



## PERFECT BATHROOM HEATING

With LAVA® BATH 2.0 Infrared Panels



Discover the ultimate in bathroom comfort with **luxurious warmth from our range of LAVA® BATH 2.0 infrared heaters**. These infrared panels are **cost effective to install, offer a modern sleek design, are space-saving, provide superior thermal comfort and have low running costs**.

Infrared heating is the perfect solution for bathrooms, creating a pleasant spa-like climate. The **infrared directly warms your body**, producing a comfortable warm feeling, even when you have to get out of the bath or shower.

The infrared heat is generated by a special heating element with no magnetic field. Once switched on, the infrared panel surface is uniformly heated to a constant 80 °C giving snug warmth within the shortest time. With the heated towel rail, it also provides cosy warm towels. An additional towel rail can be added if required.



The LAVA® BATH 2.0 infrared heaters are particularly efficient and energy-saving. The glass model uses 6mm thick ESG toughened safety glass as well as two temperature limiters to guarantee complete safety in the bathroom, whilst the EMIMAX technology turns the heater surface into an excellent infrared emitter. In conjunction with the even heat distribution on the infrared panel's front surface, the highly insulated rear guarantees a higher efficiency maximising the amount of infrared which is emitted into the room, making the LAVA® BATH 2.0 one of the most efficient infrared panels on the market.



**HEALTHY**

Infrared heating without electromagnetic fields, especially suitable for allergy sufferers.



**ECONOMICAL**

No maintenance costs, operating cost savings due to increased feeling of warmth.



### **EFFICIENT**

Heat is generated where it is needed, 100 % without any loss. Accurate due to individual room control.



### **SUSTAINABLE**

Clean electricity from water, wind and solar power. Self-sufficiency through own power generation.



### **STYLISH**

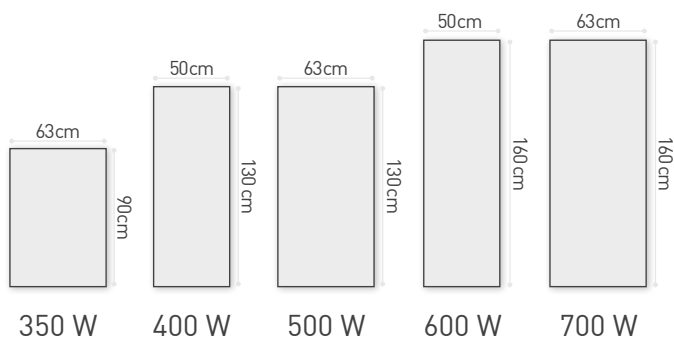
Exceptional design or simply in the background. Individual design possible.



### **AFFORDABLE**

Lower purchase costs than with alternative heating systems.





LAVA® BATH STEEL	✓		✓		✓
LAVA® BATH GLASS	✓	✓	✓	✓	✓
LAVA® BATH MIRROR	✓	✓	✓	✓	✓

# LAVA® BATH 2.0 SURFACES

## LAVA® BATH 2.0 STEEL

## LAVA® BATH 2.0 GLAS



White



White-green



Mirror



Pure white

The LAVA® BATH 2.0 Mirror makes a stylish, energy-efficient addition to any bathroom. This panel combines function with an unprecedented level of heating comfort whilst preventing any mist or condensation from forming on the mirror surface.

The practical Plug & Play connection system on the rear of the LAVA® BATH 2.0 comes with a basic on/off switch and makes it quick and easy to attach the desired controller. For example, direct connection to a hard-wired wall mounted room thermostat (e.g. eTOUCH eco or eTWIST thermostat), easy integration with a wireless programmable thermostat (e.g. LAVA®-F and ET-14A), or direct control on the device itself with the LAVA® Timer (LAVA®-T) giving just two hours of heating at a time.

