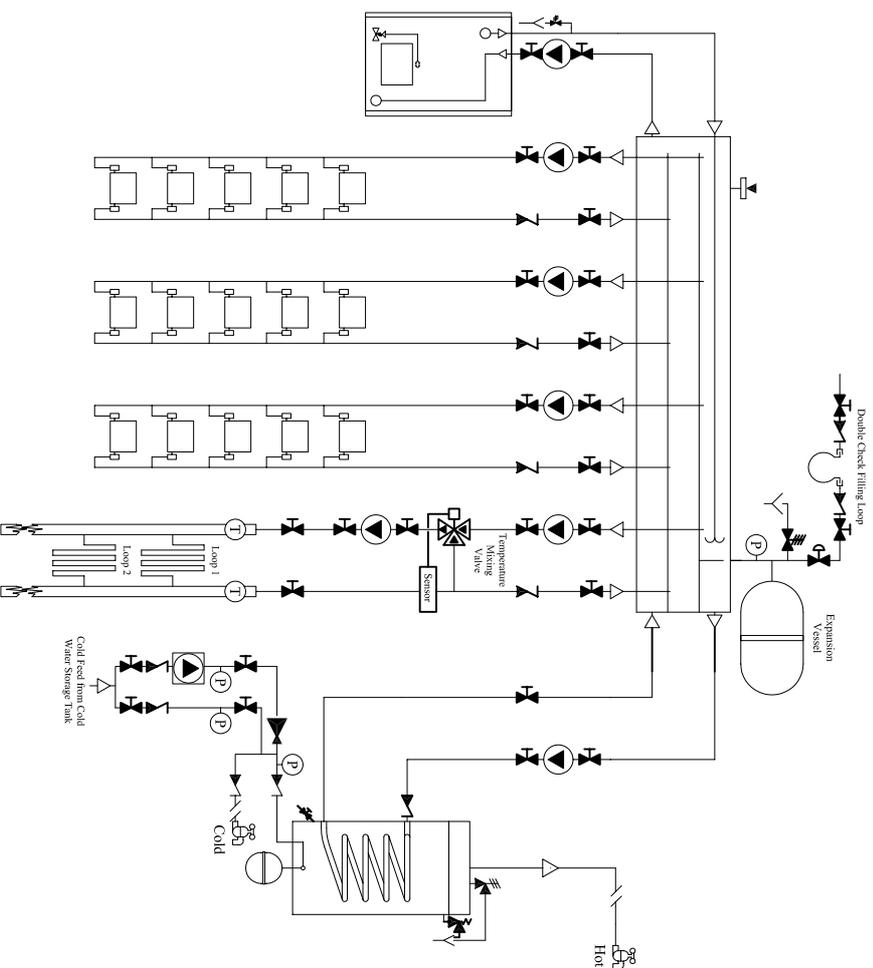


Information

Notes

Non-return valves are required on Systemlink's outward zone flow pipe-work only when the zone to be piped 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 not exhaustive. All systems should be installed by a qualified installer and should be installed in accordance with building regulations. Systemlink will not be held responsible for any errors shown in the schematic.



LEGEND

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

Example: Heating Schematic
1 Oil Boiler, 3 Radiator Zones, 1 Underfloor Zone, 1
DHW Zone

Scale: NTS

Rev: 001

Drawing No. 00103110

Systemlink
C2 South City Business Centre,
Tallaght, Dublin 24
Tel: 00-353-(0)1 4031200
Fax: 00-353-(0)1 4137777
e-mail: info@systemlink.ie
e-mail: info@systemlink.co.uk