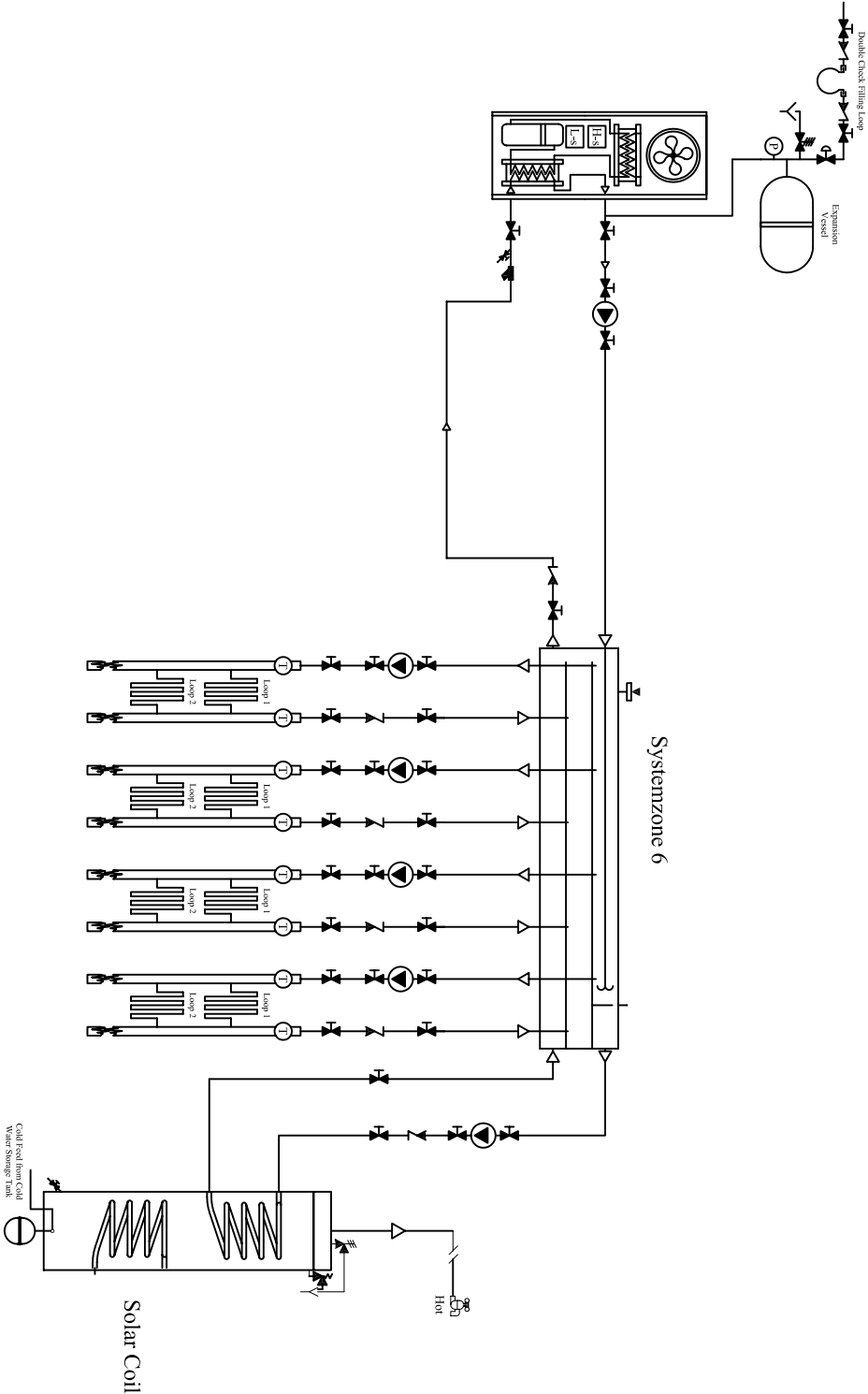


Information

Note  
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-syphoning 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.



LEGEND

- |  |                       |  |                          |
|--|-----------------------|--|--------------------------|
|  | Motorised Valve       |  | Temperature Mixing Valve |
|  | Isolating Valve       |  | 3-Way Motorised Valve    |
|  | Safety Valve          |  | Automatic Air Valve      |
|  | Non Return Valve      |  | Pressure Gauge           |
|  | Pressure Relief Valve |  | Temperature Gauge        |
|  |                       |  | Temperature Sensor       |
|  |                       |  | Strainer                 |
|  |                       |  | DW Pressurisation Pump   |
|  |                       |  | Circulating Pump         |
|  |                       |  | Direction Arrow          |
|  |                       |  | Hi-Pressure Switch       |
|  |                       |  | Low Pressure Switch      |

Example-SystemZone 6, Air to Water Heat Pump,  
Domestic Hot Water Cylinder, 4 UFH Zones

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Rev: 003

Drawn: MC

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