

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 38oC.

Easy to install

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

Energy efficient

Inexpensive to run.

Durable Construction

Reliability built in.

Flexibility

Operate more than one heatwave per thermostat up to a maximum of 20m2. A switch can be fitted to the thermostat to control two heatwave mats as 'master and slave', allowing one mat to be turned off when not required.

Danish Trolley Heatwave - shelf heating system

- Designed to fit Danish Trolley shelves - Use trolleys for germination and propagation
- Ultimate flexibility - Control temperature of Heatwaves or by using one control



Technical Specifications

Size & Voltage

Built to your specification - no cold spots, no waste

Installation

Lay on 50mm thick polystyrene base, capillary matting optional

Power

Fitted with compliant plug for country of use

Construction

Aluminium foil base with PTFE elements

Note: meets all European standards



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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 calculated individually, ensuring the correct balance of circuit resistance and positioning. This results in 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 from seeds and cuttings.

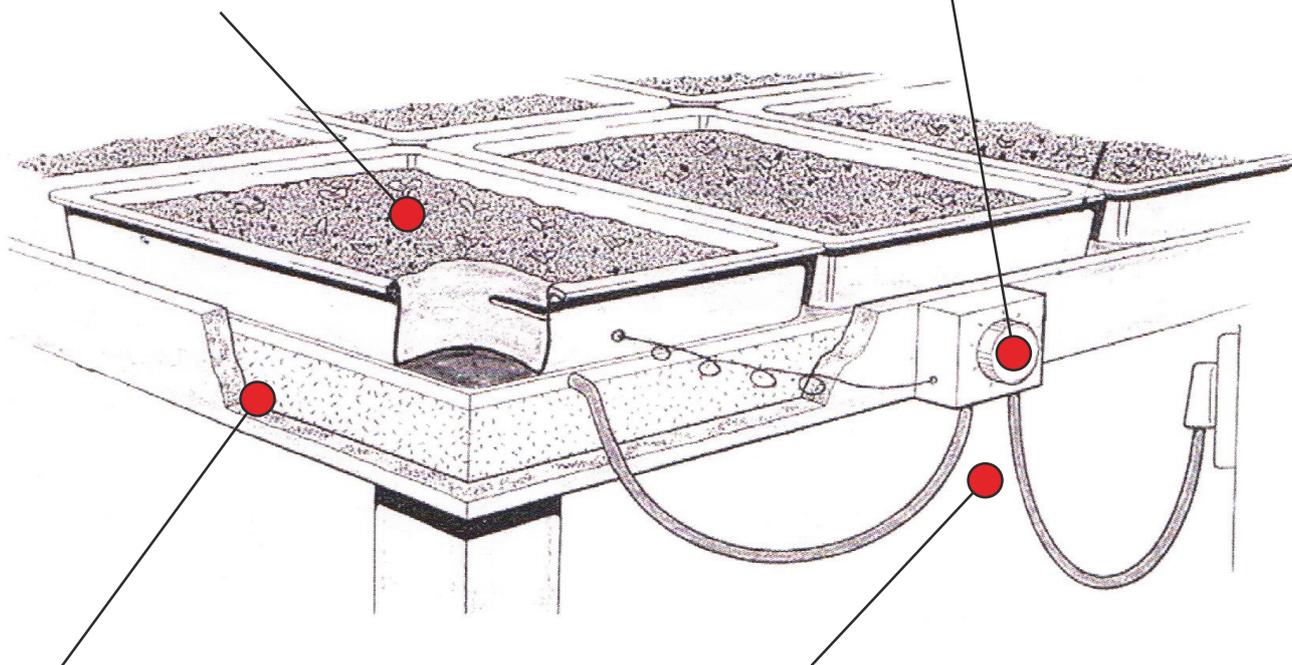
Durability

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 19856, are still being used in a commercial environment today.

Aluminium Heating Element

The Heatwave aluminium panel is layed 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. Ideally this should be 3-5cm thick (1.5"-2").

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 38oC, depending on your selection of plants for propagation.

Consumption/Voltage

Heatwave is made for the British climate at 150W/M2. This can be altered if ambient conditions are different from the norm. Please talk to 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.

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.