



Cleverly simple
control of energy.

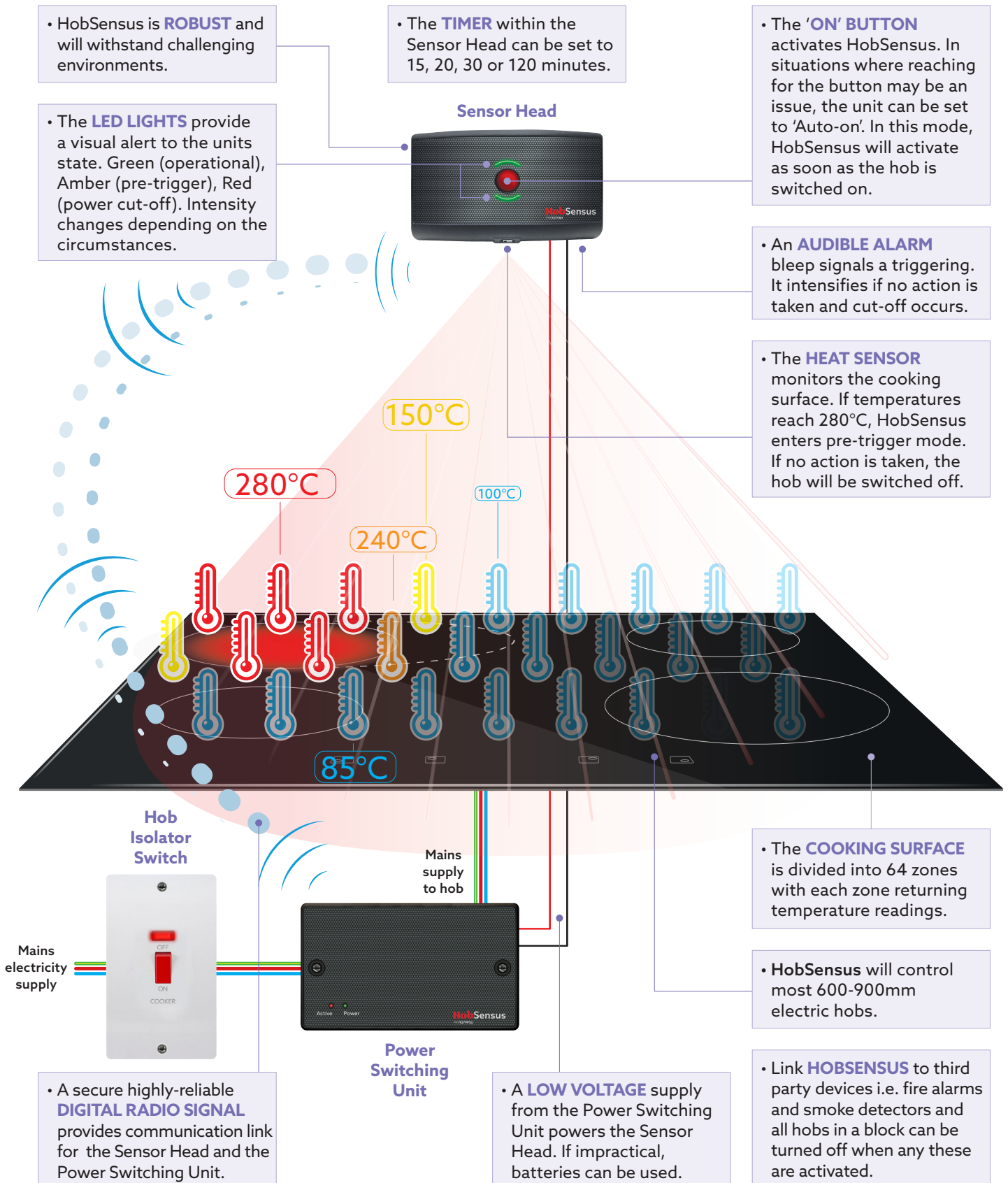
HobSensus



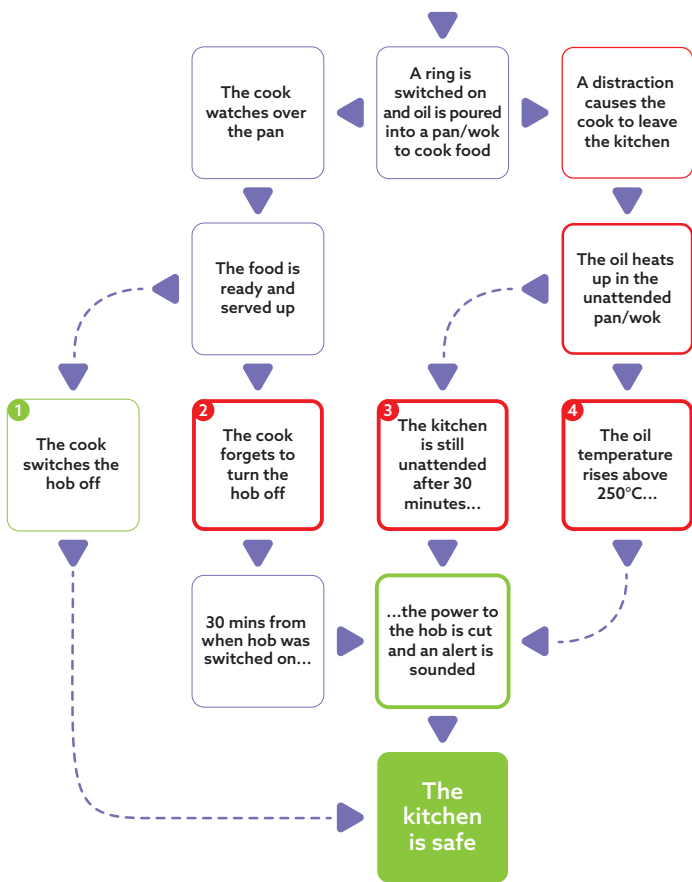
HobSensus is an **auto shut-off device for electric hobs**. It has been designed to reduce the risk of fire in kitchens left unattended while cooking is in progress. HobSensus makes any kitchen safer, but was developed specifically for student accommodation, holiday lodges, care homes and for the kitchens of people living with dementia.

HobSensus monitors the cooking surface and cuts power if temperatures approach dangerous levels.

