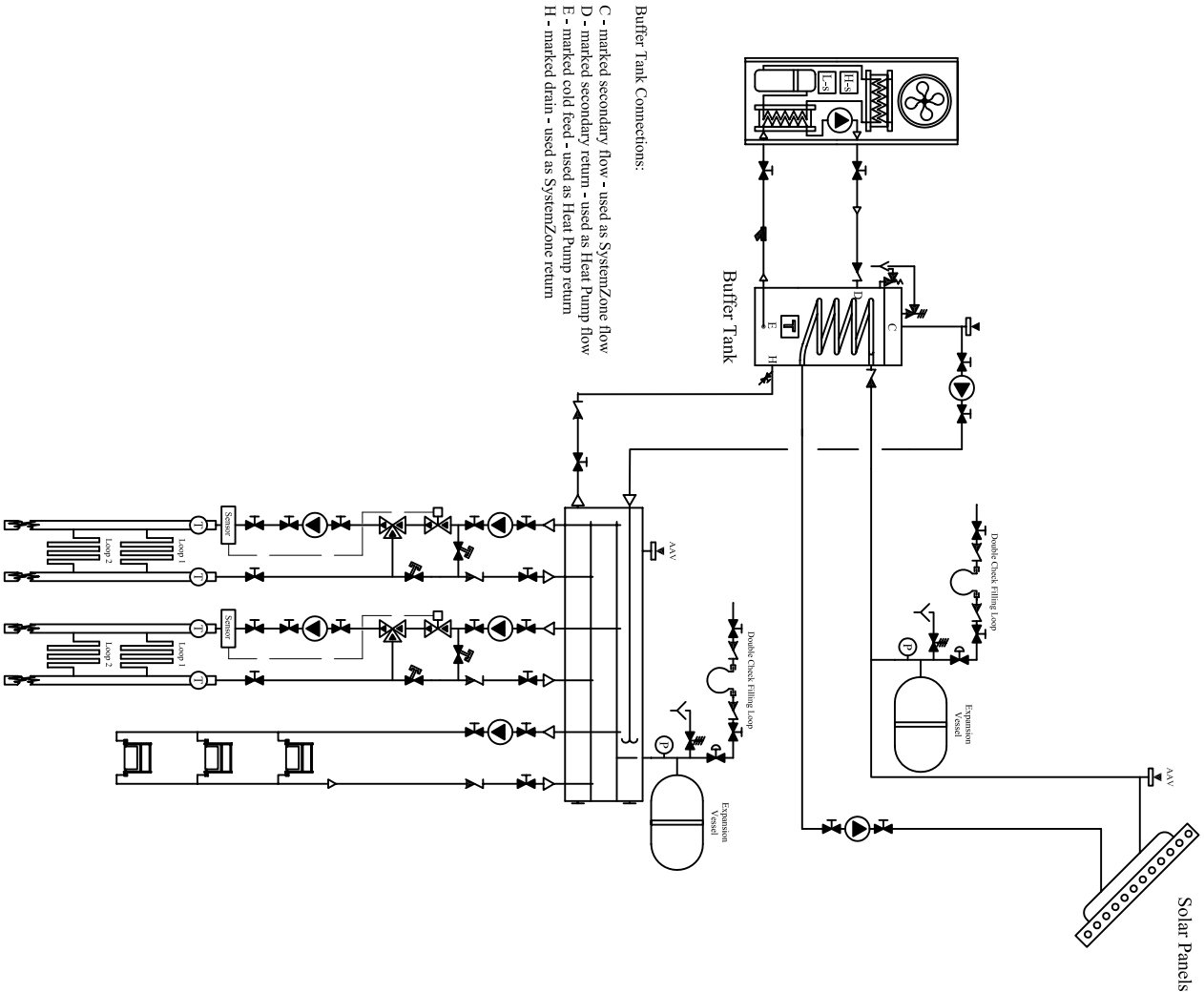


Information

Note
Non-return valves are required on System-link's outward zone flow pipe-work only when the zone to be piped is at a higher level than the System-link. 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.



Buffer Tank Connections:

- C - marked secondary flow - used as SystemZone flow
- D - marked secondary return - used as Heat Pump flow
- E - marked cold feed - used as Heat Pump return
- H - marked drain - used as SystemZone return

LEGEND

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

Example-Systemzone Plumbing Schematic

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