



R1800  
Power Heater  
1.8 kw

Redwell Manufaktur GMBH  
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## RDC, Teckhnicon House, Braintree

### 60 Power Heater Install

The client contacted Cool Tech Ltd a commercial partner/distributor for Green Energy (EU) Ltd to discuss heating for one of their units. The area of **1,136 m<sup>2</sup>** is partly used by technicians working on computers and the rest is storage and single storey offices. Before speaking with Cool Tech their only options were gas or oil heaters which are costly to install, as a connection is required or a tank installed and expensive to operate. Also, to heat only part of the unit with convective heating, requires the whole unit to be heated including storage and goods out area plus above the offices which does not require heating. This would mean a **large waste of energy**.

The best heater for this type of application is the Redwell Power Heater using **1.8 kw**.



Positioned at 3m from the ground it projects a heat circle 5m in diameter. The heater is not affected by air movement so perfect where you want to create zoned heating. The client initially requested the whole main unit to be covered with Power Heaters requiring 193 heaters. This was reduced to just 44 heaters to heat the bench area which are 7m long with a walk way in between. In addition to the 1,136 m<sup>2</sup> main unit, we also installed a further 12 heaters in a stripping area at 4m high and 4 heaters in a shredding area.

The Power Heaters were installed during their fit out works and mounted at the same time as the lighting which meant just additional cable was required reducing their install costs compared to gas or oil.

Both the client and staff are extremely happy with the quiet comfortable heat produced. They also appreciate the health benefits of the IR system over and above traditional conventional convection heating. This arrangement, using spot heating for each station ensures that each employee is warm and content during the coldest of the winter months.



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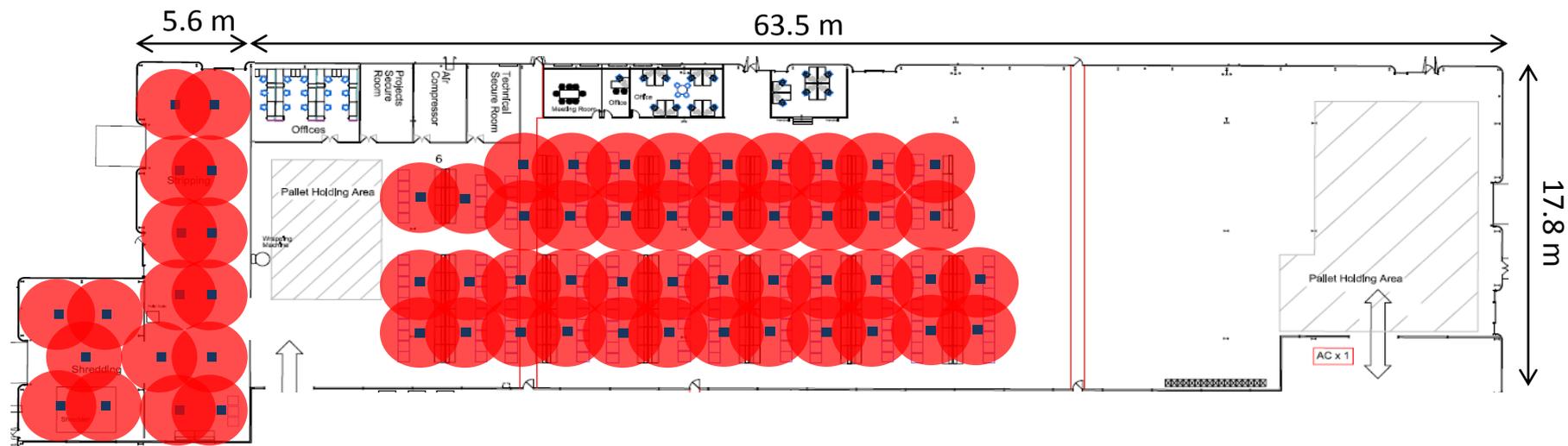
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