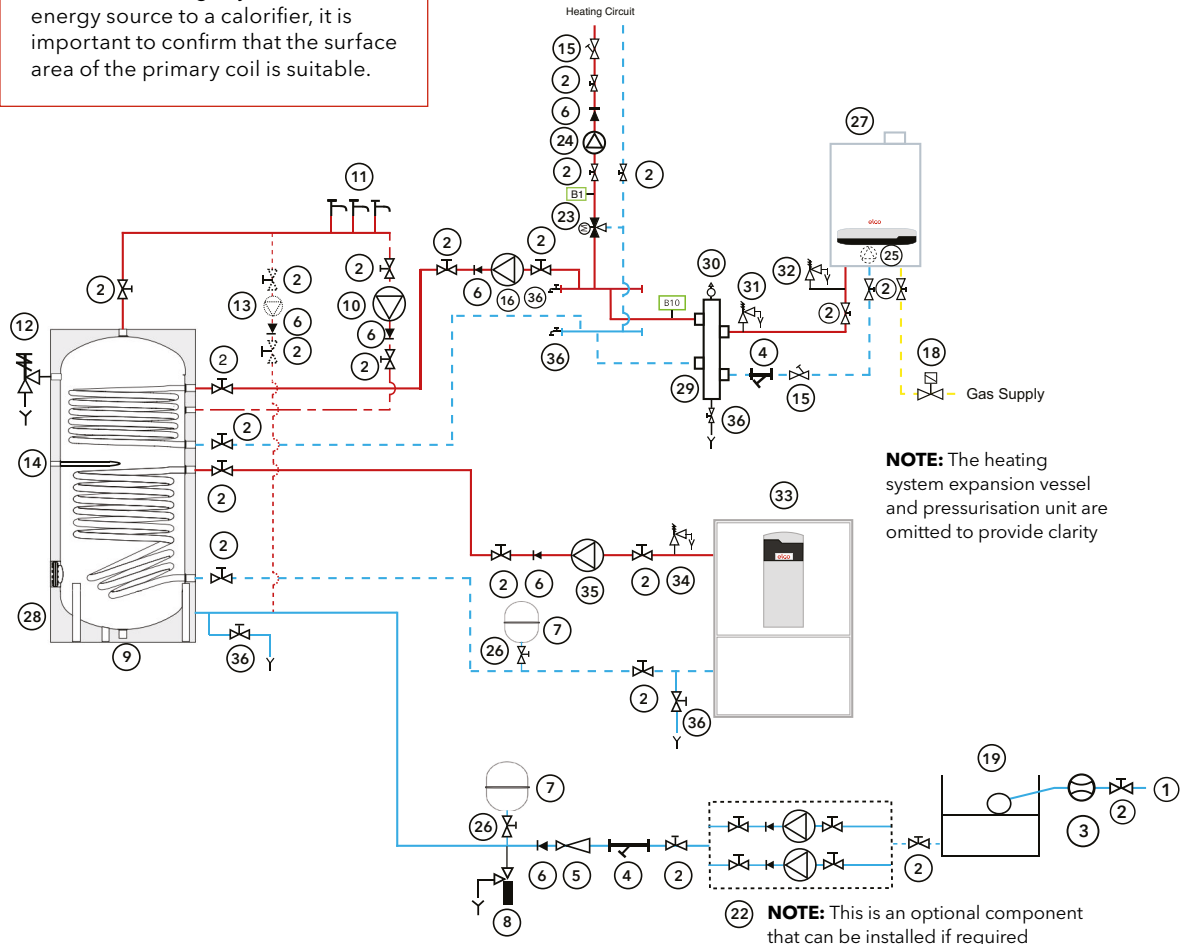


Example of Hydraulic Scheme – Twin Coil Calorifiers : Inox-Maxi SSC2 or Polywarm PWC2

Typical DHW schematic with a twin coil calorifier SSC2 or PWC2, 2 heating sources - THISION L ECO gas fired boiler and a Aerotop heat pump and 1 heating circuit with 3 way mixing valve

When connecting any renewable energy source to a calorifier, it is important to confirm that the surface area of the primary coil is suitable.



- | | | |
|---|---------------------------------------|--|
| 1. Cold water supply | 16. Primary DHW circulation pump | 31. System safety valve |
| 2. Isolation valve | 18. Gas shut-off valve | 32. Boiler safety valve |
| 3. Water meter | 19. Cold water storage tank | 33. AEROTOP T heat pump |
| 4. Strainer | 22. Cold water booster pump set | 34. Heat pump safety valve |
| 5. Pressure limiting valve | 23. 3 way motorised valve | 35. Primary DHW circulation pump from the second heat source |
| 6. Non-return valve | 24. Heating circuit pump | 36. Drain Valve |
| 7. Expansion vessel | 25. Boiler circulating pump | |
| 8. Expansion relief valve | 26. Lockshield valve | |
| 9. Drain | 27. THISION® L ECO boiler | |
| 10. DHW secondary re-circulation pump | 28. SSC2 or PWC2 twin coil calorifier | |
| 11. Hot water outlets | 29. Low loss header | |
| 12. Temperature and pressure relief valve | 30. Automatic air vent | |
| 13. De-stratification pump | | |
| 14. Immersion heater | | |

For more schematics please refer to the Installation and Operation manual or contact ELCO Heating Solutions

These illustrations are designed to provide general guidance on the hydraulic scheme and should not be considered as an installation drawing.