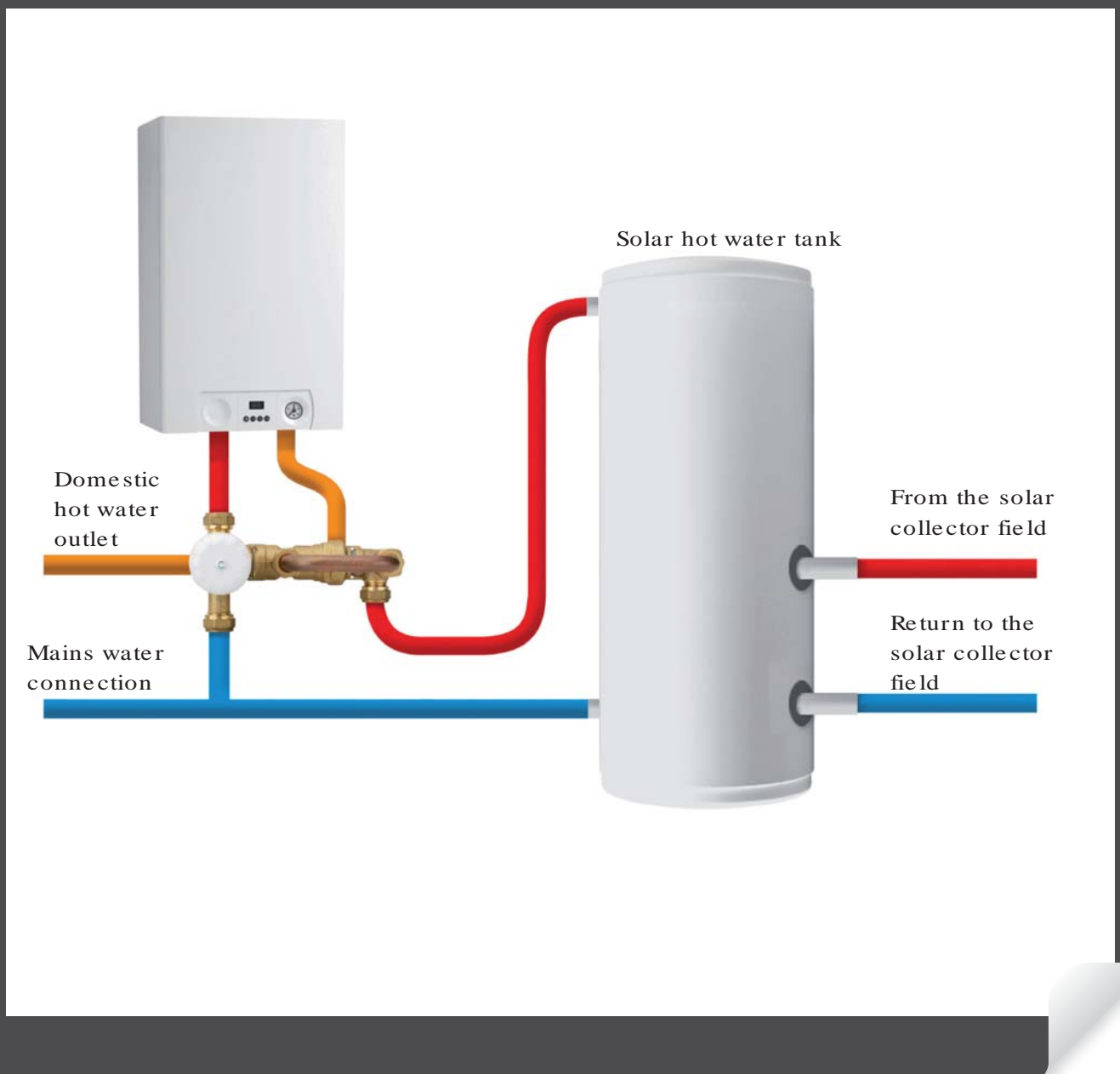




SOLAR DHW KIT

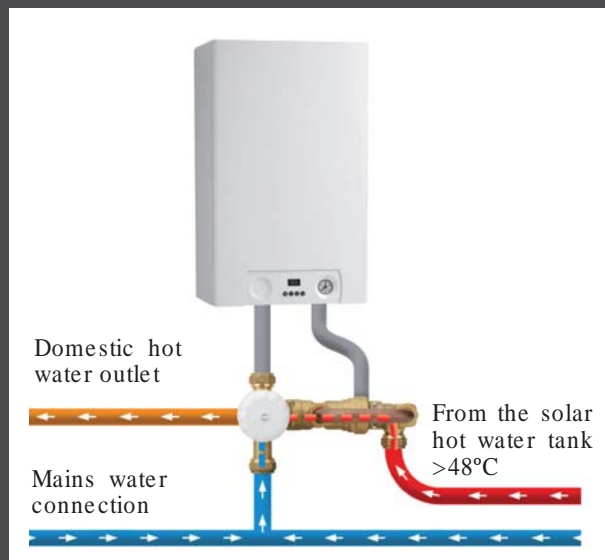
A universal kit for connecting a solar hot water tank to a conventional domestic hot water source

Unit for connection to the auxiliary domestic water heating units installed between the solar water tank and this back-up power source, normally an instant water heater or a gas or electric water heater. It includes a 3-way valve, which determines whether the water from the solar water tank should be conveyed via the back-up power source or can be directly sent on for consumption, and a mixing valve regulating the outlet temperature of the domestic hot water in the solar heating + conventional back-up system.

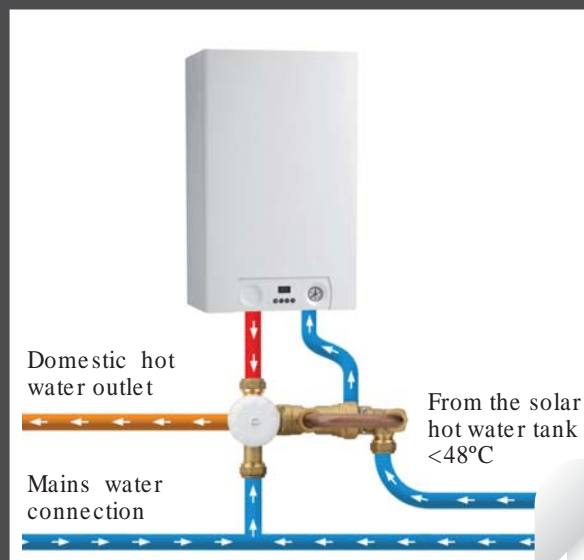


Hydraulic diagram:

If water in solar hot water tank $>48^{\circ}\text{C}$



If water in solar hot water tank $<48^{\circ}\text{C}$



SOLAR DHW KIT

- Valve material: brass, according to EN12165 standard.
- Closure gasket material: EPDM.
- Connections: $\frac{1}{2}$ " or 15 mm copper pipes.
- Maximum operating temperature: 90°C .
- Maximum operating pressure: 10 bar.
- Calibration of 3-way valve/bypass temperature: 48°C .
- Bypass temperature tolerance: $\pm 2^{\circ}\text{C}$.
- Thermostatic mixer regulation range: $30\text{-}60^{\circ}\text{C}$.
- Mixing outlet temperature calibration: 45°C .
- Components suitable for use with domestic water.



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