

Central-heating boiler separation system

Connection group with heat exchanger
for protecting sensitive components



certified according to DIN EN ISO 9001: 2008

- Separation of central-heating boiler and heating circuit with various pressures, media or water quality
- Pre-assembled, insulated unit
- Safety valves incl. vent lines, secondary with manometer and MAG connection
- Can be converted to have heating circuit on the left



*The solution for
professionals*

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Central-heating boiler separation system

The product:

The boiler separation system is designed for separating two system components from one another within heating systems.

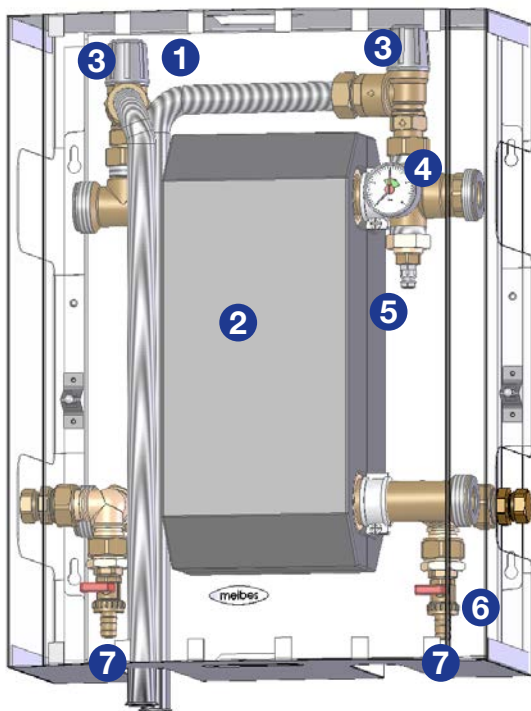
Potential reasons for separating the central-heating boiler (primary circuit) and heating circuits or sections of these (secondary circuit) include:

- a.) Different compositions or qualities (e.g. oxygenated heating water in permeable underfloor heating lines, glycol-filled secondary circuit in sections at risk from frost)
- b.) Different pressures (e.g. in very high buildings, the hydrostatic pressure without a separation system in the cellar is very high (1 bar per 10m of height))
- c.) Other applications: please contact us if you have any queries.

The boiler separation system is intended for wall-mounted installation.

When delivered, the secondary side heating circuit is on the right-hand side (incl. manometer and sensor immersion sleeve for a supply sensor). The system can be converted to a „heating circuit - left“ model by exchanging the supply line connection sockets.

Structure:



- 1 Base plate (galvanised) with cover (sheet steel, painted white)
- 2 Cu-soldered VA plate heat exchanger, insulated (PU foam, polyfoam jacket)
- 3 Safety valve 3 bar, 3/4" x 1" angle, with vent line of VA corrugated pipe
- 4 Manometer 4 bar
- 5 Immersion sleeve for temperature sensor \varnothing 6 mm, with PG screw fitting
- 6 MAG 3/4" male thread connection option, reduced, with end cap
- 7 Fill and drain ball valve 1/2", with hose fitting

Fig.: Execution with boiler left, heating set on the right