



Hotbox Propagator

- The Hotbox Propagator delivers accurate, uniform heat to the base of the seed trays, to promote the germination of seeds or root cuttings
- *Simple to put together – comes part built but some parts require connecting
- **Energy efficient** – inexpensive to run, no need to heat the whole greenhouse
- **Optimum growing temperature** – precise thermostatic control from 6 to 38°C
- **Durable construction** – reliability built-in
- **Space saving design** – overall dimensions length 1.5m, width 0.75m
- The Propagators aluminium base which encloses the heating element ensures that seed-trays receive accurate and uniform heat for propagation.
- The thermostat sensor is placed into the growing medium to obtain the correct temperature for maximum germination and rooting rates.
- The Polycarbonate top (which is assembled on site) will protect the young plants and provide a mini climate several degrees higher than the surrounding temperatures in the greenhouse. Therefore there may not be any need for additional background heating in the greenhouse.



Technical Specification

- **Voltage:** 110V or 230V
- **Power:** 165W
- **Thermostat:** 6 to 38°C
- **Capacity:** up to 12 seed trays
- **Size:** length 1.5m, width 0.75m
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Colm Warren Polyhouses
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Hotbox Grow box

Hotbox Thermabed is a water-based system for root zone heating. Made to measure and designed to encourage germination and propagation, Thermabed is ideal for areas of 50m² or larger.



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- **Optimum growing temperature** – precise thermostatic control from 6 to 38oC
- **Quick and easy to install** – on the ground or on benches
- **Energy efficient** – inexpensive to run on gas, oil, solid fuel or bio-fuel
- **Durable construction** – reliability built-in
 - **Simple design** – low maintenance costs
 - The Hotbox Thermabed system consists of moulded expanded polystyrene panels which fit together to form the required area. These panels have a channel which forms a continuous loop into which a flexible water pipe is fitted. The unique design is arranged so that the water inlet pipe and the water outlet pipe run side by side, thus providing a uniform temperature over the entire surface.
 - The Hotbox Thermabed system comes complete with polystyrene panels, flexible piping, inter connectors and BSP Valves. The system is made to measure and panels will be cut in house to the width required. We can also help with your boiler requirements and installation queries.
 - The Hotbox Thermabed is used for propagation and for maintaining correct rooting temperatures of all crops. A simple application of cooled water into the pipework turns the Hotbox Thermabed system into a root-zone cooling system.
 - Where controlled distribution of temperature is required, Hotbox International Ltd. can supply highly accurate thermostats. For uniform heat distribution, we can supply heavy duty aluminium foil to cover the Thermabed surface.
 - The Hotbox Thermabed system can be covered with a variety of materials depending upon the crop to be grown.
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Technical Specification

Thermabed is constructed from made to measure expanded polystyrene panels containing channels into which a flexible water pipe is fitted. Water inlet and outlet pipes run side by side to achieve a uniform temperature over the entire surface. The system can be covered with a wide range of materials depending on the crop to be grown.

Hotbox Grow box