

Plug & Glow Mini Electric Flow Boiler



Plug & Glow 2



Plug & Glow +

The upgraded new 2.7kW flow boiler with fitted plug, timer and temperature control

The Plug & Glow is a small stainless steel flow boiler with many applications. It has 22mm connections for ease of installation, a 13 amp plug fitted and can be programmed twice a day with 5 day/weekend option.

Temperature is adjusted by a calibrated knob on the front of the case or it can be controlled by an off board thermostat. There is no restriction on the number of uses of the product, many are listed overleaf. Because the unit is compact it can be used discreetly, for example connected to a room thermostat in a new extension or conservatory, to either underfloor or traditional heating systems.

With a 2.7kW output the unit is fitted with a 13 amp plug and can be plugged into a household socket. In addition, there are connections for a pump to be wired in, the pump will operate when there is demand on the unit.

- ▶ **Compact only 120 x 200mm**
- ▶ **UKCA marked**
- ▶ **No need to upgrade your boiler if you extend your home**
- ▶ **Heat a conservatory up to 20m²**
- ▶ **Run two radiators**
- ▶ **Add as an inline heat source to any plumbing or heating installation**
- ▶ **Perfect for caravans, mobile homes, boats etc.**
- ▶ **Run your towel rail all year**



Applications

- ▶ Conservatory underfloor
- ▶ Home office / workshop Heating
- ▶ Boost an existing system
- ▶ Towel rails
- ▶ Greenhouse frost protection
- ▶ Secondary return on water loops
- ▶ De-stratification of cylinders
- ▶ Frost stat for holiday homes
- ▶ Drying out new build screed



Be Creative...

This is the fun bit - Plug & Glow is a great innovation and we have come up with the following ideas and applications. Bear in mind that the EXT position on the fascia will give you the option of switching it on and off with any switch - for example (using a contactor/relay to achieve VOLTAGE FREE switching) it could be connected so that a pump in a gas central heating system is the switch - if the pump is live it can switch Plug & Glow on when there is demand on the heating system.

Or - using a contactor/relay again - a home office heating system could be activated by turning the light on as long as the circuit has a room thermostat incorporated. Or again - for heat pump defrost using off board heat pump controls.

You can incorporate more than one, just link them in series but please use individual power points - not power extension blocks.

Conservatories

For conservatory underfloor heating just add a pump and room thermostat.

Greenhouses

Use underfloor or skirting pipes with Plug & Glow for even heat and frost protection.

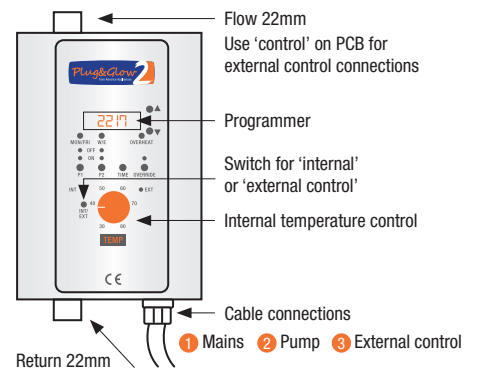
New Plug & Glow+

On a pre-drilled plate with:

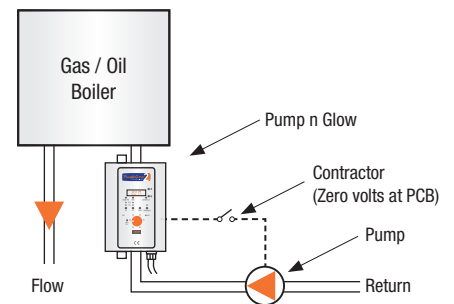
- A rated pump
- Bypass valve
- Auto air vent
- 22mm tails

For immediate installation or for fast drying out of new screed flooring.

General control schematic



Add to home heating



Specification

Code	Size (mm) H x W x D	Weight	Connections plumbing	Power	Rating	Max operating pressure	Operating temperature	Safety cut out	ERP Class
PNG 2	200 x 120 x 85	0.9 kg	22mm pipe	2.7kW pod + 300 watts pump	13 Amps	3 Bar	up to 80°C	90°C and 95°C	C
PNG Plus	580 x 400 x 90	0.9 kg	22mm pipe	2.7kW pod + 300 watts pump	13 Amps	3 Bar	up to 80°C	90°C and 95°C	C