



HEATWAVE

Electric Root Zone Heating

Bottom heat system to give your plants the best start in life

Panels can be used on benches or on the ground. The system is simple to install and requires no specialist knowledge, just an electrical socket. Tried and tested for over 18 years in 45 countries, plants cannot have a better start.

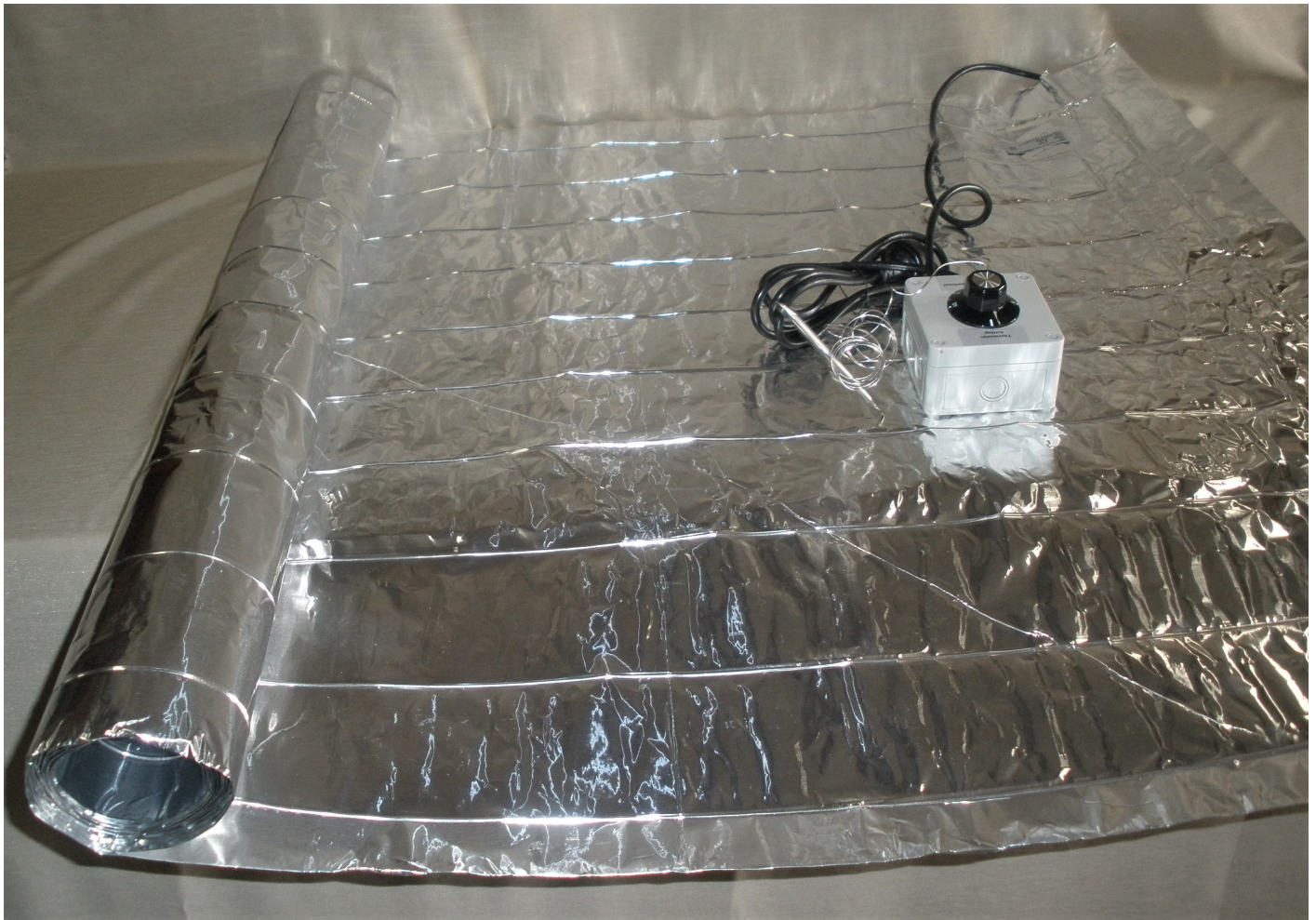
The heating element is laminated between sheets of foil, which spread the heat evenly, giving excellent seed germination and a high striking rate for the propagation of cuttings. The entire foil panel is connected to 'Earth', offering complete safety.

