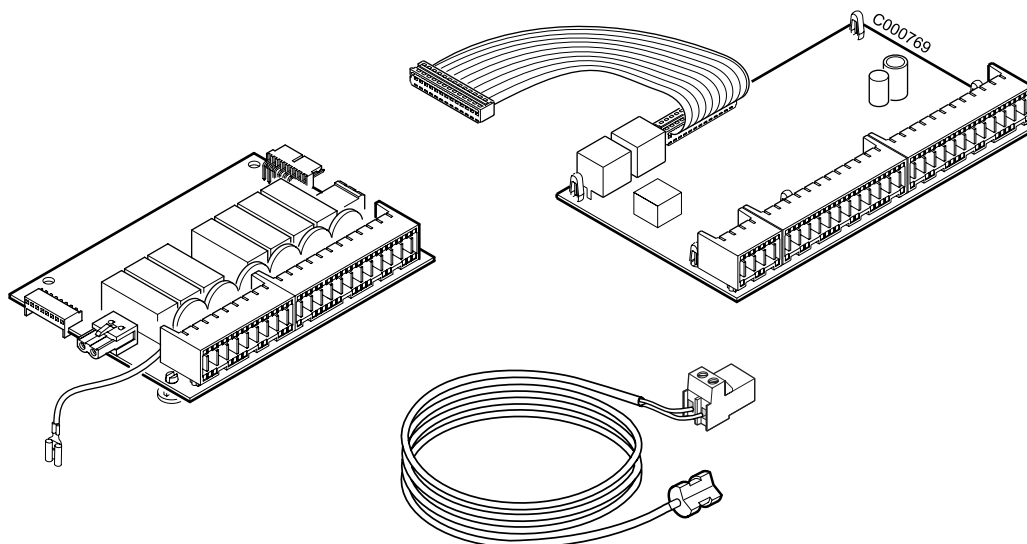





AD220

1 Presentation



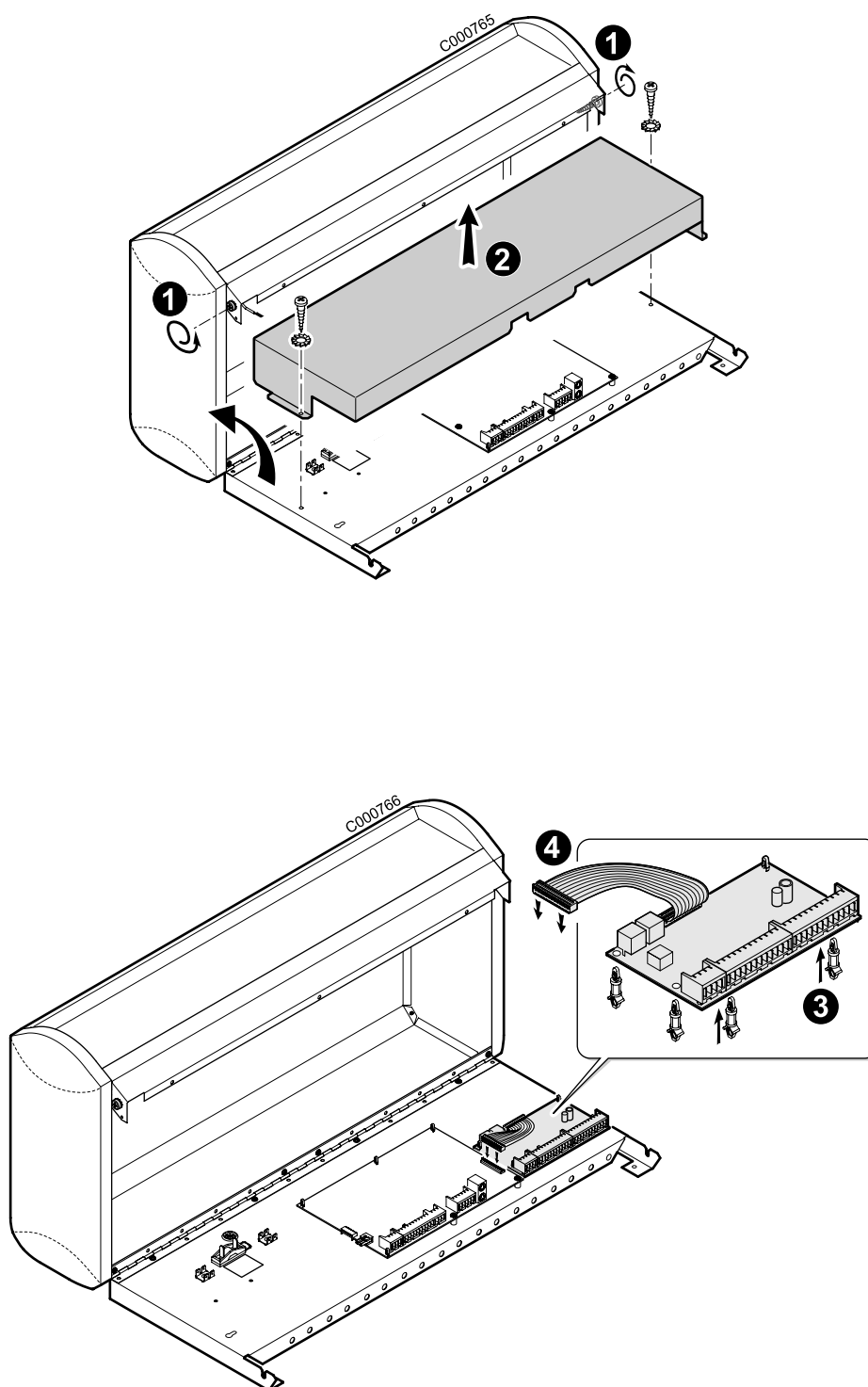
In the context of a cascade installation, the relay + sensor PCB option is used to connect the first circuit with mixing valve to a boiler fitted with a **K3** control panel.