A press of the red button sets the HobSensus timer running. If power to the hob is not switched off when cooking has finished, it will be cut when the allocated time elapses. **But the simply clever part is the sensor. It continually monitors the cooking surface, and if the temperature approaches dangerous levels, the hob is switched off.**



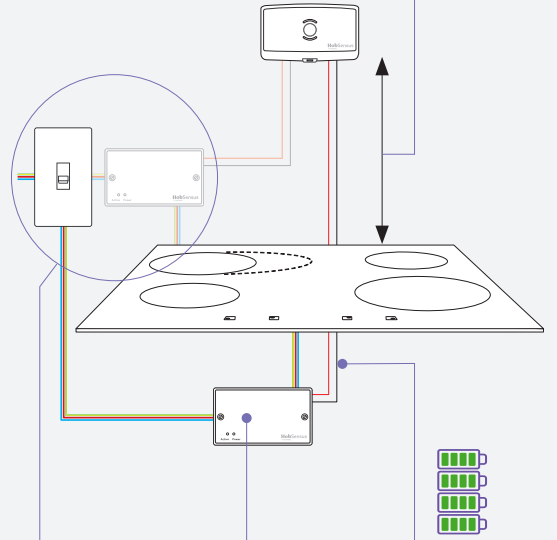
Three scenarios that could lead to a hob being left unsafe.



Installation

A competent electrician will be able to install HobSensus in fewer than 45 minutes.

- The **SENSOR HEAD** is mounted centrally, 600mm above the cooking surface. It can be mounted with screws, or 3M VHB mounting pads can be supplied.

