

EVSA AUTOMATIC STORAGE HEATERS

HEATZONE STMG and early EV - THS models

SHORTFORM OPERATING INSTRUCTIONS (All models except THS/STM 085)

The EVSA automatic storage heaters have 3 control knobs located on the right hand side panel.

These are marked, from top to bottom:

- **OUTPUT** (Manual and automatic versions)
- **INPUT** (Manual and automatic versions)
- **COMFORT** (Automatic versions only – designated by letter **A** after model type).

In all cases turning the knob **ANTI-CLOCKWISE** turns the function to **MINIMUM / CLOSED***. Turning the knob **CLOCKWISE** turns the function to **MAXIMUM / OPEN***.

(* this refers to the **OUTPUT** control which is a thermo-mechanically activated sliding damper which is **CLOSED** in the full **ANTI-CLOCKWISE** position and **OPEN** in the fully **CLOCKWISE** position.)

- **OUTPUT**

During the off-peak charging period **it is not necessary** to turn this knob to the **CLOSED (anti-clockwise)** position. As the heater is charged, the damper will automatically move to the closed position. Following the charge period, the damper will gradually open to its previously set position as the heater core gives up its heat. Note, the damper will not immediately start to open but only following a period of time.

If the damper is not fully open and more heat is required to be released, turn the knob in a **CLOCKWISE** direction to further open the damper. Conversely, if it is desired to reduce the flow of warm air through the outlet grille, turn the knob **anti-clockwise**.

- **INPUT (Thermostat control)**

The reference point to which the knob is turned is **ABOVE** the knob.

It is recommended this is turned to the maximum position (fully **CLOCKWISE**) and left in that position at all times. Turning the knob back to the fully anti-clockwise position will switch off the heater.

- **COMFORT (Thermostat control)**

The reference point to which the knob is turned is **BELOW** the knob.

The purpose of the comfort control is to allow the heater, during the charge period, to trip in or out (charge cycling) depending on the ambient temperature in the room. This prevents excessive heat being stored in the heater's core relative to ambient conditions and reduces electricity consumption.

The knob is variable between 4 positions: ▼ (OFF); 1, 2 and 3 where 3 is **MAXIMUM**

Turning the knob to ▼ will switch the heater off.

In position 3 the heater will remain permanently ON during the charge period and therefore will not charge cycle. This may be recommended during very cold weather.

In normal winter weather conditions, it is recommended to turn the knob to approximately $\frac{3}{4}$ fully clockwise so that a point between 2 and 3 is pointing **VERTICALLY DOWNWARDS**.