

# Propagation Bottom Heat Packages

100525esc

## The economical way to germinate seeds.

*These mats use less than 20 watts per square foot and thus are more energy efficient than electric cables and old higher wattage mats. This mat will provide uniform heat, because it is a continuous sheet heater, not coiled wires imbedded in a mat.*

*We recommend using a thermostat to regulate the temperature of the mat.*

1) Select a germination area that is normally heated to within 15°f of the temperature you need to germinate your seeds. For best results use a 3tray, 412 or 812 propagation system so the mats will lie flat.

2) Place the mat on top of 3/4" plywood. Be sure the top surface of the propagation mat faces up (the surface with the label). The electrical nodes sit just off the table (illustration on next page).

3) Cover the mat with a plastic sheet, than and aluminum screen which is grounded, next another plastic sheet.

4) The screen can be grounded to any electric ground or the bolt on the FT-15 thermostat if you are using it. **KEEP THE MAT DRY.**

5) Keeping the mat dry will extend its life and reduce the possibility of electrical shock.

6) Place the propagation trays on top of the plastic. Space them evenly if they don't cover the mat completely.

7) Plug the mat into the thermostat to maintain the desired temperature for the seedlings. With the thermostat in place, put the temperature sensing bulb in contact with the medium. **MATS MUST BE PROTECTED WITH A GFI ELECTRICAL CIRCUIT.**

**CAUTION: PUNCTURING OF THE PROPAGATION MAT OR MISUSE MAY CAUSE AN ELECTRICAL SHOCK OR EVEN A FIRE. DO NOT FOLD OR CREASE THE MAT OR EXPOSE TO HIGH GREENHOUSE TEMPERATURES.**

### 3tray Bottom Heat Package:

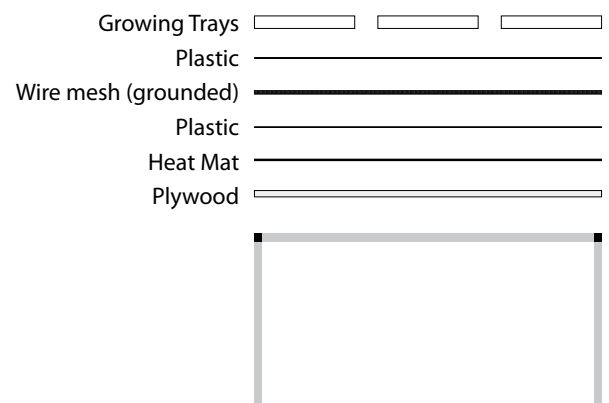
- (2) OP-110 22"x44" heat mats
- (1) FT-15 Thermostat

### 412 Bottom Heat Package:

- (2) OP-110 22"x44" heat mats
- (2) OP-175 22"x96" heat mats
- (1) FT-15 Thermostat

### 812 Bottom Heat Package:

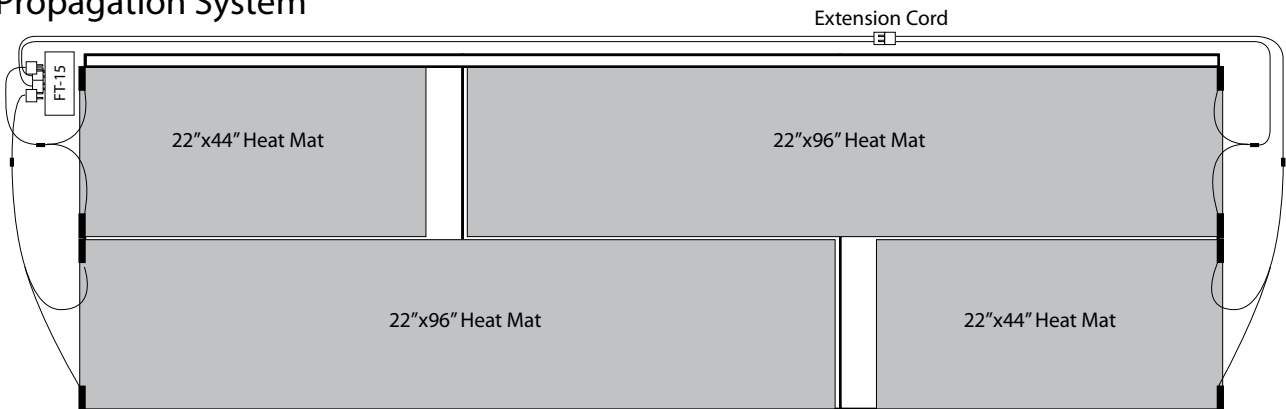
- (4) OP-110 22"x44" heat mats
- (4) OP-175 22"x96" heat mats
- (2) FT-15 Thermostat