Thermostats are factory connected with a compliant plug dependent on the country of use. Two or more panels can be connected to one thermostat if desired depending on the total wattage. Normally made at 150 watts per sq. metre (15 watts per square foot), but can be made to any output. Available in any voltage (eg. 110, 240 volts).

Installation is simple. First lay approximately 50mm (2") thick polystyrene as a base, then lay the Heatwave on top, cover with polythene and if desired capillary matting to give a little protection. Plug in and plant up.

QUICK FACTS

- Made to Measure (length, Width).
- Choose your heat output.
- Even Heat Distribution
- Foil on both sides
- Easy to install
- Used in 45 different countries.
- Produced for over 18 years.
- First production units still in use on a commercial nursery.
- Salad crops, tubestock, forestry, nursery stock, cut flowers.



HEATWAVE FEATURES

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, resulting in NO cold or hot spots, just even temperatures.

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").

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.

CONSUMPTION/VOLTAGE

Heatwaves are made for the British climate at 150W/M². This can be altered if ambient conditions are different to the norm. Please talk to us for advice. For example, Heatwaves are 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.

SEED TRAYS

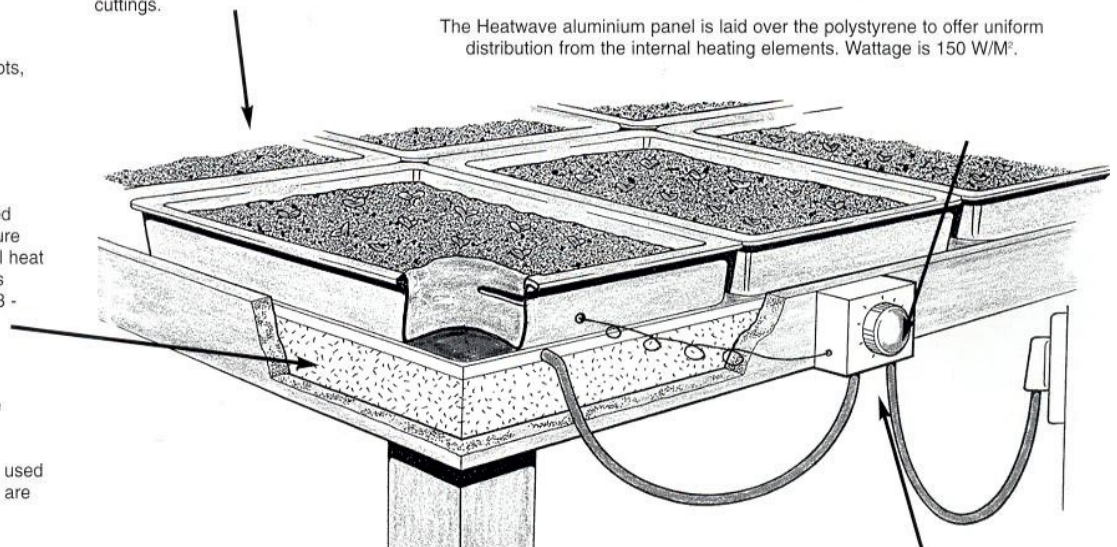
The seed trays are warmed from below and held at a constant temperature during the propagation process, ensuring rapid and strong growth from seeds and cuttings.

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 the European Standards. They also comply with the requirements of many other countries. Heatwaves will last a long time if looked after. The first ones manufactured in 1985 are still being used in a commercial environment.

ALUMINIUM HEATING ELEMENT

The Heatwave aluminium panel is laid over the polystyrene to offer uniform distribution from the internal heating elements. Wattage is 150 W/M².



THERMOSTAT & 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° depending on your selection of plants for propagation. Graduation is in degrees centigrade (celsius).