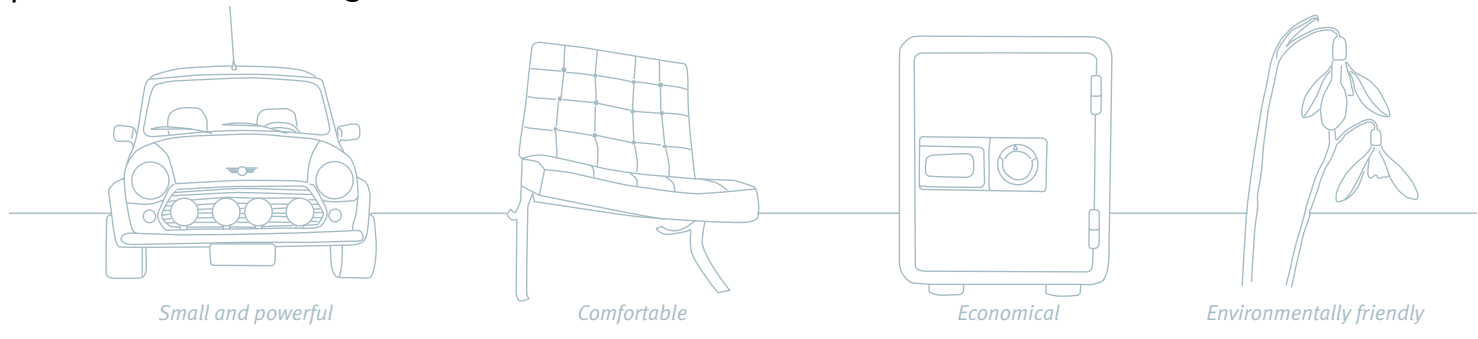




DBE

The smallest and most powerful radiators

Adrenalin rushing through your arteries. Muscles flexed. And then... go for it. Like DBE. Push the button and the boost kicks in. Right up to 200% more power. For faster heating. 9 times faster to be exact. Even though DBE is energy-saving, intelligent and a lot smaller. Maximum power for a mini design!



JAGA DBE radiators

Small and powerful.

With Dynamic Boost Effect technology Jaga introduces a new generation of intelligent radiators that think for themselves and adapt to the environment to bring maximum comfort quicker than ever.

Revolutionary DBE technology.

A step change in thinking just like the change from LP to CD, or from VHS to DVD. DBE makes your radiators smaller, more powerful, more pleasant and more intelligent.

Compact beauty.

Smaller radiators are more beautiful. The Dynamic Boost Effect significantly increases the capacity. The result? A smaller but more powerful radiator that takes up less wall space and offers you a range of stunning designs. This opens the door for beautiful, small, design models that will go unnoticed in every room.

Maximum power.

Standby, comfort or boost. DBE intelligently delivers the right amount of power for your needs at the right moment. In comfort-mode, output is boosted by 50% and in boost-mode it can be up to 250% higher. You can be sure that DBE will keep you comfortable by calculating and delivering the correct heating output whatever the circumstances.

Instant heat to the farthest angle

A DBE radiator delivers the required room temperature up to 9 times faster. Your room is warmed up whenever you need it without you having to keep it warm when you don't. DBE means that you need never be cold again! DBE also guarantees better heat diffusion, giving you the same comfortable temperature whether you are next to the radiator or on the other side of the room.

DBE can save you 15% to 25% on your heating bills.

Heat up more quickly.

A traditional radiator takes its time. It is only able to start heating the air once it has heated itself up, and because it is heavy this takes a long time. Due to its power and speed DBE cuts down this energy-wasting heating up period to an absolute minimum. The heating up time is shorter, the heat emission is quicker and much more efficient.

Less after-heating.

Is the room approaching the required temperature? Ok, DBE radiators cleverly reduce their output in time. Traditional radiators stubbornly continue to pump out heat until they cool down, taking too much time and wasting energy.

