


# Technical Documents

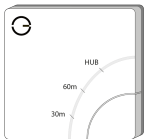










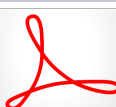
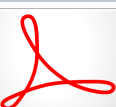

## Index

- [Wiring Diagrams](#)
- [Schematics](#)
- [Specifications](#)
- [Partner Documents](#)

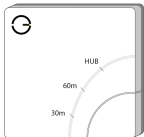






## Wiring Diagrams:














 \* contains Internal Wiring diagram

## Heating Diagrams
















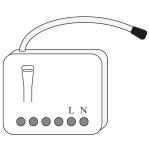

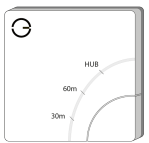
Heating Controller	Combi Boiler (230v) *	S-Plan System	S-Plan-Plus (Radiators)	S-Plan-Plus (Manifold Wired to Boiler)	S-Plan-Plus (Manifold Not Wired to Boiler)	Immersion Heater *	Electric Heating *
<b>Electric Switch</b> 	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>
<b>Electric Relay</b> 							 <b>PDF</b>
<b>Powered Thermostat</b> 	 <b>PDF</b>	 <b>PDF</b>					 <b>PDF</b>

## Underfloor Diagrams













	Wired to Boiler			Not Wired to Boiler			
Heating Controller	With Wiring Centre	Without Wiring Centre	Single Zone	With Wiring Centre	Without Wiring Centre	Single Zone	Underfloor (Electric)
<b>Electric Switch</b> 	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	 <b>PDF</b>	




<b>Electric Relay</b> 	 PDF	 PDF		 PDF	 PDF		
<b>Powered Thermostat</b> 	 PDF	 PDF	 PDF	 PDF	 PDF	 PDF	 PDF

## Discontinued Devices







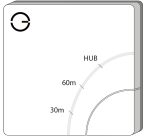

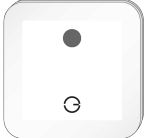

Boiler Controllers	Combi Boiler (Volt-Free)	Combi Boiler (230v) *	S-Plan System (Radiators)	S-Plan System (Underfloor Wired to Boiler)	S-Plan System (Underfloor Not Wired to Boiler)	Y-Plan System	S-Plan-Plus System
<b>Single Channel Receiver</b> 	 PDF	 PDF	 PDF	 PDF	 PDF	 PDF	 PDF
<b>Dual Channel Receiver</b> 		 PDF	 PDF	 PDF	 PDF	 PDF	 PDF
<b>In Wall Range Extender</b> 							
<b>OpenTherm Installation</b>  							







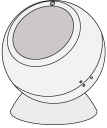

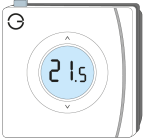





## Schematics:

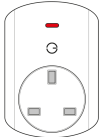





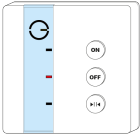





Control system	Schematic	
Heating Only	Combination Boiler 	
With Hot Water	On/Off Hot Water	Temperature Hot Water
		  Irish Hot Water 
S-Plan-Plus		
230v Underfloor (Multi-zone)	Wired Back to Boiler	Not Wired Back to Boiler
	Wiring Centre: 	Wiring Centre: 
	No Wiring Centre: 	No Wiring Centre: 
	Powered Room Thermostats: 	
230v Underfloor (Single Zone)	Wired Back to Boiler	Not Wired Back to Boiler
		

24v Underfloor	Wired Back to Boiler 	Not Wired Back to Boiler 
Electric Heating		

## Specifications:













Product	Specification
Communications Adapter 	
Dual Channel Receiver 	
Electric Relay 	
Electric Switch 	
Genius Hub 	

<p>Genius Radiator Valve</p> 	
<p>Genius Radiator Valve (discontinued)</p> 	
<p>Genius Room Sensor</p> 	
<p>Genius Motion Sensor</p> 	
<p>Genius Room Thermostat (discontinued)</p> 	
<p>Genius Smart Plug</p> 	
<p>Genius Smart Plug (discontinued)</p> 	

<p>Genius Smart Plug (discontinued)</p> 	
<p>In Wall Range Extender</p> 	
<p>Powered Room Thermostat</p> 	
<p>Single Channel Receiver</p> 	
<p>Underfloor Wiring Centre</p> 	
<p>Wireless Room Thermostat</p> 	

### Partner Documents

Company	Product Information
---------	---------------------

Effective Energy Systems		T17 Panel Heater	TALIA Towel Rail		
					
Jigsaw Infrared		ECO Aluminum	Pegasi Premium Glass	Sirius Premium Glass	Power Heater
					
JK Floorheating		Single Zone Underfloor	Multi-Zone Underfloor	Single Zone Underfloor (Powered Room Thermostat)	Multi-Zone Underfloor (Powered Room Thermostat)
					

#### Related Information:

- [Technical Documents](#)
- [5. Installing the Underfloor Receiver Units](#)
- [6. Installing the Electric Heating](#)
- [3. Installing the boiler Receiver Units](#)
- [8. Installing the Range Extenders](#)