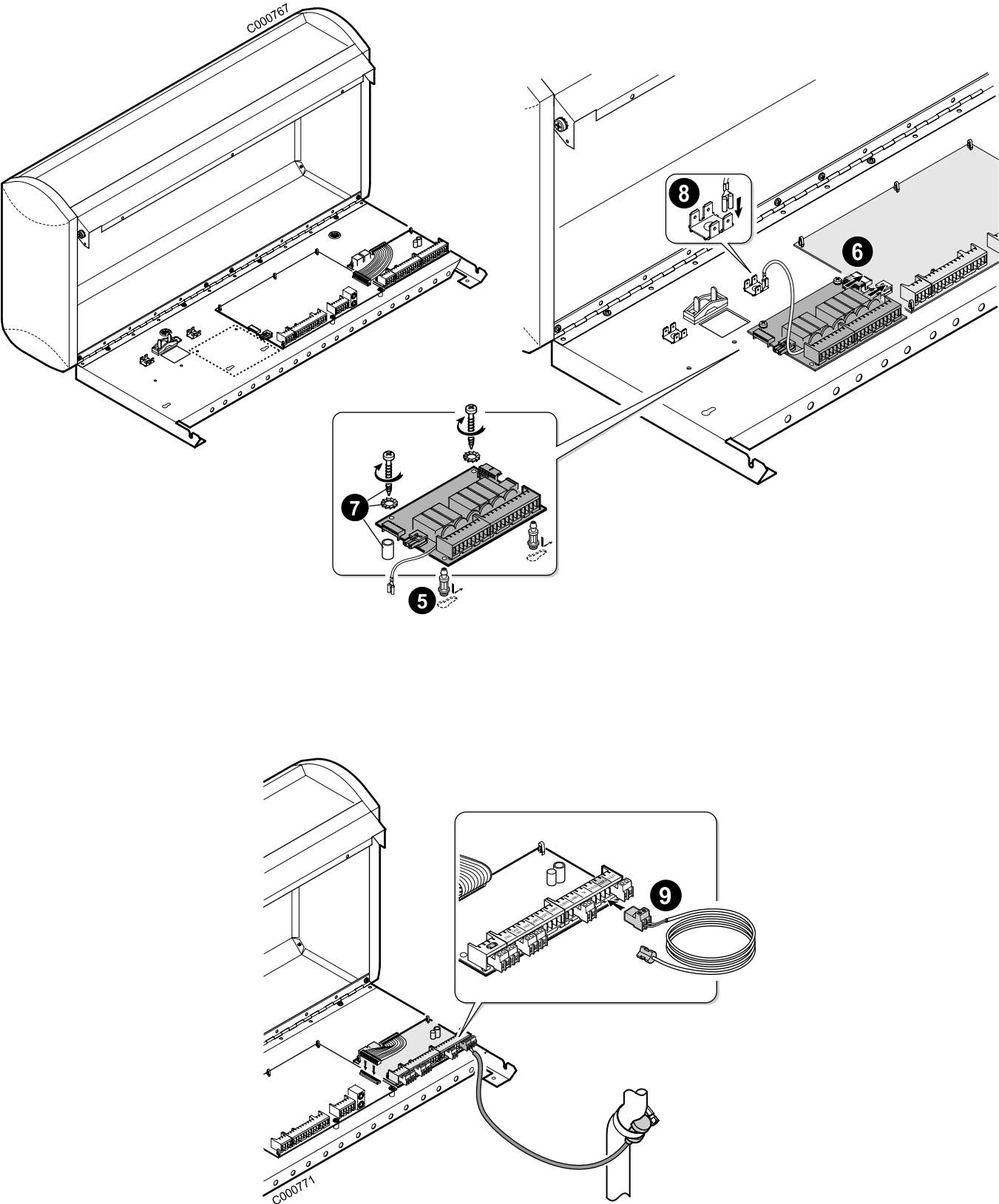
2 Important recommendations

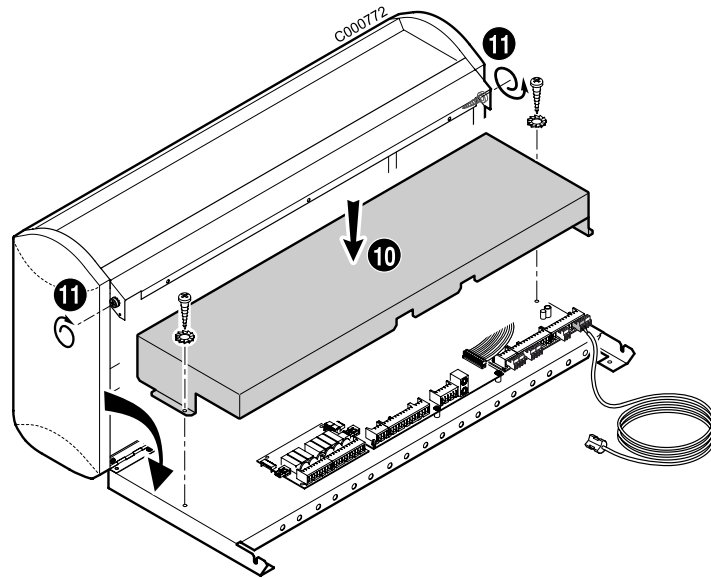
-  Only qualified professionals may carry out electrical connections, always with the power off.
-  As the electrical wiring has been carefully checked in the factory, the internal connections on the control panel must not be changed in any way.
-  Electrical connections must match the electrical diagrams delivered with the equipment and comply with the instructions in the manual.