### INSTALLATION BENEFITS

- + Quick and easy installation reduces the build programme by approximately 1.5 days per bathroom compared with electric underfloor heating
- + Lower installation costs compared to electric underfloor heating and a towel rail (see comparison table below)
- + Avoids the need to install a separate towel rail as the LAVA® BATH is both a room heater and towel warmer
- + Variety of panel surfaces & outputs available:
  - > Powder coated steel (350 W, 500 W, 700 W)
  - > Glass: Pure white/White-green (350 W, 400 W, 500 W, 600 W, 700 W)
  - > Mirror (350 W, 400 W, 500 W, 600 W, 700 W)

### Purchase and Installation Cost Comparison Table (VAT not included)

Heating Products	3.7 m <sup>2</sup> Bathroom	6 m <sup>2</sup> Bathroom	8 m <sup>2</sup> Bathroom
Electric underfloor heating & towel rail	£1,110	£1,389	£1,882
LAVA® BATH 2.0 STEEL	£670 (350 W)	£750 (500W)	£750 (500W)
<b>Saving</b>	<b>£440</b>	<b>£639</b>	<b>£1,132</b>

## OWNER / USER BENEFITS

- + Infrared heating provides better thermal comfort than convection heating as you are directly warmed without the need to heat-up the air. Absorbing the infrared into the skin is particularly relaxing and incredibly comforting especially in a bathroom where little or no clothing is worn
- + LAVA Bath has lower running costs than electric underfloor and electric convection heating (min. saving of 50% and 30% respectively) and a lower carbon footprint (see table below).
- + Maintenance free operation with no requirement for annual servicing
- + Quick warm-up time (approx. 10 mins compared to >1 hour for underfloor heating) means infrared is a more controllable and responsive heating system
- + Infrared takes the chill off tiled floors: floor and wall surface temperature is circa 16°C -18°C
- + The bathroom surfaces and towels dry faster where infrared heating is used
- + No convection currents mean a healthier, less stuffy environment benefiting asthma sufferers and those with respiratory issues
- + The infrared energy remains in walls and bathroom furniture (thermal mass) and continues to radiate heat for approx. 1 hour after the LAVA Bath has been switched off. Heat is more easily lost with underfloor heating, which works mainly through convection and is therefore susceptible to draughts
- + 5 year warranty with a long service life of 20 years +

## Running cost comparison based on average size UK bathroom of 3.7m<sup>2</sup>

Heating Products	Annual Running Cost (incl. VAT)	Carbon Footprint (CO <sub>2</sub> )
Electric underfloor heating & towel rail	£239.62	393 kg
LAVA® BATH 2.0 GLAS 350W	£88.12	145 kg
<b>LAVA® BATH annual saving</b>	<b>£151.50</b>	<b>248 kg*</b>

\* Product lifetime (20+ years) saving of 4.96 tonnes of CO<sub>2</sub>

## BUILDING FABRIC BENEFITS

- + Infrared heating prevents damp. Convection heaters warm up the air and leave the walls cold which can cause condensation when the two come into contact. In contrast, infrared heaters warm and dry the walls preventing condensation and damp occurring which is particularly important in bathrooms.
- + Infrared creates better insulated walls. Infrared penetrates the walls driving any moisture to the surface where it evaporates. Drier walls are better insulators which ultimately leads to long term cost savings through a lower heating requirement and reduced maintenance.

## TECHNICAL DATA

- > Rated voltage: 230 V
- > Power consumption: 350 – 700 W
- > Surface temperature: max. 80 °C
- > Surface: Steel sheet or ESG safety glass 6 mm
- > Device/Installation depth: Steel sheet 26/57 mm or glass 30/61 mm
- > Protection rating: IP X4
- > Connection: Patch cord 1 m
- > Factory warranty: 5 years

## BENEFITS OF THIS PRODUCT

- + High radiant heating effect
- + Frameless Infinity design
- + Plug & Play connection system for easy individual control
- + Various thermostat options as accessories
- + One towel holder LAVA® Halti included and one more is available as accessory.
- + Easy installation - vertical wall mounting only
- + Maintenance free and magnetic field free



LAVA® Halti, stainless steel towel rail

### Contact us for further information or to request a quotation:

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