

Hotbox

Heatwave Bench Heating System

The Hotbox Heatwave is a made-to-measure bench heating system which encourages germination, propagation and growth of seedlings and cuttings by delivering constant, uniform heat to the base of seed trays and plant pots.

Optimum growing temperature

Precise thermostatic control from 6 to 38°C.

Easy to install

On the ground or on benches. Just plug in and plant up.
Polystyrene base is required.

Energy efficient

Inexpensive to run (consumes just 0.15 Kw per m² per hour at maximum rating)

Durable construction

Reliable, high-quality manufactured in our UK factory.

Flexibility

Operate more than one Heatwave from a single control system (series link).

Danish Trolley Heatwave – Shelf Heating System

Can be manufactured to fit Danish Trolley shelves – Use trolleys for germination and propagation.

Ultimate flexibility – Control temperature of Heatwaves individually or by using one controller.



Technical Specifications

Size & Voltage

Built to your specification – no cold spots, no waste.

Installation

Lay on 50mm thick polystyrene base, capillary matting optional (supplied by Hotbox).

Power

Fitted with compliant plug for country of use.

Construction

Aluminium foil base with PTFE elements.
Meets all European standards.

Note: We do not recommend submerging or getting the heatwave panel really wet as it is splash proof only – IP44 rated

Protected by Hotbox's 12 months warranty.



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Hotbox Heatwave

Bench Heating System



Heat Distribution

The heatwave root zone heating system is the only method available that can guarantee an even spread of heat across the entire surface. Each panel is manufactured individually, ensuring the correct balance of circuit resistance and positioning. This ensures no cold or hot spots – just an even temperature.

Seed Trays

The seed trays are warmed from below and held at a constant temperature during the propagation process, ensuring rapid, consistent and strong growth of seeds and cuttings.

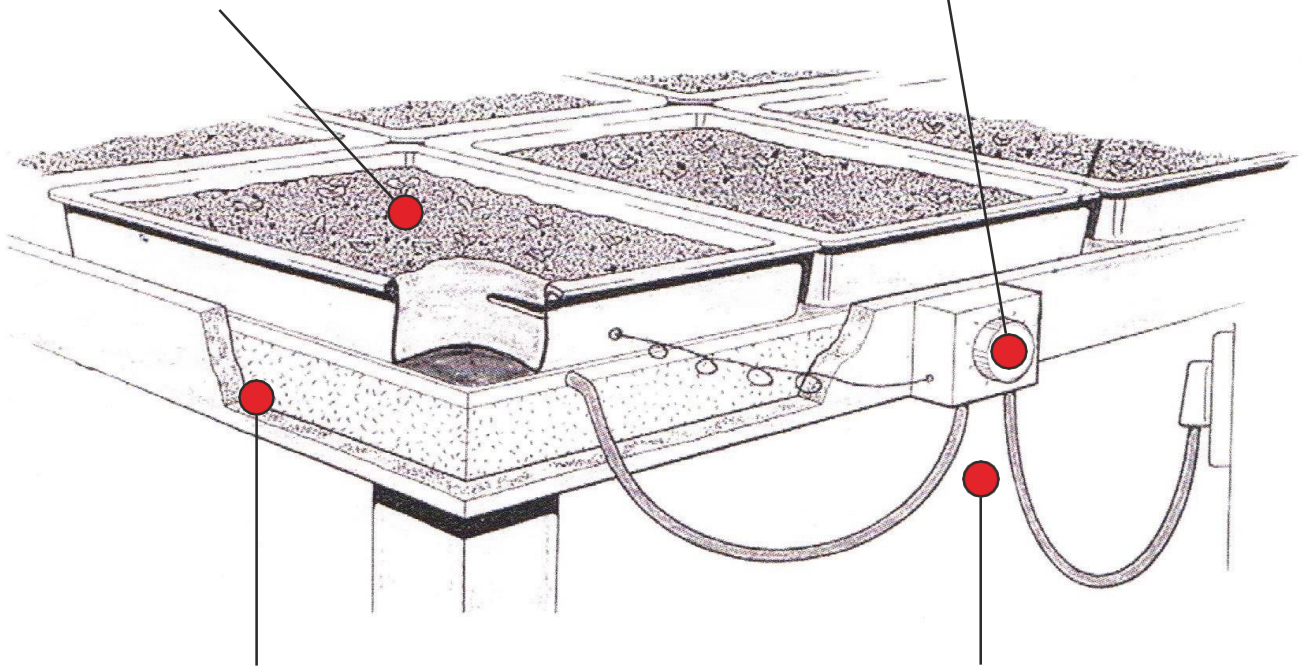
Durability

The heatwave is manufactured with an aluminium foil base and elements coated in PTFE, ensuring both safety and durability. The panels are fully earthed and meet all European standards. They also comply with the requirements for many other countries.

Heatwaves will last a long time if looked after. For example, the first products, built in 1986, are still being used in a commercial environment today.

Aluminium Heating Element

The Heatwave aluminium panel is laid over the polystyrene to offer uniform distribution from the internal heating elements. Wattage is 150W/m².



Insulation

A layer of polystyrene is placed over the worktop base to ensure that no heat is lost and that all heat is distributed into the soil trays above. A thickness of 3-5cm is recommended (1.5"-2").

Consumption/Voltage

Heatwave is standardised at 150W/m². This can be altered to suit different climates and regions. Please ask us for advice. For example, Heatwave is supplied at a higher wattage for Iceland, but lower for Zimbabwe. Hobby Heatwaves are supplied with a factory-fitted plug for any country and for any voltage from 100V-230V – a truly versatile product.

Thermostat and Sensor

A thermostat sensor is inserted in the root zone, and this measures soil or compost temperature. The thermostat can be set for temperatures between 6 and 38°C, depending on your selection of plants for propagation.

Easy Installation

Heatwave can be used on the ground or on any standard aluminium or wooden benching. No sand is used, so no heavy bench materials are needed.