3 Fitting the PCB AD220

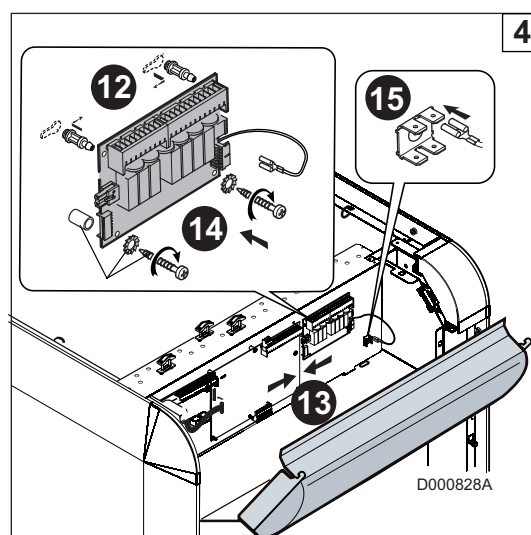
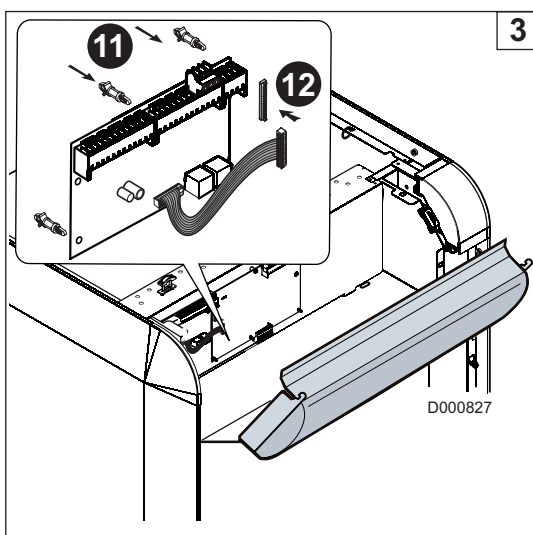
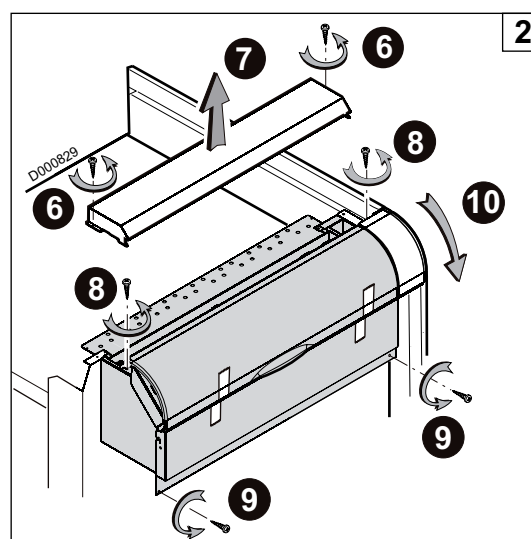
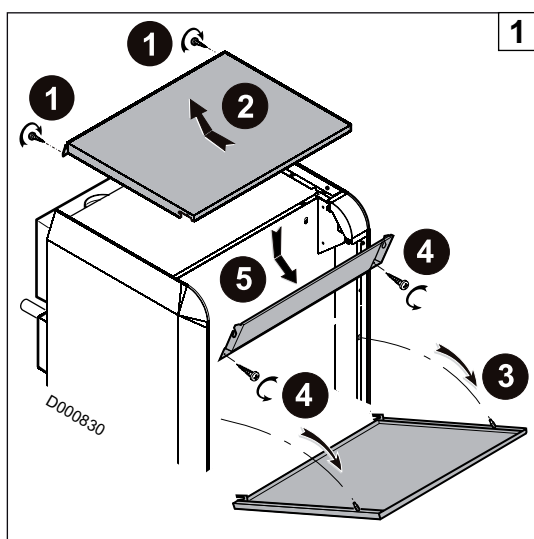
GT 330 / GT 430 / GT 530





