HMB Quick Start Guide

USER MANUAL

Phason electronic control systems www.phason.ca

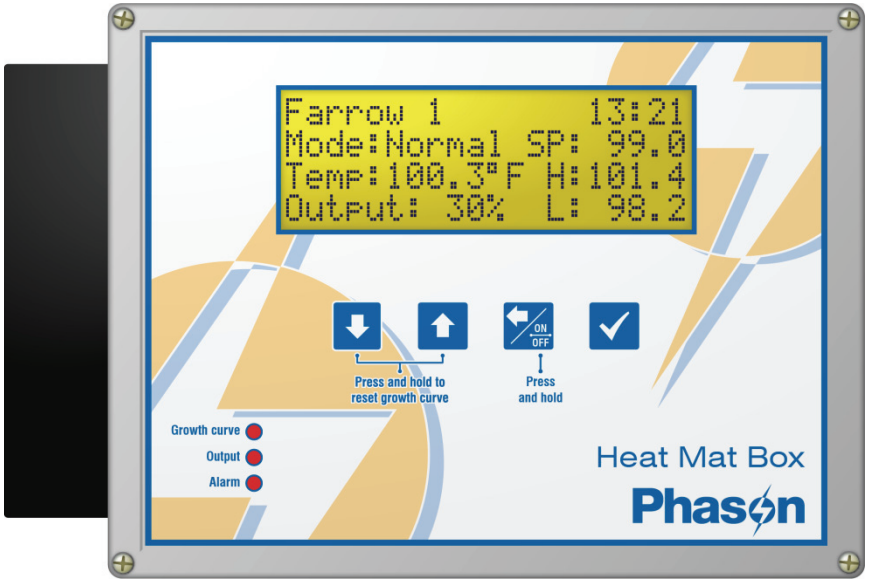
Button names and functions

Down
Press to move down or decrease a value.

Up
Press to move up or increase a value.

Back
Press to go back to the previous item or screen.
Press and hold to switch the control on/off.

Select
Press to select an option or accept a value.



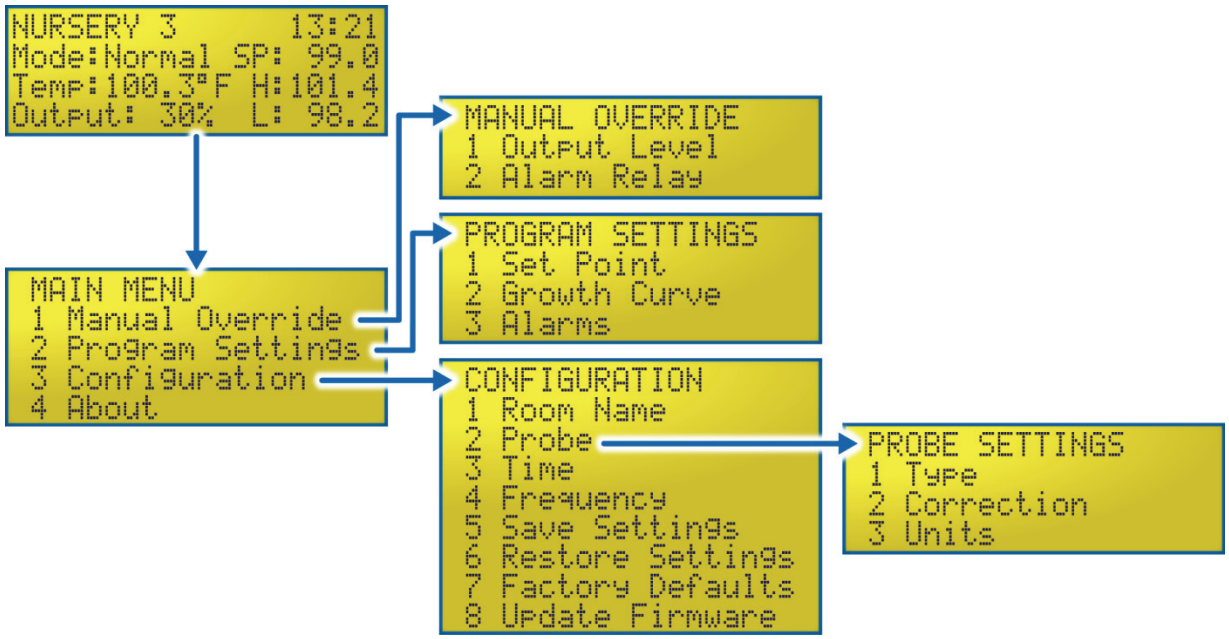
Configure these items for initial setup

- ◇ Room name
- ◇ Temperature probe
  - Type
  - Units
  - Correction
- ◇ Time
- ◇ Frequency