A house with DBE annually emits almost a ton CO₂ less.

Less energy, less CO₂.

Using less energy benefits the environment. An average house with DBE emits almost a ton CO₂ less every year. CO₂ emissions are the chief cause of global warming and anything that cuts emissions must be good.

Kyoto norms approaching.

CO₂ is given off by the burning of fossil fuels like oil fuel or natural gas. Your central heating produces a lot of greenhouse gasses. The Kyoto agreements want to prevent environmental pollution by decreasing the CO₂-emissions. DBE-radiators bring that goal nearer.

Low-H₂O and DBE: the best of both worlds

The advanced Low-H₂O heat exchanger linked to revolutionary DBE technology. Or, the best static heating system linked to a new intelligent dynamic engine. The DBE unit contains high tech mini thermal activators and is microprocessor controlled. This combination guarantees higher heating capacity, faster reaction times and more economical operation.

Intelligent control.

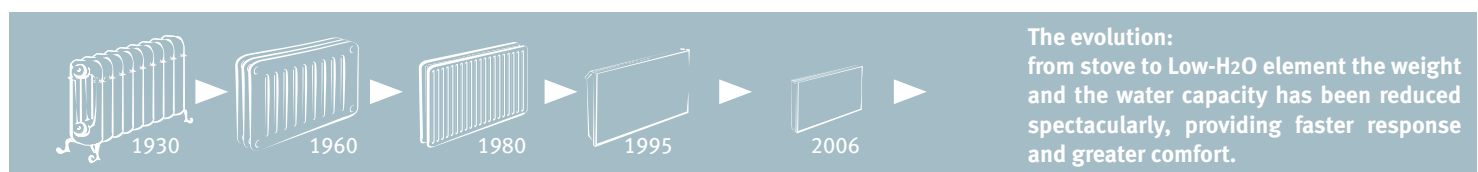
DBE's sensors constantly measure the temperature in the room and that of the water in the radiator. And if the temperature falls below the programmed lower limit? Then the microprocessor immediately sends a signal to the DBE units, which then silently increase the heat emission. With the desired temperature in sight the heat emission is automatically reduced.

Extremely economical.

Use: less than 1 Euro per year*

DBE is quick and efficient whilst being extremely economical. The DBE's brain works on 12 volt DC. Even during maximum boost output electricity use is lower than a TV in standby mode, and this only occurs for a few minutes such as when switching from night to day mode, or during periods of extreme cold.

