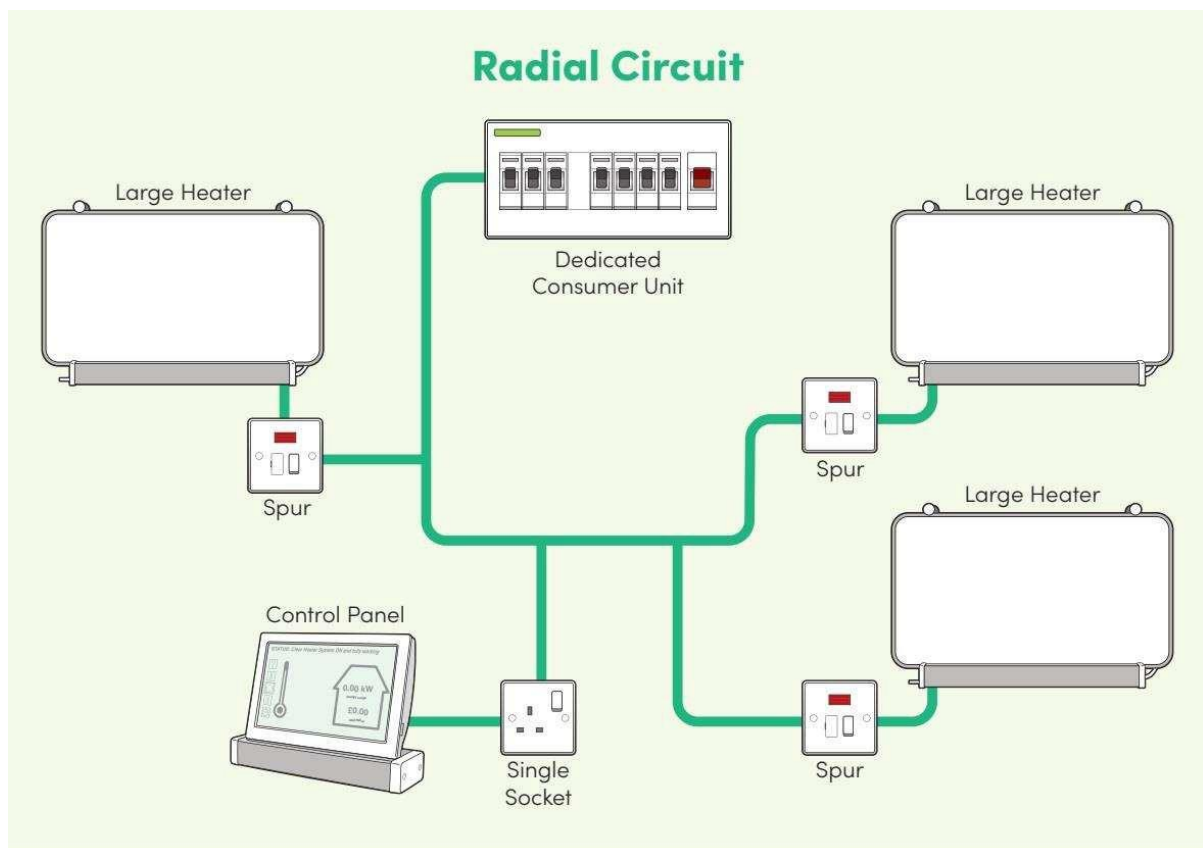


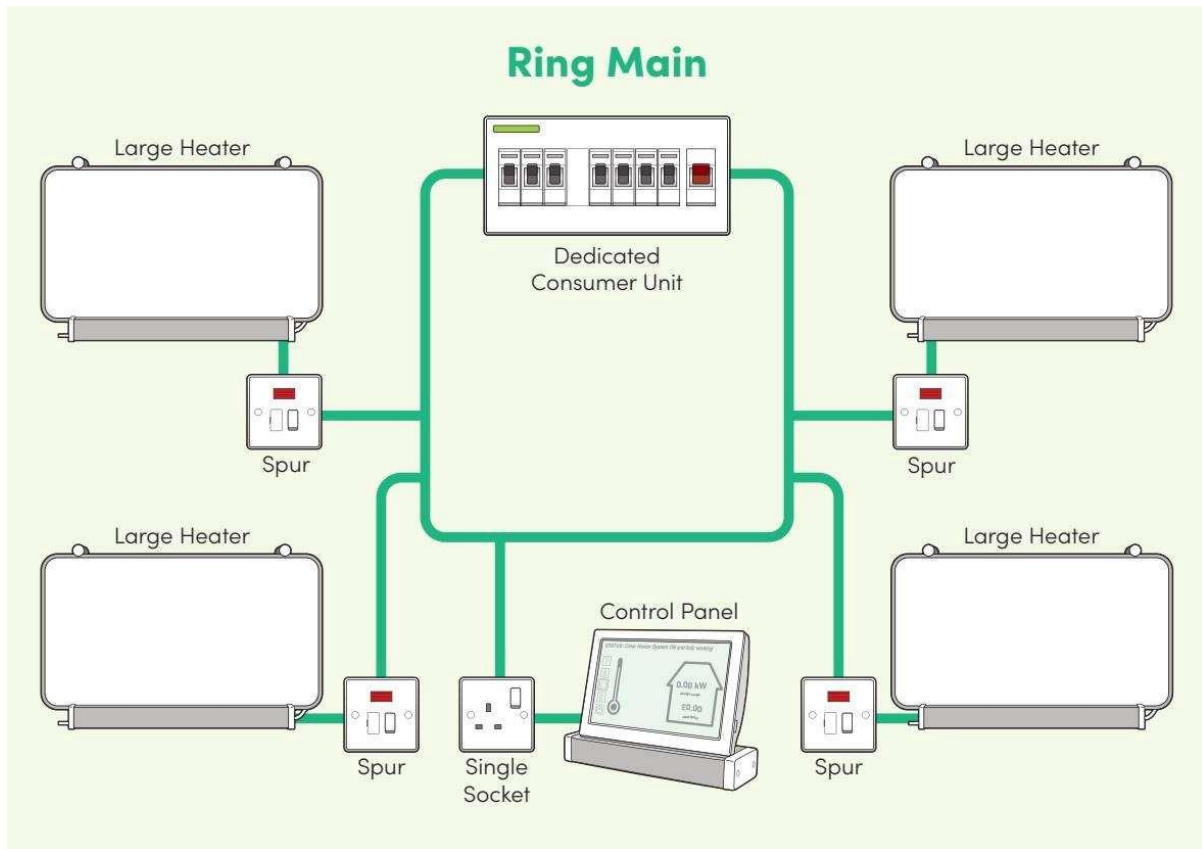
Ambion Low-carbon Infrared Heat Panels

We recommend the Ambion system is fitted by installing a dedicated consumer unit with dedicated ring mains or radial circuits, to be fitted as part of main wiring installation program. This is because the system communicates via the mains wiring and having a dedicated circuit excludes the possibility of interference from other electrical items in the house.

Each heater must have a local means of isolation with fuse protection. The heaters are rated at 820W (Large) and 430W (Small). There should be a maximum of 5 large heaters or 10 small heaters or an equivalent combination per dedicated circuit. The Control Panel will allow a maximum of 3.2kW ON at any time, per circuit. The Control Panel is rated at 130mA and requires a dedicated single socket from one of the heater circuits or directly from the dedicated consumer unit. All wiring must be installed to comply with the current wiring regulations.

This is represented in the schematic below.





A floorplan will be provided showing the heater locations and the type/size of the heater to be installed. Ensure that the fuse spur will not be sited behind the heater when it is in its installed position. The fuse spur should be positioned to the right of where the heater will be located if possible. Each heater has approx. 1.5m of flex exiting from the lower right side of the base.

Please refer to the technical specification for heater dimensions, these can also be found on our website www.ambionheating.com/products.

All equipment is delivered with standard firmware. Once installation is complete, the Ambion system is commissioned. This involves (amongst other things) completing final checks, assigning each heating panel a room name in preparation for customer use, and connecting each system to an the Ambion mainframe to facilitate ongoing Technical Support.

Electrical connection

Installation work

Discussions between the contractor(s) and Ambion are required to confirm which option below is being adopted as to scope of work:

Full contractor service

- Contractor to take full responsibility for installation of the Ambion Low-carbon Heat Panel system.
 - This will require specific product training on both systems, which may be delivered on site (or elsewhere).

Partial contractor service

- Contractor provides wiring installation of fused spurs for **Low-carbon Infrared Heat Panels** in line with the Ambion plan. Ambion to organise final connection of **Low-carbon Infrared Heat Panels** and Control Panel to fused spurs.
- Ambion to arrange final commissioning of Ambion low-carbon Heat Panel system.