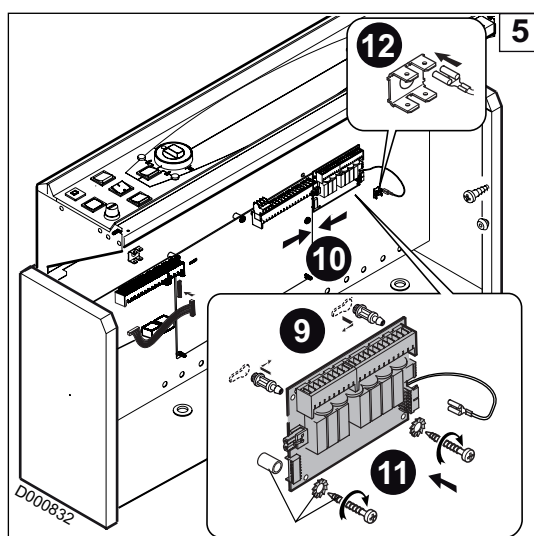
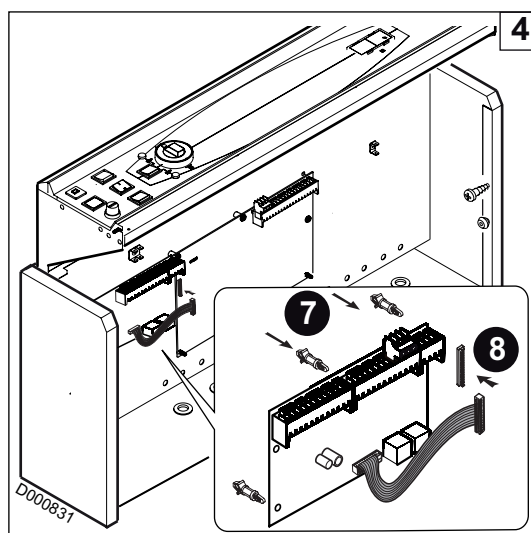
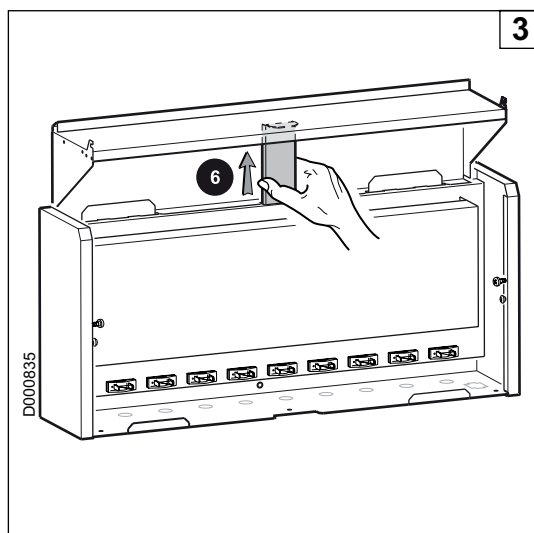
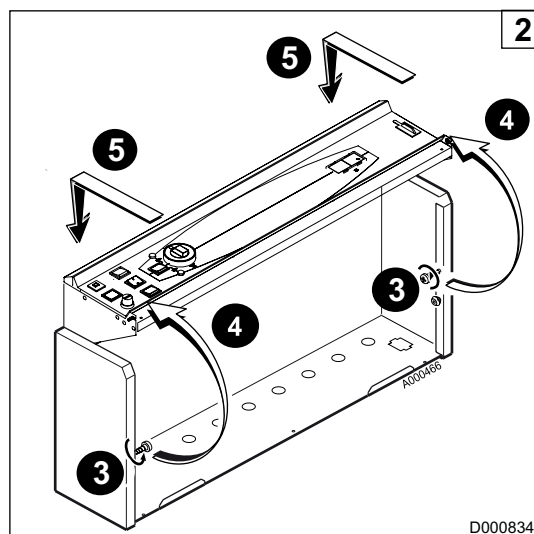
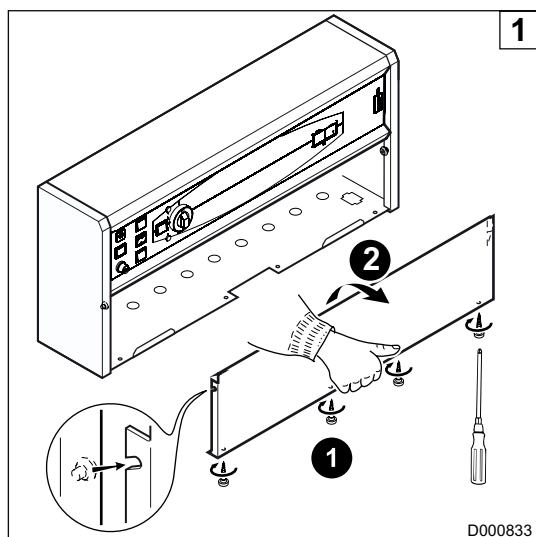


