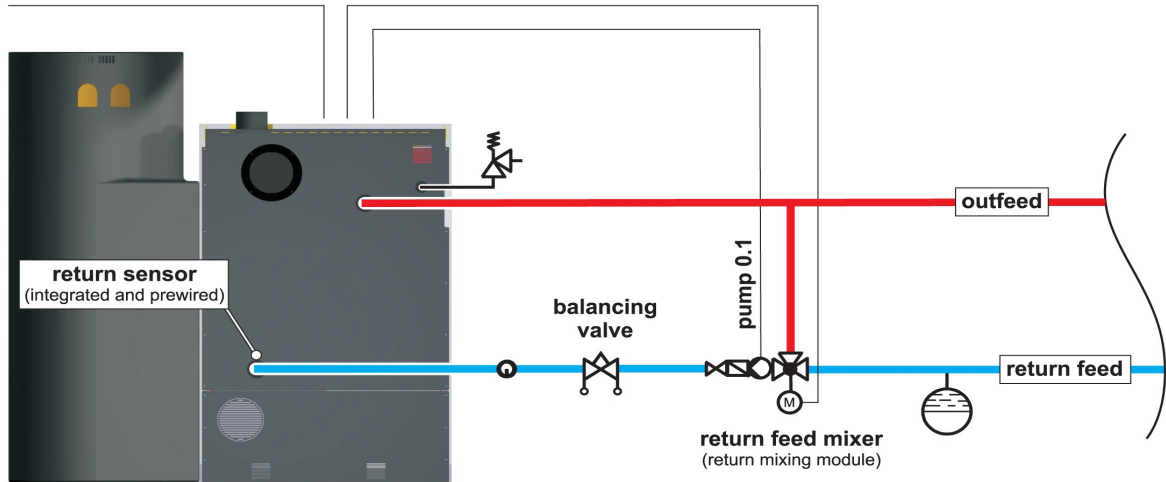


Return Mixer Wiring Schematic

The Fröling P4 80/100 pellet boiler requires the boiler to control the return water temperature with a mixing valve. The minimum return temperature is 140° F. A 3-way mixing valve with attached valve actuator is recommended. The boiler control system will control the return temperature. Below is a plumbing schematic and wiring for a 24VAC mixing valve.

Pellet boiler P4 Pellet 80/100 - Return feed lift with mixing valve

double 110V/60Hz
(nominal 230V AC)



Check parameter setting:

Navigate to menu „System” → „System selection” → „Boiler type” → „P4 Pellet 32 - 100” and set parameter „Return flow mixer through external modul” to „YES”.

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