ENERGYMIZOR
Quick Reference Guide

INTRODUCTION
The Operation Display

```
(A)      (B)           (C)          (D)
 !                      *            (
┌─────────────────────────────────────┐
│  30       OFF      20  ⟵─── 10       │
│                                      │
│  MON     01  JAN        12 : 11      │
└─────────────────────────────────────┘
(E)      (F)       (G)          (H)
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(A)   Current temperature display (˚C)
(B)   Current mode of panel (OFF-AUTO-HEAT-VENT)
(C)   Day set temperature
(D)   Night set temperature
(E)-(H) Today's date and time (e.g THU 02 MAR 11:07)

These locations will be referred to in the instructions only as a visual guide to assist in panel set-up procedures.

CONTROLS

The basic functions are controlled by the following buttons labelled as:

⊙━━ : Activates menus and scrolls through feature menus.

◀▲▶ : ◀▲▶ to scroll across the features. ◁▲▷ to change selection.

√ : Confirms adjusted settings.

⚠ Please note in set-up, if no buttons are pressed for 45 seconds the display saves the current setting and returns to initial display mode.

SETTING THE PANEL

1. ADJUST THE CLOCK TO CURRENT DATE/TIME

• Press ⊙━━ scroll ◁▲▶ to MON (E) select day by using ◁▲▷. Then press ◁▲▶ to 01 (F). Select date by ◁▲▷. Press ◁▲▶ to JAN (G) Adjust month. Press ◁▲▶ to 12:00 (H) and set time in hours and minutes in the same way.

• To confirm new date/time setting press √.

2. SETTING THE REQUIRED DAY& NIGHT SET TEMPERATURES (˚C)

• Press ⊙━━ . Press ◁▲▶ once to DAY set temperature (c). Adjust to required using ◁▲▷. Press ◁▲▶ once to move to NIGHT set temperature. Adjust to required using ◁▲▷

Note:
The control panel defaults a temperature range of 16-22˚C for DAY and 0-10˚C for NIGHT to alter these refer to section 10.

• Temperature settings can be confirmed at this stage by pressing √

3. SETTING OPERATION MODE

• Press ⊙━━ . The 'OFF' in position (B) will flash. Adjust to desired mode of operation by pressing ◁▲▷ each time to scroll through the choice of HEAT-VENT-AUTO or OFF.

• For initial set up is recommended to set to AUTO (press ◁▲▷ 3 times).

• Press √ to confirm mode of operation.

4. SETTING HEATER OPERATION TIMES

Note:
The panel has 4 On and 4 OFF periods for heater operation. These can be set for individual day periods or in day 'blocks' of MON-SUN and MON-FRI.

To set heater operation times do the following:

• From the standard display. Press ⊙━━ twice, the screen defaults to [ADVANCE / OFF] Press ◁▲▷ to set to ON.

• Press ⊙━━ again to first select day/dayblock (E) by using ◁▲▷. When selected press ◁▲▶ to I1 (G)

Note:
I1 is the first on time.

If you wish to enter the first ON period ◁▲▶ to (H) and enter times accordingly using ◀▲▶. Once set, scroll ◀▷ back to I1 (G) and ◁▲▷ to select 01 (i.e first OFF time). Scroll ◁▲▶ to set time in the same way.

Note:
There are 4 ON times and 4 OFF times. Simply repeat the process scrolling through I1,01....I4, 04.

• Once all ON/OFF times have been set Press √

5. OPTIMUM START

- It is recommended that Optimum Start is selected as the control panel will optimise the most productive start-up time against the ambient conditions in the building, and so reduce unnecessary heater operation - reducing costs.

TO SET OPTIMUM START

- Press 🔑 13 times to display.

| ADJUST |
| PREHEAT MODE 02 | Use ◁ ⬍ ▷ to select either 01 or 02.

- 01 Manually overrides Optimum to start to a set time period of PREHEAT (see section 6).

- 02 (Recommended). Allows Optimum Start to take into account ambient conditions within the building.

- Press √ to confirm.

6. SETTING MANUAL PREHEAT TIMES

- Following section 5 after selecting 01 press 🔑 once more to allow manual pre-heat time to be set.
Scroll ◁ ⬍ ▷ to (H) time display enter hours/mins using ◁ ⬍ ▷ to scroll and ◁ ⬍ ▷ to adjust.

Note:
30 Minute increments - max 4 hours.

- Press √ to confirm.

7. VENTILATION MODE

- If operation mode is set to VENT (see section 3). The heater will operate in ventilation mode only. Press 🔑 11 times to display | ADJUST / V3 = VENT | Use ◁ ⬍ ▷ to ensure VENT is selected.

- If operation mode is set to AUTO (see section 3). The heater can automatical switch from heat to ventilation mode based on a temperature controlled basis, using the heating/ventilation differential setting (see section 8).

8. SETTING DESIRED TEMPERATURE DIFFERENTIAL (dead band)

- Press 🔑 7 times to display:

| ADJUST |
| HEAT <6> VENT | The default temperature differential is set to 6°. Between 2 - 9°C can be selected using ◁ ⬍ ▷

- Press √ to confirm.

- Now press 🔑 11 times to display:

| ADJUST |
| V3 = V1 | Use ◁ ⬍ ▷ to ensure V1 is selected.

Note:
This feature only operates when the operation is set to AUTO or VENT mode. In HEAT mode it will not operate.

9. FROST PROTECTION

To set the desired temperature for frost protection

- Press 🔑 6 times to display:

| ADJUST |
| FROST TEMP 04 | Use ◁ ⬍ ▷ to adjust temperature (°C).

- Press √ to confirm.

10. ADJUSTING DAY TEMPERATURE BAND
(see section 2. Setting DAY/NIGHT set temperature)

- Press 🔑 15 times to display:

| ADJUST DAY C |
| FROM 16 TO 22 | Use ◀ ⬍ ▶ to adjust to required band.

- Press √ to confirm.

Note:
Adjusting night temperature band is adjusted in the same way by pressing 🔑 again once step 10 is complete.

Appendix

FOR DETAILS ON

- PASSWORD SET UP
- MASTER/SLAVE CONFIGURATION
- GM44 INTERFACE
- ADJUSTING HIGH FIRE TIME
- CLOCK 1 HOUR ADJUSTMENTS
- HOLIDAY PROGRAMMABLE FEATURES
- YEAR AND LANGUAGE SETTINGS.

Please refer to full operation and instruction manual.

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