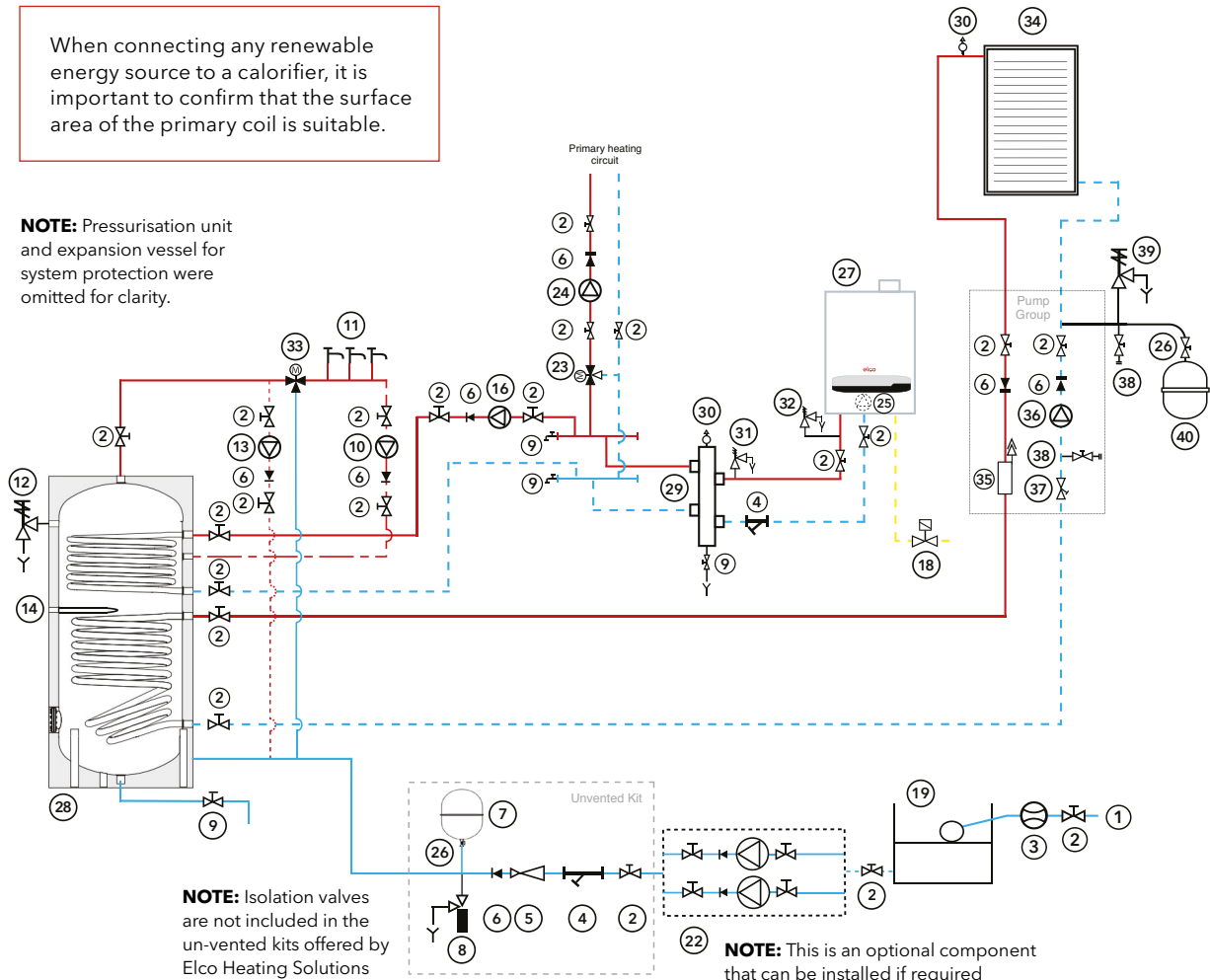


Example of Hydraulic Scheme - Twin Coil Calorifiers an Inox-Maxi SSC2 or Polywarm PWC2

Typical DHW schematic with a twin coil calorifier SSC2 or PWC2, 2 heating sources - THISION® L ECO gas fired boiler and solar panels 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.

NOTE: Pressurisation unit and expansion vessel for system protection were omitted for clarity.



- | | | |
|---|---------------------------------------|--|
| 1. Cold water supply | 13. De-stratification pump | 29. Low loss header |
| 2. Isolation valve | 14. Immersion heater | 30. Automatic air vent |
| 3. Water meter | 16. Loading pump | 31. System safety valve |
| 4. Strainer | 18. Gas shut-off valve | 32. Boiler safety valve |
| 5. Pressure limiting valve | 19. Cold water storage tank | 34. Solar panel |
| 6. Non-return valve | 22. Cold water booster pump set | 35. Vent pipe |
| 7. Expansion vessel | 23. 3 Way motorised valve | 36. Solar pump |
| 8. Expansion relief valve | 24. Heating circuit pump | 37. Flowcon valve |
| 9. Drain | 25. Boiler circulating pump | 38. Flush and fill valve with end caps |
| 10. DHW secondary re-circulation pump | 26. Lockshield valve | 39. Solar safety valve |
| 11. Hot water outlets | 27. THISION® L ECO boiler | 40. Solar expansion vessel |
| 12. Temperature and pressure relief valve | 28. SSC2 or PWC2 twin coil calorifier | |

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.