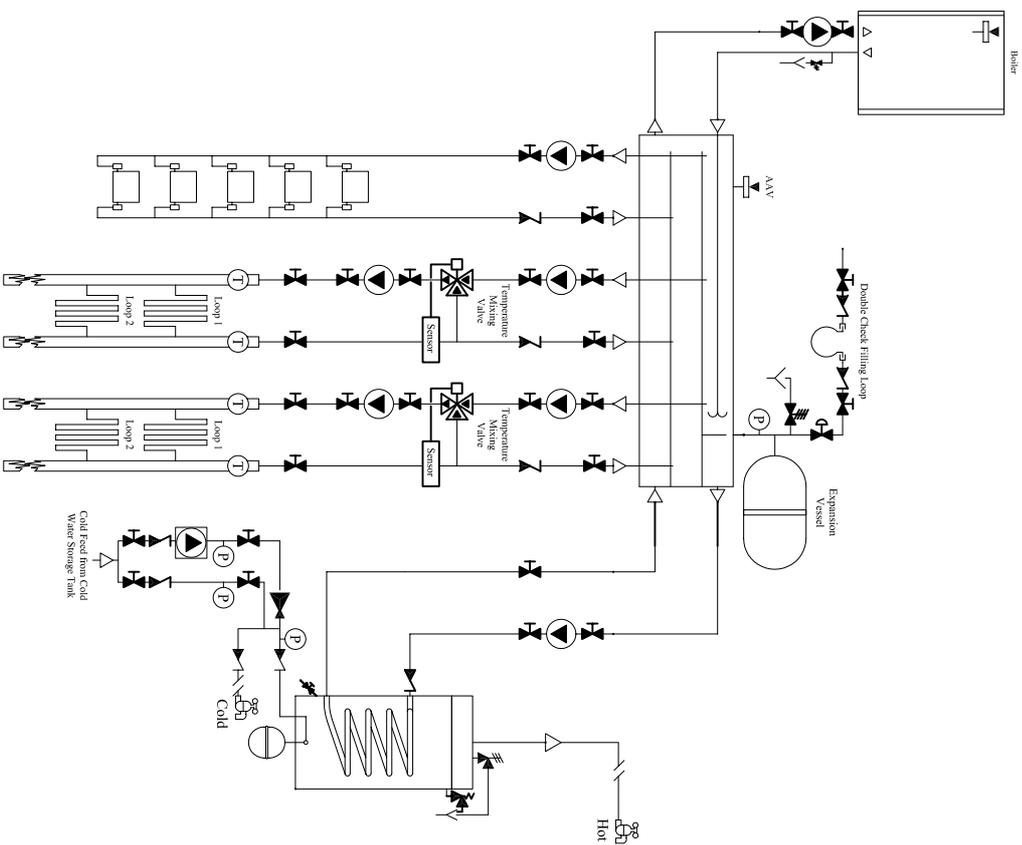


## Information

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

### Example: Heating Schematic

1 Gas Boiler, 1 Radiator Zone, 2 Underfloor Zones, 1  
DHW Zone

### 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

Scale: NTS

Rev: 001

Drawing No. 01001210