

Heat Genie

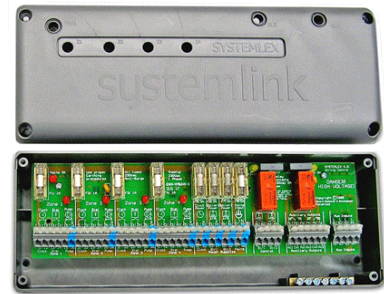
Next Generation Solid Fuel Link-up

Patented: 1202700.9

systemlink

ZONED HEATING AND CONTROLS

The Evolution of Solid Fuel Heating & Link-up



Benefits of Heat Genie

- No need to purchase expensive new cylinder or thermal store to link-up solid fuel source.
- No need for expensive cylinder coil or heat leak radiator on the gravity circuit. The Heat Genie provides the safety elements with 3 levels of safety.
- While the solid fuel appliance is typically open vented, by using the Heat Genie both the existing heating system and DHW cylinder can be unvented.
- Extremely rapid heating of your existing domestic hot water.
- Get instantaneous hot water from your existing boiler & the solid fuel source
- Fully insulated.
- Simple to install, fully labelled ports.
- Includes SystemLex zoning wiring centre
- No need for motorised valves

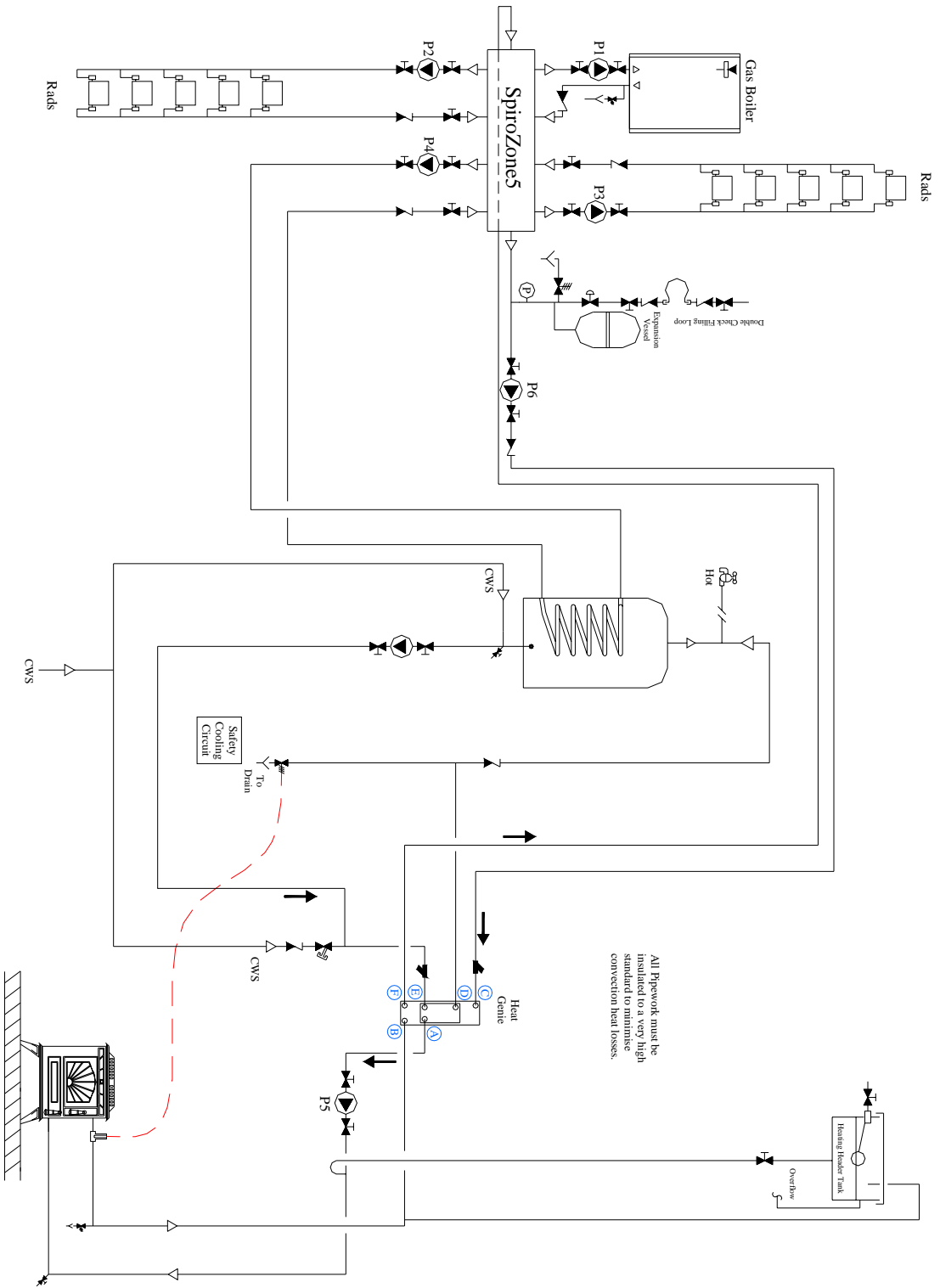
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All Pipework must be insulated to a very high standard to minimise convection heat losses.

Information

Notes

Non-return valves are required on Systemlink 5 outward zone flow pipe-work only when the zone to be opened is at a higher level than the Systemlink. In that situation, a non-return valve must be positioned in front of the zone pump. This will prevent the creation of a gravity fed, thermo-siphoning loop, which would cause continued supply of heated water to the radiators in that zone, even when the zone's pump is no longer required and has been switched off.

This schematic shows the key components in the mechanical system and the list of materials shown is non-exhaustive. All systems should be installed in accordance with building regulations and by a qualified installer. The schematic is a representation of a heating system and Systemlink will not be held responsible for any errors shown.

LEGEND

- | | | | |
|--|---------------------------|--|------------------------|
| | Motorised Valve | | Terminohole |
| | Isolating Valve | | Starter |
| | Safety Valve | | DW Pressurisation Pump |
| | Non Return Valve | | Drain Cock |
| | Pressure Relief Valve | | Circulating Pump |
| | Oil Fire Slam Valve | | Gas Slam Valve |
| | Temperature Relief Valve | | Blinder Test Point |
| | Pressure Regulating Valve | | Direction Arrow |
| | Flow Regulating Valve | | Hi-Pressure Switch |
| | Pressure Reducing Valve | | Low Pressure Switch |
| | Automatic Air Valve | | |
| | Pressure Gauge | | |
| | Temperature Gauge | | |
| | Temperature Sensor | | |

Example: Heating Schematic
 Sealed System with Open Ventd Solid Fuel Stove, Oil
 Boiler, 2 Radiator Zones, 1 DHW Zone
 Heating/Cooling/Safety Heat Exchangers

Scale: NTS

Rev: 001

Drawing No.

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