



**WALL MOUNTED
DIRECT HEAT
INTERFACE UNITS
WITH ADVANCED
ELECTRONIC FUNCTIONS**

CALEFFI
Hydronic Solutions



Heat systems

Correct measurement for correct management



PATENT PENDING

FUNCTIONS AND FEATURES

- Complete range for low, medium and high temperature systems.
- Compact size, simple installation use and maintenance.
- Instantaneous DHW production with DHW exchanger weekly programmable preheating function.
- Remote user interface with chronothermostat function.
- Control of the return temperature in both heating and DHW mode. Ideal for condensing boilers and district heating applications.
- Self-diagnostics and remote control via Mod-BUS.

PRODUCT RANGE



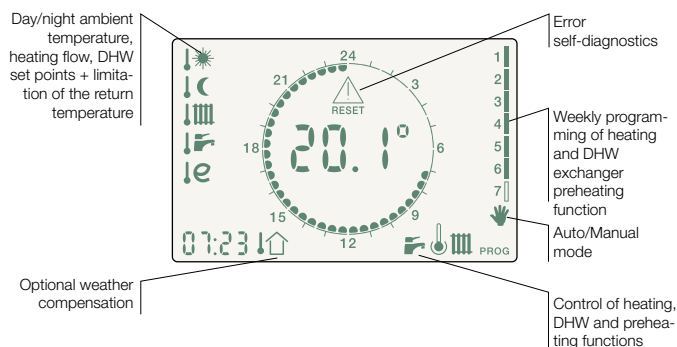
CODE	HEATING TEMP. RANGE	DHW HEAT EXCHANGER
SATK22 103	25–45°C	A
SATK22 105	25–45°C	B
SATK22 203	45–75°C	A
SATK22 205	45–75°C	B
SATK22 303	max 90°C	A
SATK22 305	max 90°C	B
SATK22 403*	max 90°C	A
SATK22 405*	max 90°C	B

(*) with primary pump

CODE	OPTIONAL
789 023	First fix jig

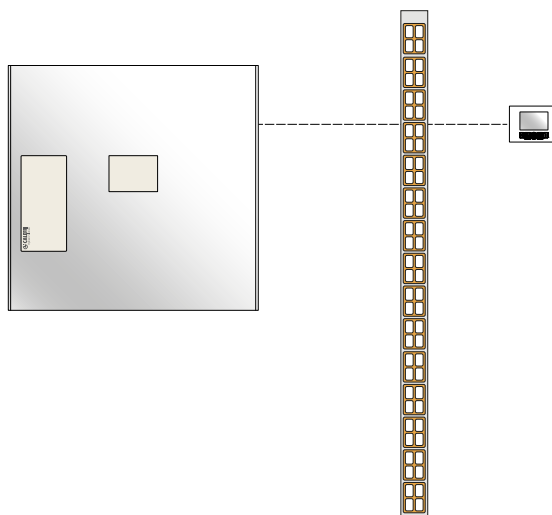
USER INTERFACE

Characteristic functions



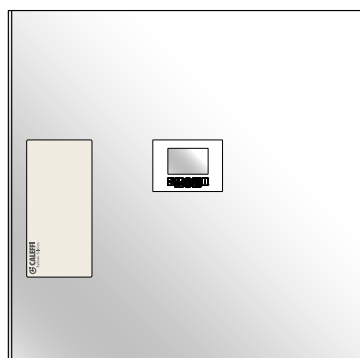
Remote installation

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.



DHW HEAT EXCHANGER PERFORMANCE

Heat exchanger A – performance table (DHW 10–48°C)

Power	DHW flow rate	PRIMARY flow return	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	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



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