

Superior heating thanks to innovation – simply JAWO

JAWO electric heating is made of aluminium and is not just a simple heating system. It is economical electric heating, superior to others thanks to innovation. We are driven by the ambition to constantly cope with new challenges and optimize our products to make them even more sustainable. Since we maintain close relations with our clients, we get the most direct and constructive critical remarks that enable us to search for improvements. Drawing conclusions from this feedback, we offer our clients sustainability, which is demanded by them everyday and that we must implement. The sustainability of our products is reflected in around 1000 hours of development, over 200 CAD drawings, eleven new prototypes and numerous trials. All these construction efforts have resulted in 150 practicable CAD drawings and three new marketable products.

Among our innovative products there are accessories such as new wall brackets and aluminium towel rails. The plain pedestals were replaced by brackets for fixing heaters to the floor. Another alternative to pedestals are roll brackets to make the heater mobile if required. Due to a new concept of the convection profiles, JAWO heaters show a better relation between radiant and convection heat. We are the first German company to use integrated programmable electronic thermostats with an LCD-display. They are economical, transparent, precise and easy to handle. Lessons learned from radio transmitting (RF) disturbances have been overcome – thanks to the innovative control technology of JAWO.

A further innovation is our collection of aluminium bathroom heaters. They fit our established JAWO series style. We have managed to develop efficient and economical electric storage heaters. We use KOALIT, a material designed specifically for the accumulation of heat. It consists solely of natural materials (e. g. rapeseed oil) and minerals. One component of KOALIT is even being imported from Australia.

What is KOALIT? KOALIT as such can not be found in nature. It consists of several components. The main elements are fireclay (clay and kaolin) mixed with soapstone (steatite). During the manufacturing process (certified ISO9001) this mixture is air-tightly compression-moulded with a pressure of 160 tons,

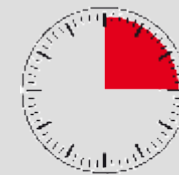
together with the heating coil made of stainless steel. Here, rapeseed oil is used as a bonding agent. At a further stage, the formed plate is baked for 48 hours at a temperature of 1,300 degrees centigrade. This baking process enables the components to combine and form a unit. The baking changes the steatite structure and the material periclase (MgO) is generated. This product is what we call KOALIT. Thanks to this elaborate manufacturing process and the use of the above mentioned components we reach an appropriate capacity of storage in our heating plates. Due to the high heat-conductive aluminium housing and responsive Koalite storage core, our heaters produce an ideal comfortable heating scene for every room.

The main colour is white. Its surface is scratch-proof. The energy-saving JAWO aluminium electric heating system works according to the principles and mode of operation of central heating. But unlike central heating, where the radiator heats up via hot water, our JAWO heating, with its numerous aluminium heating ribs that profile the front side, heats up from the extensive KOALIT storage core. The chimney-like profiles made from high-quality aluminium are attached to the housing at regular intervals. This way we get a surface that is many times extended. For the purpose of producing heat, stainless steel heat resistors are air-tightly pressed into the KOALIT storage core. Due to the storage plates touching the complete inner surface of the heater*, the dispersal of heat from the outer surface is very regular, thus reaching an intense and comfortable heat emission. Moreover, a fine convection is achieved due to chimney-like profiles*. Thanks to the perfect utilization of radiating heat and convection, JAWO electric heaters are extremely efficient in their overall performance. But not only the outstanding quality and efficiency of our heaters is remarkable; also their outer appearance is very modern and absolutely timeless. Their form and design are really exceptional. They suit every style of living.

The new LCD control – a milestone

Even here, JAWO is a pioneer of the control technology for heaters. As the first German manufacturer, we are proud to present you with a unique new integrated programmable LCD control. Operating it does not demand long hours of study. We offer an integrated solution with an LCD display. This level of control allows our customers to take full control of their heating needs resulting in lower heating bills. Our new LCD control is at present the most comfortable and efficient control of your electric heating. It enables a fully automatic operational heating system. The integrated electronics with built-in LCD display make it possible to define a customized heating profile with individual time intervals for every day of the week (24h per day, 7 days a week). For each day, three different temperatures can be programmed. The menu navigation is easy to understand and clearly visible on a large backlit display. With our technology, you do not need to train the control system nor worry about radio waves, as is the case with programmable radio technology. Another great advantage is the cycle time of the control. The JAWO heater stops its power consumption at a certain point and feels its way towards the desired temperature, guided by a temperature sensor placed at the bottom of the heater. This process is supported by a steady heat emission from the KOALIT heat storage core. Thus, the exact desired temperature is reached and an overheating of rooms is prevented. This is just another contribution from JAWO to the reduction of heating bills. Only the correct amount of electricity is needed to reach the desired room temperature.