Program and adjust these items for heat mat operation

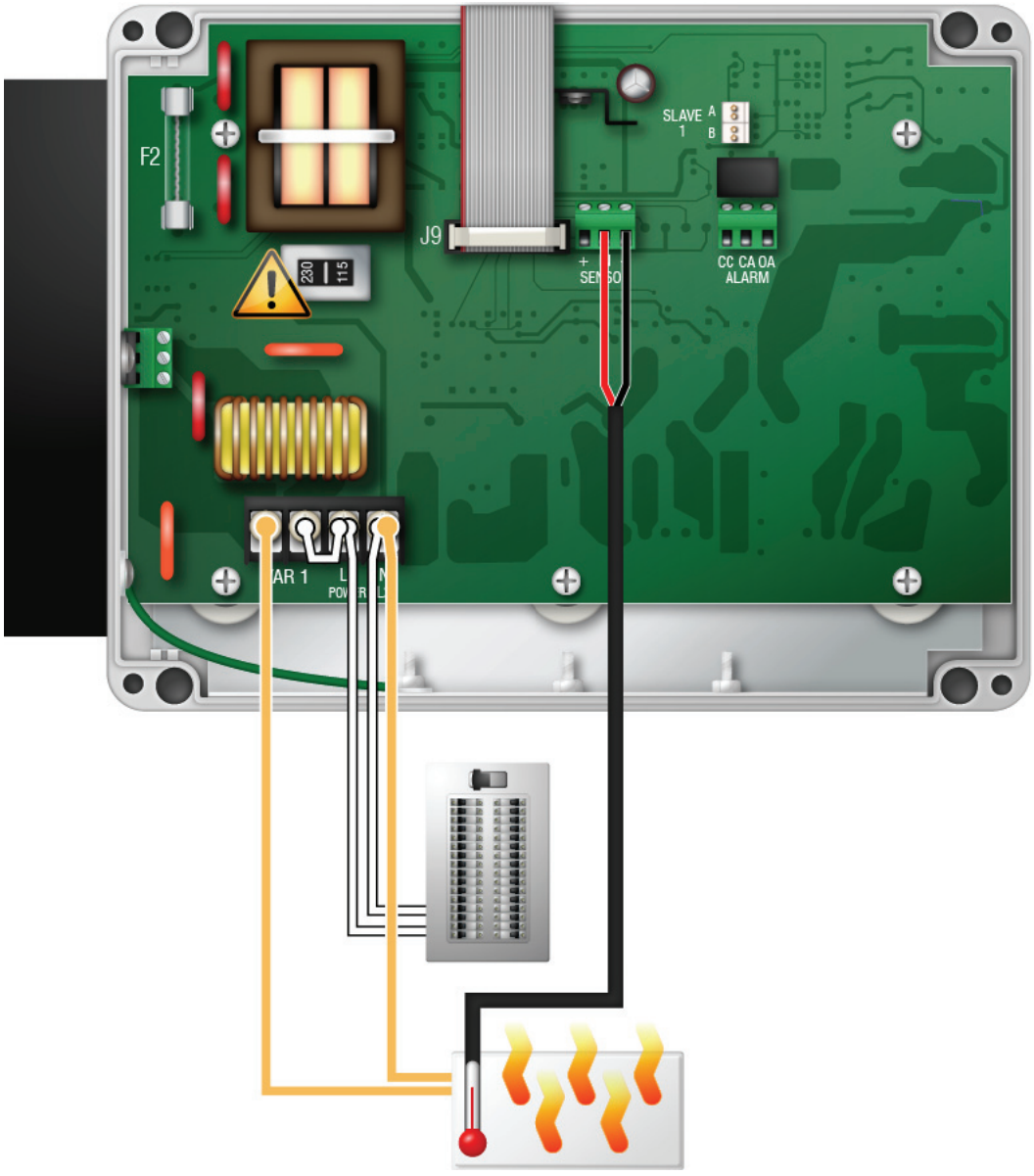
- ◇ Set point
- ◇ Growth curve
  - Enabled or disabled
  - Current day
  - Restart day
  - Up to 6 steps (start day and temperature)
- ◇ Alarms
  - High temperature
  - Low temperature
  - Probe fail
  - Power fail

Main display and menus



Installation

Power and heat mat connections

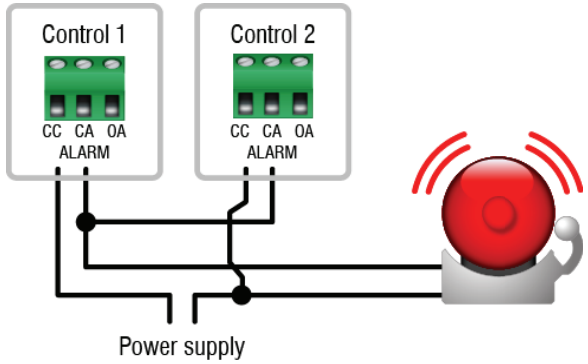


Electrical ratings

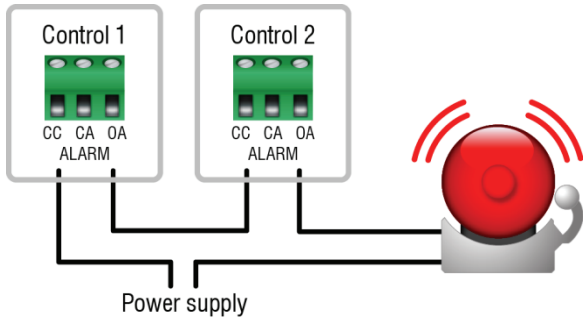
- **Input power:**
  120/230 VAC, 50/60 Hz
- **Input fuse:**
  250 V, 1 A fast-acting glass
- **Variable AC:**
  20 A at 120/230 VAC, general-purpose resistive
  2300 W at 120 VAC; 4600 W at 230 VAC
- **Alarm relay:**
  0.4 A at 125 VAC; 2 A at 30 VDC, resistive load
  0.2 A at 125 VAC; 1 A at 30 VDC, inductive load

Alarm connections

Normally OPEN system (closed on alarm)



Normally CLOSED system (open on alarm)



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Phason electronic control systems

Customer support options

Forum	www.forum.phason.ca
E-mail	support@phason.ca
Phone	204-233-1400