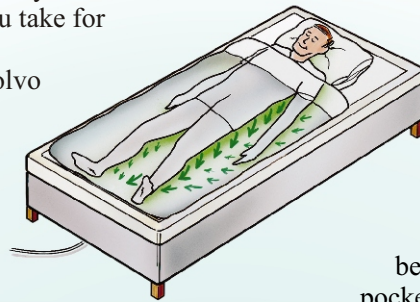
StarSprings International is Scandinavia's leading manufacturer of bedsprings and they have been our partners in this development. Their experience has made it possible to combine a uniquely sensitive bedspring assembly with the new porous materials. The double-layer bedspring assembly uses ActiveZone™ pocket springs as the upper layer.

The bed is clad with a hardwearing cotton and linen mixture, while the upper surface is of fine knitted wool - sensitive and extremely porous.

*Swedish design
Quilted in a cotton/linen mixture
Oak legs.*



*House Dust Mites
sure don't like
our work*



Sleep soundly - be happy



*Hand control unit
(+) = warmer
(-) = cooler*



*Microclimate control unit
underneath the foot end
of the bed*



SleepDeep Adjustable



*Make up the bed
in the usual way*



*Separate top mattress to hold
the bottom sheet in place*

SleepDeep is the first of a completely new generation of beds that actively help you to sleep better, leaving conventional (passive) beds far behind in terms of comfort and sleep quality.

This welcome innovation reached the market in early 2005.

Fact sheet



Fact sheet - SleepDeep

Dimensions: SleepDeep 90x200cm, 120x210cm & SleepDeep Adjustable, 90x200cm

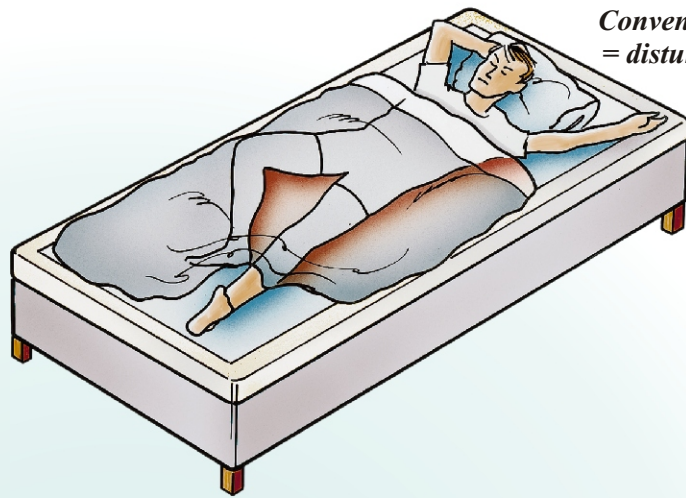
All models are available 210cm long on special order.

Pocket springs (Active Zone™): Soft or Medium. SleepDeep adjustable is available only in medium.

Top mattress: Soft or Medium

Bedcovers: SleepDeep works with any bedcovers but a special accessory range of bedcovers, including a novel twin-layer, triple-configuration duvet (e.g. for summer, autumn/spring and winter), is available.

Active microclimate control: The ClimaBed active microclimate control system is the heart of each SleepDeep bed. It works like this: a microprocessor in a hand control unit is continuously aware of the air temperature under the bedcovers, the room temperature, your personally preferred temperature that you indicated on the hand control unit, and also of how long you have been asleep. Using this information it is able to adjust the fan speed continuously up or down all night so that you stay comfortable no matter what. You will never again be too hot or too cold, so you can sleep undisturbed all night and wake up warm and refreshed. The ClimaBed system runs on a standard battery eliminator that is plugged into the mains to provide a few watts of low voltage DC (direct current).

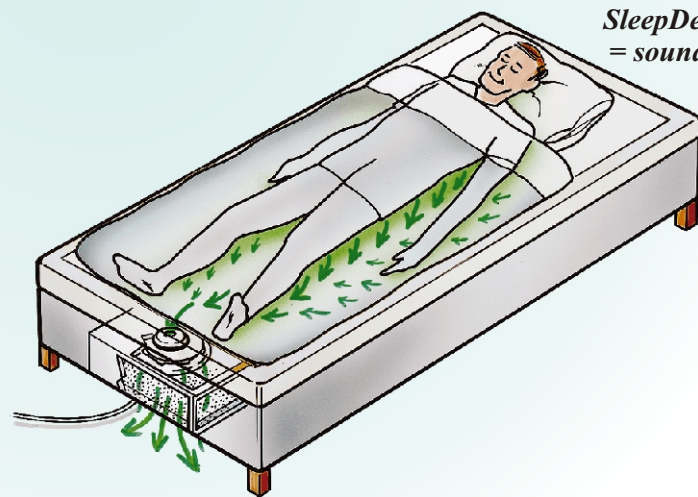


Noise level: The noise of the fan is so low that it is difficult to hear or measure - <35dBA. If you have good hearing and it is completely quiet in the bedroom you might just be able to hear the whisper of the air flowing out of the bed if full fan speed is needed, but no noise or vibration at all is transmitted through the bed itself.

Maintenance: The combined particle and active charcoal odour filter downstream of the fan should be changed once every two years. It is easy to drop in a new filter. This feature keeps the air in the bedroom much cleaner than usual.

Energy declaration: Annual energy consumption is 35 kWh. Annual cost (2005): \$5

The SleepDeep fan runs day and night, at only 2W during the day and at 2-8W during the night.



Warranty: 5 years for the frame, bedsprings and ClimaBed system; otherwise the usual 2 years.

Origin: The ClimaBed system and SleepDeep beds are made in Sweden. ClimaBed was patented in Sweden first.

Demonstration beds are currently on show at **Atlantis**, Sveavägen 25, Stockholm, and at **Sköna Nätter**, Linnégatan 7, Göteborg.

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