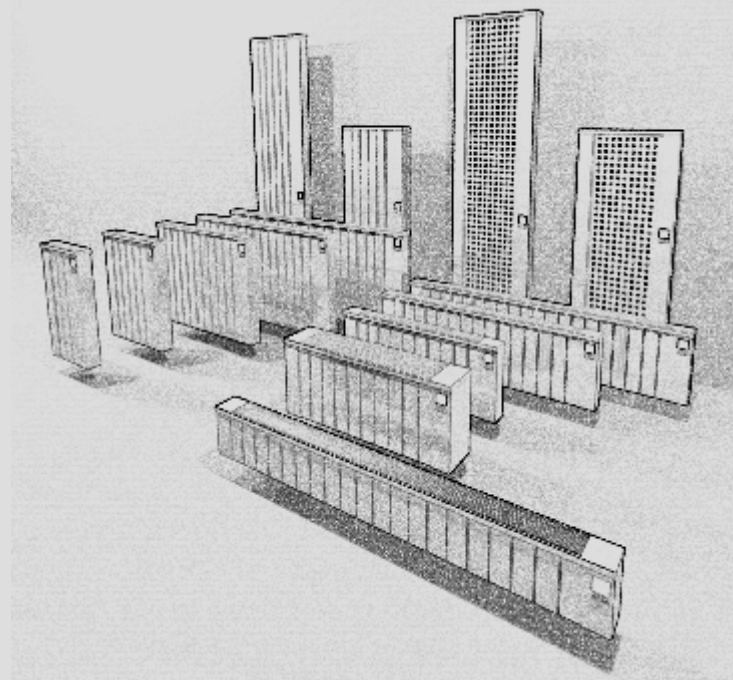
Only uses 15 minutes of power to produce an hours heat *



15 min

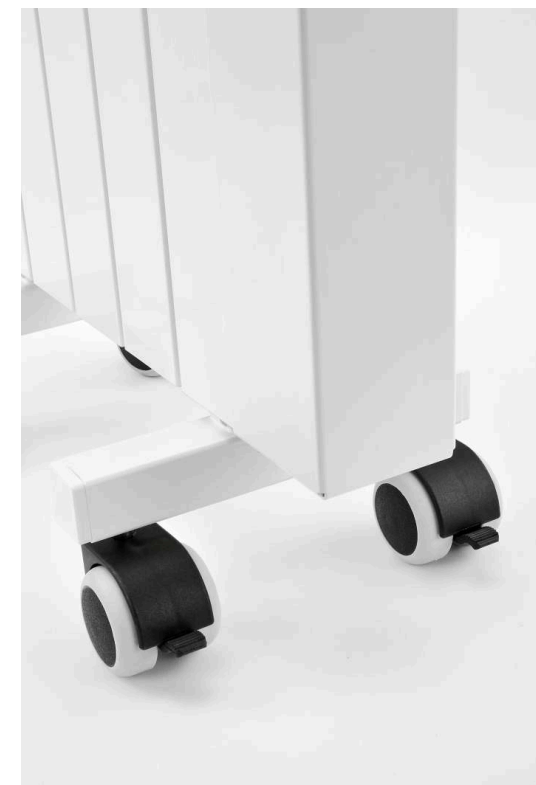
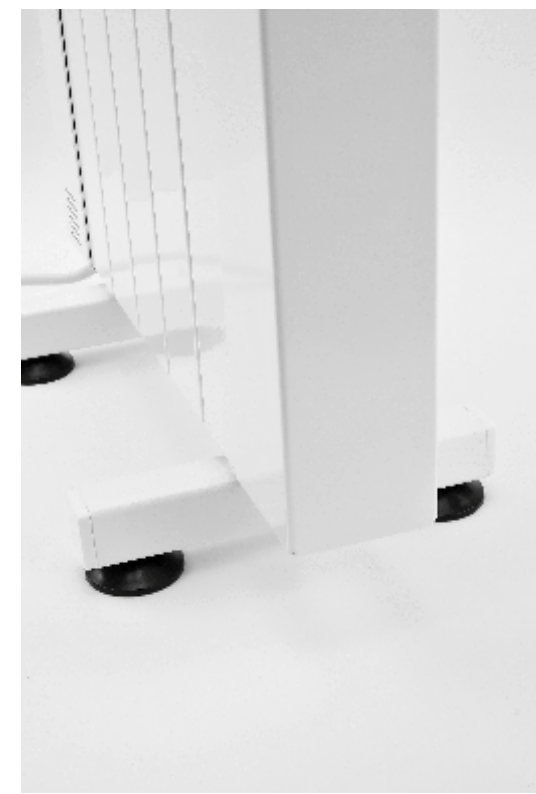
Don't compromise with cheap heaters, take full control of your heating

ENERGY EFFICIENT ELECTRIC HEATING



JAWO®

All heaters come as standard with wall mounting brackets and fixings.



JAWO heaters are well known for their outstanding quality "Made in Germany" and hand-made work. The production site of the company is located in Erzhausen near Frankfurt. JAWO heaters are suitable as a full heating system or auxiliary heating for the transitional period of the year, and offer the best possible replacement for a night storage heating system. Thanks to a milestone in control technology, our appliances are equipped with integrated temperature and time regulation as well as with an ECO-function. This saves money and reduces energy consumption. Our qualified personnel will explain in detail how the heating can be adapted to your individual needs and structural conditions. We will be glad to offer you competent consultation, leaving you enough time to decide for yourself.

