

Marquee Heater tips.

Both are indirect oil fired heaters manufactured by Arcotherm.

The smaller one has been very recently serviced and both tested working.

Web Links to manufacturer's info site are below.

Method statements for them are attached. Containing useful fault diagnosis page.

They operate using electricity to power the starter and fan blower.

The spark ignites the fuel and the heated air is blown through the tubes in the tent.

Bad burning emissions go out from the chimneys and not into the tent.

They run cleaner on **kerosene** (central heating fuel) but are designed for diesel too. It can be mixed.

Red diesel is cheaper than petrol station diesel. You do not need to fill up at end of hire.

Take care in filling as ground contamination can occur due to spillage. We have left a large black funnel for top up.

I advise not letting them run out of fuel if possible.

There is a **control panel** on each. It has 2 on switches, one for thermostat use (1) within the speech bubble) and one for always on. (11)

It has an on/off switch too when in central position. (o)

Please switch off using either the thermostat or (o) button on the side control panel as this allows the fan to blow while the heater cools down. If power is simply cut, this doesn't happen and can be damaging.

There is also a light up **reset button**. This should be green when in use correctly. Sometimes if heater is playing up, it comes on red and may require using...hopefully not. I sometimes find that if the fuel runs out the reset button may be needed. Sometimes I may need to disconnect power (like you do to a computer / printer/modem reset) to make the reset button work.

If operating **using thermostat**, use the dial carefully and slowly. Do not spin around and around! You can hear a click when it hits the current temperature and I suggest a temp of 25/30 C setting.

The heater should then switch on and off to maintain heat. At end of day you can simply turn thermostat to zero and it wont come on. Ideally manually switch off using (O) button.

If snow forecast you could leave it on thermostat at lower setting over night.

As its so cold though, when using tent you may prefer to simply leave the heaters on continuous power switch (11) as this will then supply **continuous heat**. It should not take long to heat up. (Keep curtains/ doors shut!!) Manually switch to off (O) when finishing.

[Ec 32 web page and specifications](#) fuel consumption rate of 2.7 Litres / Hour, the EC22 will comfortably support a minimum of 12 hours continual operation when in the manual position.(1) 29kw heat.(370w power consumption). Starting Current 5 Amps. Running Current 1.9 Amps . 42 litre tank.

[Ec 55 web page and specifications](#). the 4.64 Litres / Hour fuel consumption means that the heater will comfortably operate continually for 12 hours in the manual position (I) 51 kw of heat. (850 w of power consumption). Starting Current 34 Amps Running Current 7.2 Amps 65 litre tank.