**based on 4 cycles of 15 minutes per day.*



Jaga DBE radiators

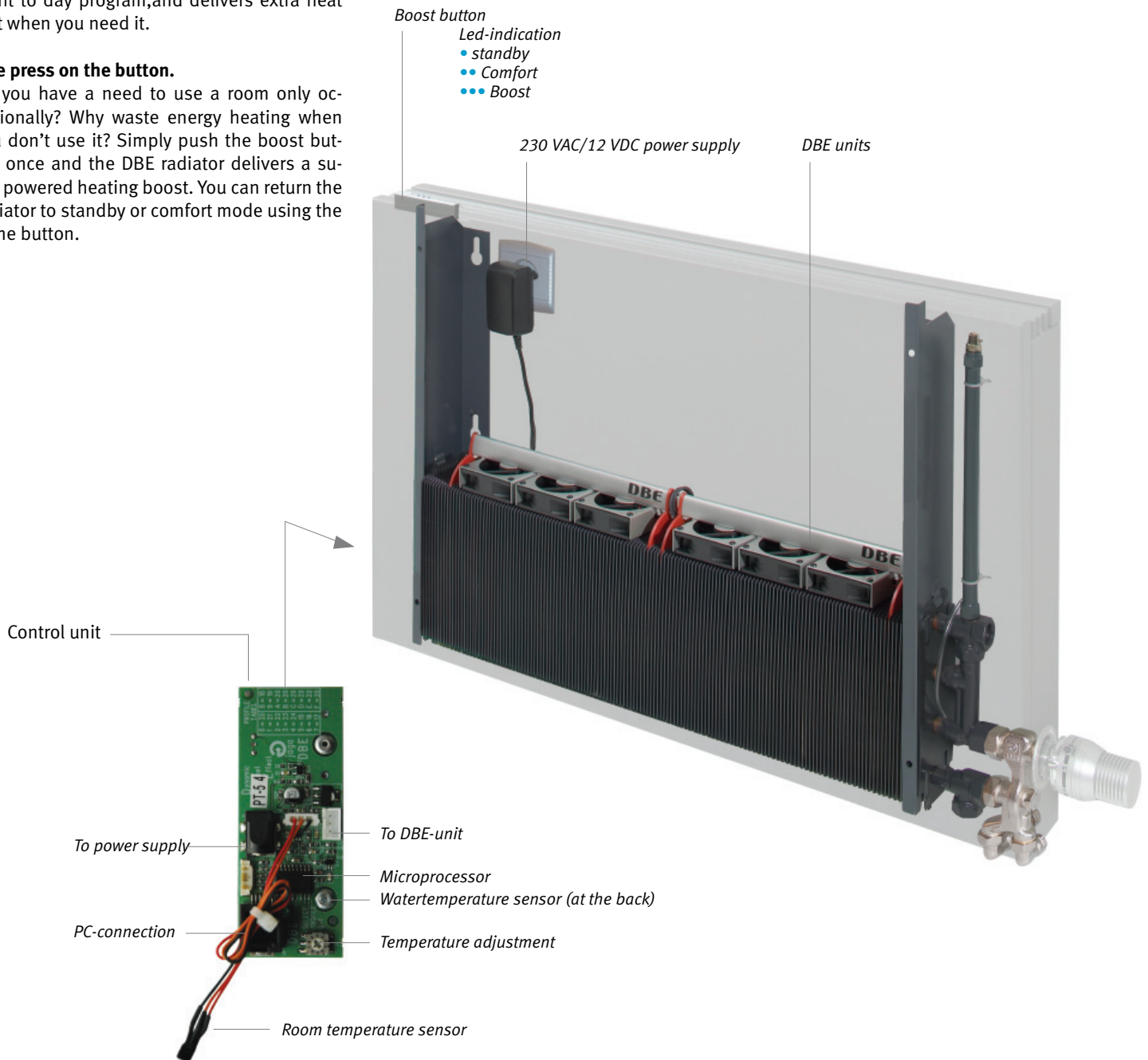
An ingenious system with an extremely easy service.

Intelligent radiator.

Jaga programs the microprocessor complete. You only need to set the maximum room temperature once. From that point on the radiator regulates everything itself. The microprocessor continuously measures and processes the temperature of the room and the water in the radiator. This way it recognizes the switch from night to day program, and delivers extra heat just when you need it.

One press on the button.

Do you have a need to use a room only occasionally? Why waste energy heating when you don't use it? Simply push the boost button once and the DBE radiator delivers a super powered heating boost. You can return the radiator to standby or comfort mode using the same button.



How do I select a DBE radiator?



There are three outputs for DBE radiators: standby, comfort and boost.

Sizing a radiator based on the comfort mode means you will have smaller radiators which also ensure faster warming up and greater comfort.

Standby

The DBE is in standby but is not working.

The normal static capacity of the Low-H₂O radiator, without the assistance of DBE is sufficient to keep the room up to temperature.

Comfort

(automatic)

If the DBE measures too low a room temperature it automatically switches to comfort-mode. In this mode it will accelerate heating by gradually increasing the capacity relative to the measured temperature up to a maximum of 150% of the static capacity.

Boost

(manual)

When you press the boost button the DBE will provide maximum heat emission for approx. 15 minutes. The capacity increases to 200%. This means that an unheated room can be heated up in no time at all.