**PATENT PENDING**

With advanced electronic functions

- Complete range for low, medium and high temperature systems.
- Remote user interface with chronothermostat function.
- Compact size, simple installation, use and maintenance.
- Control of the return temperature in both heating and DHW mode. Ideal for condensing boilers and district heating applications.
- Instantaneous DHW production with DHW heat exchanger. Weekly programmable preheating function.
- Self-diagnostics and remote control via MODBUS.
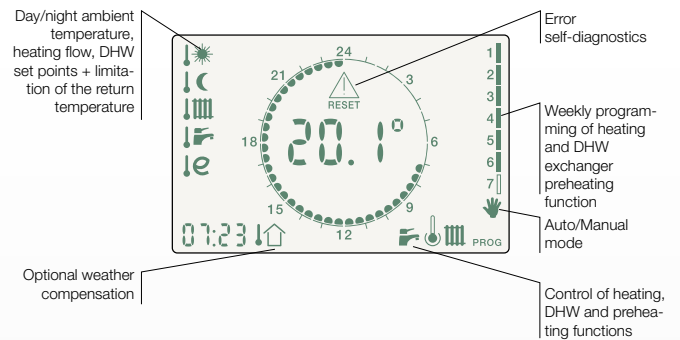
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PRODUCT RANGE
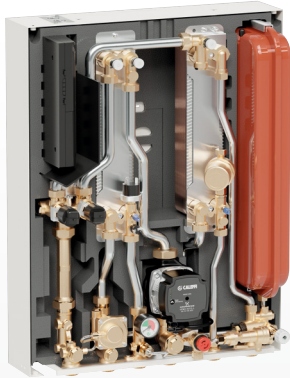
CODE	HEATING TEMP. RANGE	DHW HEAT EXCHANGER
SATK32103	25–45°C (low temperature setting)	A
SATK32105	45–75°C (high temperature setting)	B

CODE	OPTIONAL
789023	First fix jig

DHW HEAT EXCHANGER PERFORMANCE

Heat exchanger A – performance table (DHW 10–48°C)			
Power	DHW flow rate	PRIMARY flow return temp.	PRIMARY flow rate
35 kW	13,2 l/min	60–29°C	970 l/h
35 kW	13,2 l/min	70–24°C	620 l/h
50 kW	18,8 l/min	70–27°C	1000 l/h

Heat exchanger B – performance table (DHW 10–48°C)			
Power	DHW flow rate	PRIMARY flow-return temp.	PRIMARY flow rate
35 kW	13,2 l/min	55–28°C	790 l/h
35 kW	13,2 l/min	60–24°C	830 l/h
50 kW	18,8 l/min	70–22°C	890 l/h
60 kW	22,7 l/min	70–23°C	1100 l/h

USER INTERFACE

Characteristic functions

Day/night ambient temperature, heating flow, DHW set points + limitation of the return temperature

Error self-diagnostics

Weekly programming of heating and DHW exchanger preheating function

Auto/Manual mode

Control of heating, DHW and preheating functions

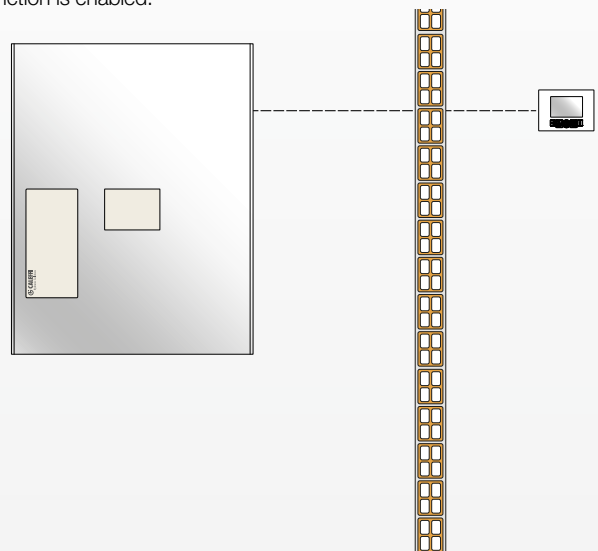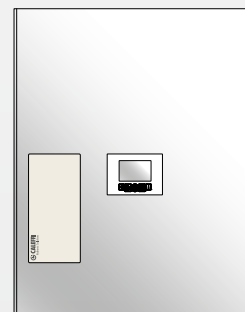Optional weather compensation

Remote installation

The user interface can work as a chronothermostat when the function is enabled.

On the HIU

When left on the HIU the room temperature control function can be disabled.

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