COMPACT HEAT INTERFACE UNIT FOR INSTANTANEOUS DHW PRODUCTION

CALEFFI Hydronic Solutions

Heat systems

Energy management requires accurate measurement

WALL-MOUNTED VERSION - SATK20 SERIES

RECESSED VERSION - SATK50 SERIES

FUNCTIONS - FEATURES

- Ideal for condensing boilers thanks to dynamic control of the thermal load.
- Complete range for low, medium and high temperature systems.
- Compact size in both wall-mounted and recessed versions.
- Instantaneous DHW production with DHW exchanger preheating function.
- Simple installation, use and maintenance.
- Fitted for heat metering.

PRODUCT RANGE - SATK20 SATK50

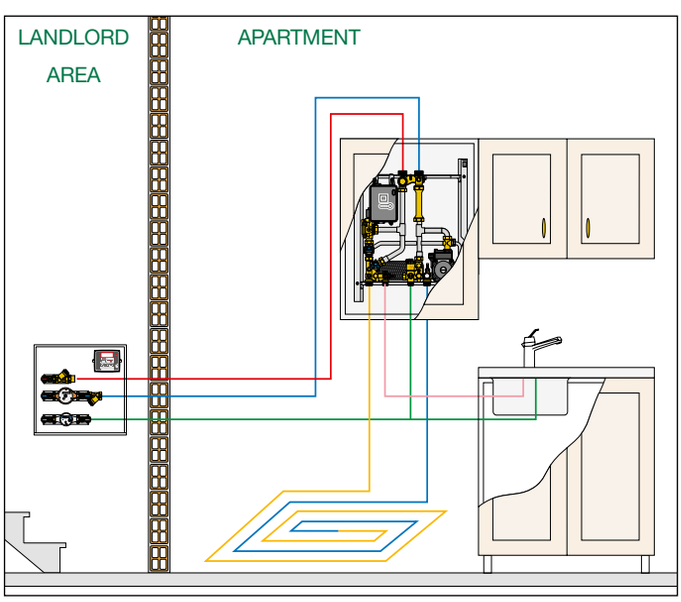
WALL-MOUNTED VERSION	
CODE	HEATING RANGE
SATK20103HE*	25–45°C
SATK20203HE*	45–75°C
SATK20303	ON/OFF max. 85°C
SATK20305	ON/OFF max. 85°C
SATK20403HE**	ON/OFF max. 85°C
SERIES	DIMENSIONS
SATK20	450x550x265

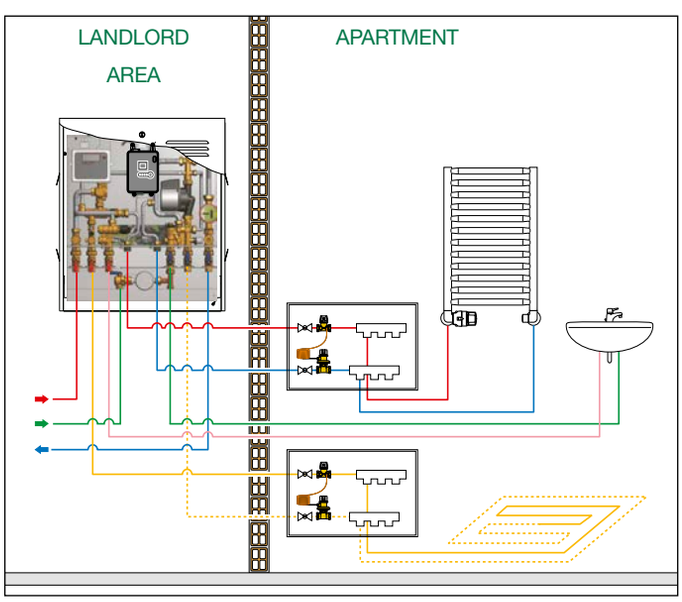
RECESSED VERSION	
CODE	HEATING RANGE
SATK50103HE*	25–45°C
SATK50203HE*	45–75°C
SATK50303	ON/OFF max. 85°C
CODE	DESCRIPTION
794950	Template box for SATK50
794540	Domestic water template 3/4"
SERIES	DIMENSIONS (WITH BOX)
SATK50	600x700x120

** modulating temperature regulation with compensated set point*
*** with pump on the primary side*

TECHNICAL SPECIFICATIONS	
DHW HEAT EXCHANGER NOMINAL CAPACITY	40 kW (65 kW SATK20305)
MAX. DHW TAPPING RATE	18 l/min (27 l/min SATK20305)
DHW CIRCUIT Pmax	10 bar
PRIMARY CIRCUIT Pmax	10 bar
MAX. MEDIUM TEMPERATURE	85°C
ELECTRIC SUPPLY - MAX POWER	230 V (ac) - 50 Hz - 80 W (with pump) / 20 W (SATK2030. / SATK50303)
OPTIONAL FUNCTIONS	DHW EXCHANGER PREHEATING FUNCTION
COVER	grey EPP (SATK20) - RAL9010 steel (SATK50)

APPLICATION DIAGRAM





REFERENCE DOCUMENTATION:

SATK20 series - Technical brochure 01209

SATK50 series - Technical brochure 01212

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