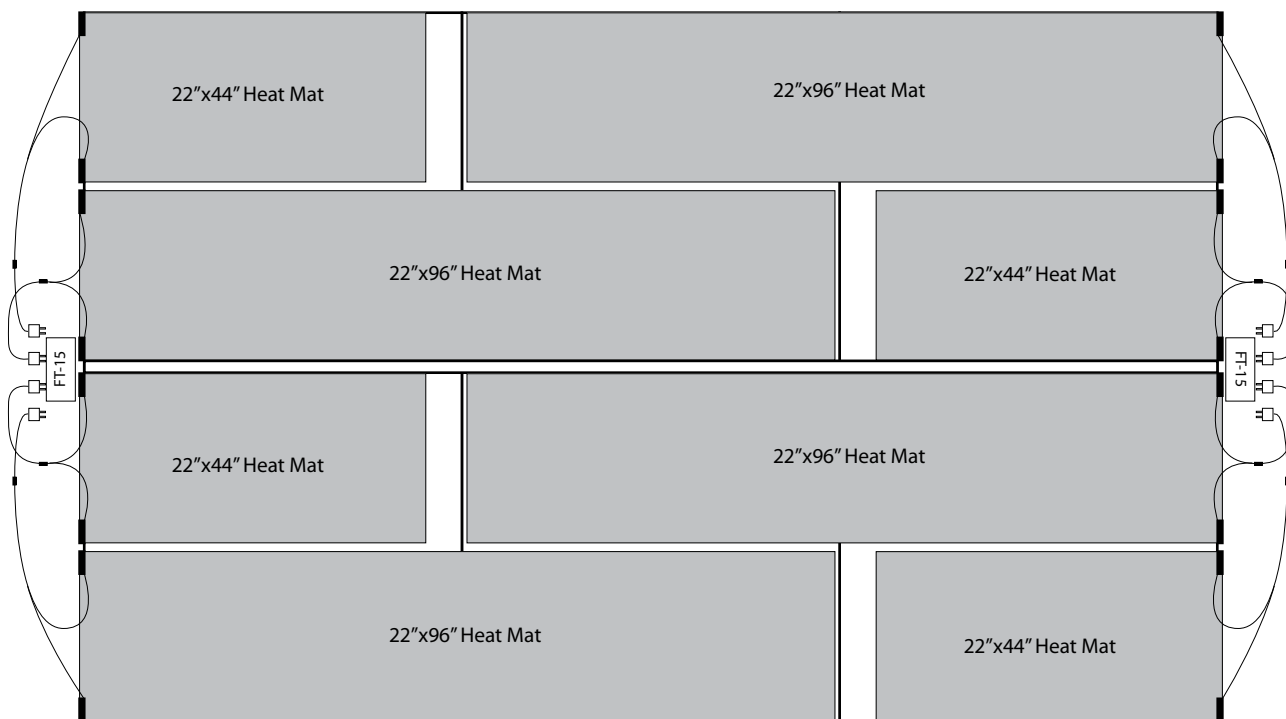
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## 412 Propagation System



## 812 Propagation System



## 3tray Propagation System