DTG 230 / DTG 330



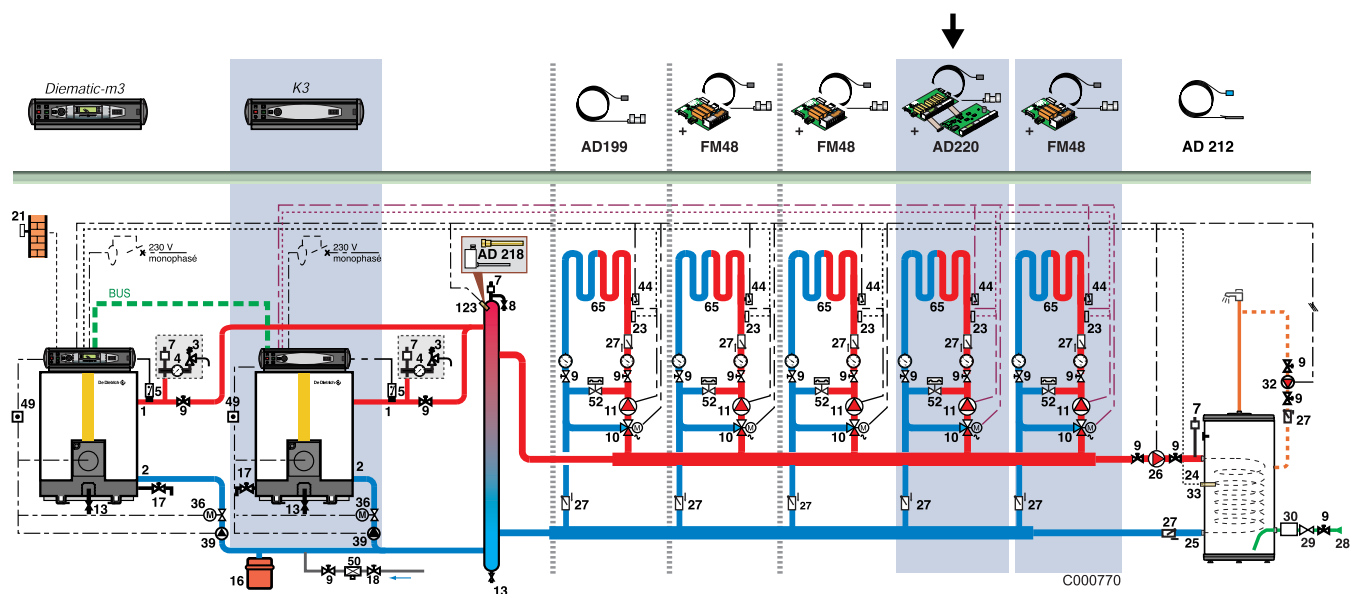
► To re-assemble, proceed in reverse order.

CA 430 / CA 530



► To re-assemble, proceed in reverse order.

4 Example of an installation



- 1 Heating outlet
- 2 Heating return
- 3 3-bar safety valve
- 4 Pressure gauge
- 5 Flow controller
- 7 Automatic air vent
- 8 Manual bleed valve
- 9 Valve
- 10 3-way mixing valve
- 11 Heating pump
- 13 Flush valve
- 16 Expansion vessel
- 17 Draining valve
- 18 Filling the heating circuit
- 21 Exterior temperature sensor
- 23 Mixing valve outlet temperature sensor
- 24 DHW tank heat exchanger primary inlet
- 25 DHW tank heat exchanger primary outlet
- 26 DHW load pump
- 27 one-way valve
- 28 Domestic cold water inlet
- 29 Pressure reducer
- 30 Sealed safety unit calibrated to 7 bar
- 32 Domestic hot water loop pump (optional)
- 33 Domestic hot water temperature sensor
- 36 Motorised gate valve
- 39 Injection pump
- 44 Thermostat limiting the temperature to 65°C with manual reset for underfloor heating (France: DTU 65.8, NF P 52-303-1)
- 50 Disconnector
- 52 Differential valve
- 65 Low temperature circuit (radiators or underfloor heating)
- 123 Cascade outlet sensor

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16/09/08



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