



Operation

The heater has two operating modes:

1. Fan, displays **35C** (also known as Air condition mode)
2. Heater displays temperature P 01 to **P 07**

Switching Modes

Press **On/Off** (wakeup)

Out of Box, 35C is displayed (Fan or Air Condition mode)

Within 5s Press **On/Off** again

Press **^** & **v** at same time

"P 07" (heater mode) displays temperature setting range of P 01 to P 07 (min to max)

Note: your last change becomes the default

Heater Startup

Press **"On/Off"** - **"P 07"** is displayed

Press **"On/Off"** - **"P 07"** & **"Flame"** icon is displayed

Turn heater Off

Press **"On/Off"**

The **"Flame"** icon goes out shortly followed by the **Temperature** display

Please note: the fan will continue to run until the heater has cooled and has no display.

Changing the temperature

Time is required for the heater to get to desired temperature

Adjust temperature using **"^ & v"**

Minimum is **"P 01"** to maximum **"P 07"**

Preset remaining heating timer

Press **"P"** & **"v"** at the same time

Adjust hours using **"^"** & **"v"**

Press **"P"** to confirm

Adjust minutes using **"^"** & **"v"**

Press **"On/Off"** & count down timer led lights up

Press **"P"** to confirm

Confirm led icon lights up

Temperature (**"P 07"**) & Display **timer** starts counting down. When time is up the display goes out. The fan continues to run until such time as the heater has cooled.

Preset heater timer

e.g. Start in 8hr & 10min time set to P05 for 15min.

Preset time in hours & minutes to Start time

Press **"P"** twice

Adjust hours using **^ & v** & set to **08:00** (Flashing)

Press **"P"** for next

Adjust minutes using **^ & v** & set to **08:10** (Flashing)

Press **"On/Off"** to confirm, confirm led displayed

Press **"P"** for next

Preset temperature

Adjust temperature using **^ & v** & set to P05 (Flashing)

Press **"On/Off"** to confirm, confirm led displayed

Press **"P"** for next

Preset heater on time in hours & minutes

Adjust hours using **^ & v** & set to **00:00** (Flashing)

Press "**P**" for next
Adjust minutes using **^** & **v** & set to 00:15 (Flashing)
Press "**On/Off**" to confirm, confirm led displayed
Press "**P**" final confirmation.

Displays timer icon and alternate flashing of Start Time & temperature.
Shortly after the display goes out until start time then alternate flashing of temperature & count down time.

Power Usage

Startup peaks about 12 amps (approx 150 watts) for about a minute. Then settles to about 8 amps (about 96 watts) for about a minute. **Running** between 0.7 & 0.8 amps (between 8.4 & 9.6 watts)
Cooldown between 7 to 10 amps for about a minute then about 1.7 amps (approx 20.4 watts) till cool.

Fuel Pump On/Off - NOT NORMALLY REQUIRED

The function is only required to initially pump fuel to the heater or when fuel lines have been drained.

Press "**P**" to wake up display
To **START** fuel pump
Press "**P**", "35C" deg or "P 0#" displayed for **5s** , before then
Press "**P**" for more than **3s** to enter maintenance interface
"**PO 2**" plus red led displayed
Press "**On/Off**" for more than **3s**
"**FUEL**" displayed & you can hear the pump running
To **STOP**
Press "**On/Off**"
Pump Stops
Press "**P**" for more than **3s** to return to Standby mode.