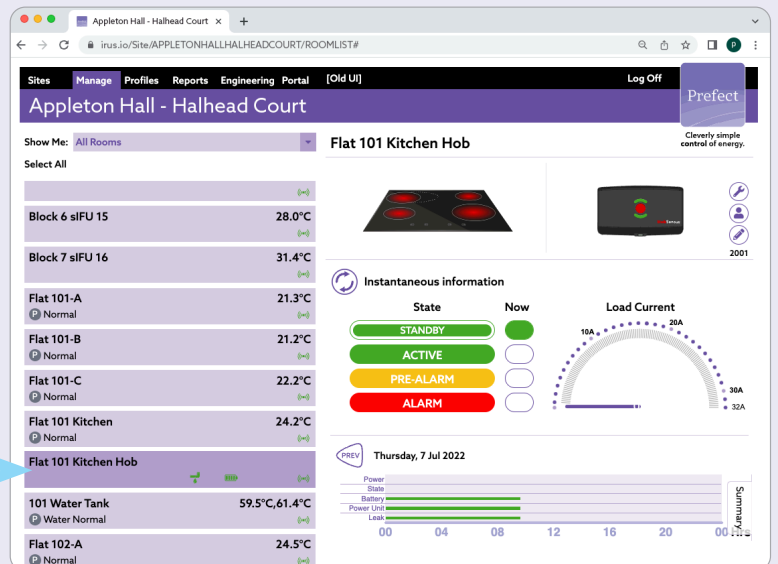


- The **POWER SWITCHING UNIT** is installed between the hob and the hob isolator switch. This can be under the work top or on the wall behind the hob.
- LOW VOLTAGE** wires supply power to the Sensor Head. Where this is impractical, 4 AA batteries can be used, with a life expectancy of around 2 years.

Integration with *irus* for remote monitoring

HobSensus is designed as a stand-alone device, but when integrated with Irus (Prefect's Central Control System), a range of additional features become available. Hobs can be monitored remotely, each unit is viewed on the Irus Portal from any internet enabled device, and the following details displayed:

- Current state
- Standby
- Active
- Pre-Alarm
- Alarm
- Tamper status
- Setting switch position
- Real time current flow
- Signal strength
- Battery level
- Leak detection
- VFC status



HobSensus

Specification

Compatible hob types:

Designed for use with single phase electric hobs. HobSensus can be used with most 2 to 6 plate electric ceramic, solid plate and induction hobs with mechanical or electronic controls up to 900mm width. Induction hobs are recommended as the hob rings do not directly heat and are therefore less likely to cause false triggers.

Size:	Standard 2 gang plate size.
<p>Note: mounted in the landscape orientation. PRE9279 Power Switching Unit requires a 35mm or deeper surface or flush box a 47mm is recommended. When mounting into a flush wall box or metal clad box remove any unused lugs of the box. PRE9279SH can be directly surface mounted or fitted to a standard 2 gang sunken flush pattress box.</p>	
Supply voltage Power Switching Unit:	230V AC at 50 Hz
Supply voltage Sensor Head:	6V DC battery power (4 x 1.5V AA), 5V DC hardwired
Load:	40A resistive 9.2kW max, derate for non-resistive loads
Electrical connections Power Switching Unit:	Live in (Lin) 2x Neutral (N) 2x Earth
LV Connections:	Sensor Head (+)(-), Leak Sensor, Cut-off VFC In
Mains terminal capacity CSA:	0.6mm ² minimum to 13.3mm ² maximum
LV Terminal capacity CSA: (installation)	0.5mm ² minimum to 2.5mm ² maximum (pluggable type for ease of installation)
Wireless range:	10m clear line of sight, 5m with obstructions
Indicators Power Switching Unit:	Power (green) Active (red)
Indicators Sensor Head:	Green - Amber - Red.
Sensor Head mounting height:	Hobs up to 600mm mount at 600mm, 601mm to 900mm Hobs mount at 650mm.
Conformance:	EN50615:2015
<p>Note: HobSensus only conforms when set to Normal-Mode.</p>	
Casing material:	PC/ABS
Label material:	Polyester
Insulation class:	Class 2 double insulated
Manufacture origin:	Made in the UK



Due to our policy of continuous improvement, we reserve the right to change specifications without notice. All information was correct at time of when this product file was produced - July 2023