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HOTBOX MISTRAAL CIRCULATION FANS

Air circulation is one of the most important factors within the greenhouse for controlled growing. Controlled Air Circulation in glasshouses and polythene tunnels can:

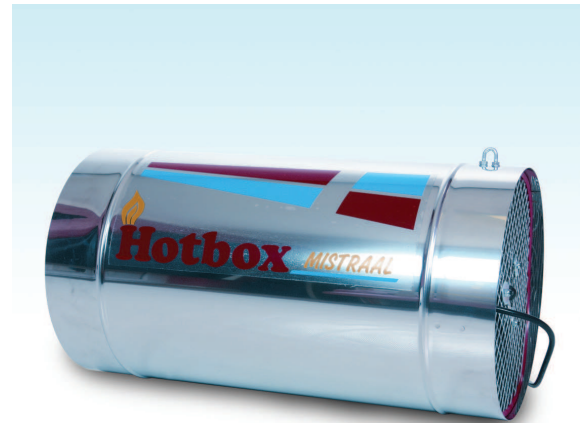
- Help to prevent botrytis and mildew
- Improve heat distribution and carbon dioxide take up
- Reduce condensation
- Remove temperature gradients

Hotbox Mistraal Circulation Fans are manufactured from robust stainless steel, with sealed 'oiled for life' motors to IP34, they are designed for maintenance free continuous running.

Mistraal 5 - Air Movement 900m³/h - Suitable for areas up to 100m²

Mistraal 10 - Air Movement 1600m³/h - Suitable for areas up to 200m²

Mistraal 24 - Air Movement 4000m³/h - Suitable for areas up to 500m²



HOTBOX SULFUME SULPHUR VAPOURISERS

The only sulphur vapouriser with the unique Hotbox temperature regulation system.

- Automatic temperature control
- Cannot overheat
- Optimum vapourisation - vaporises less than 1 gram of sulphur per hour
- Made in Stainless Steel
- Unaffected by voltage variations
- Can be used on any voltage worldwide: 100, 110, 220, 240, 250v

Temperature regulation is important to ensure the sulphur is vapourised at just the right temperature. The Hotbox Sulfume cannot produce oxides of sulphur. Sulphur in greenhouse will prevent damage to crops by Powdery Mildew and Black Spot. It will also prevent the spread of other fungal diseases as the fungal spores cannot spread in the sulphurous atmosphere. Other greenhouse pests such as Spider Mite can also be controlled by vapourising sulphur.





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HOTBOX GROWBOX

A bench top, enclosed propagation cabinet designed for plant propagation and seed germination. Provides an enclosed, controlled environment as required for rooting of cuttings and seed germination. Simple installation – plug in and plant up.

- Simple Installation – plug in and plant up
- Optimum growing temperature – precise thermostatic control with the choice of electronic controller
- Supplementary lighting – fully waterproof with 3 control options, basic, timer and electronic timer
- Fogging – to maintain the humidity level at higher than ambient
- Capacity: Up to 12 seed trays
- Size: Length 1.5m, width 0.75m

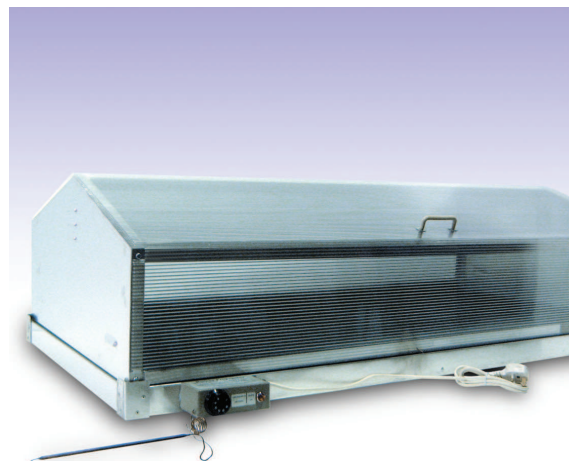


HOTBOX PROPAGATOR

The Hotbox Propagator delivers accurate, uniform heat to the base of the seed trays, to promote the germination of seeds or root cuttings.

- Simple installation - plug in and plant up
- 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.



HOTBOX HEATWAVE

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
- Energy efficient - inexpensive to run
- Durable construction - reliability built-in
- Flexibility - operate more than one Heatwave from a single thermostat control

INSTALLATION... This system is very simple to install and requires no specialist knowledge, just an electrical socket. The Hotbox Heatwave Panel can be used on the ground or on any standard aluminium or wooden benching. First lay approximately 30-50mm thick polystyrene as a base, (this ensures no heat is lost and that all heat is distributed into the soil trays above) then lay the Heatwave on top, cover with polythene and capillary matting if desired to give more protection. Plug in and plant up!

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. The heating element is laminated in sheets of foil, resulting in no cold or hot spots, just even temperatures. 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.



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THE GAS HOTBOX E

The Gas Hotbox is a greenhouse heater which operates on either propane or natural gas. Thermostatically controlled, it is ideal for providing heat up to approximately 100m². Of lightweight, durable construction, the Gas Hotbox is portable, easy to use and energy efficient.

- Non electric - no need for additional electricity supply
- Flame safety valve - guarantees safe operation
- Precise thermostatic control - automatically protects against frost, and maintains optimum growing temperature
- Low running cost - runs on propane or natural gas
- Easy installation - attach gas supply and switch on

The Gas Hotbox E is controlled by an electric thermostat which provides greater accuracy, resulting in enhanced fuel economy. If an electricity supply is available, the Gas Hotbox E is the most economical heater of its kind on the market.



THE HOTBOX SUPERB (dual output fan heater)

The Hotbox Superb is a 2.8kW electronically controlled fan heater. With winter and summer settings, it can help to keep your glasshouse cool or warm depending on the season.

- Half and full heat settings - ensures maximum fuel economy
- Fan only setting - use purely for air circulation in the summer
- Fitted with feet and hanging loops - easy to install in the optimum position
- High output fan (250cfm, 450m³/hr) - moves air quickly and efficiently
- Remote temperature sensor - ensures accurate control
- Stainless steel construction with sealed elements - built to withstand challenging, humid conditions

