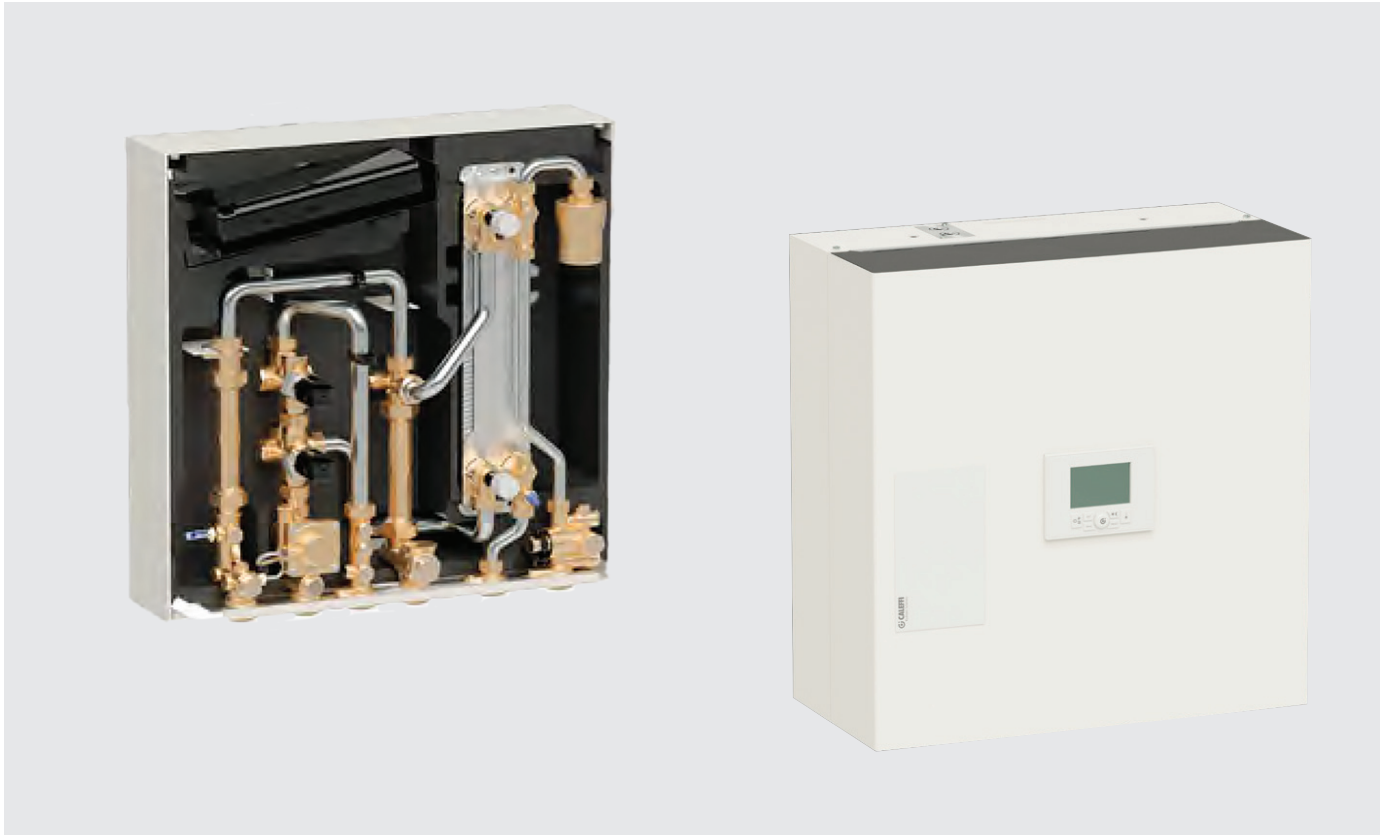


COMPACT WALL MOUNTED
DIRECT HEAT INTERFACE UNIT
INSTANTANEOUS DHW PRODUCTION
HIGH TEMPERATURE

altecnic
CALEFFI group

SATK22303 HIU



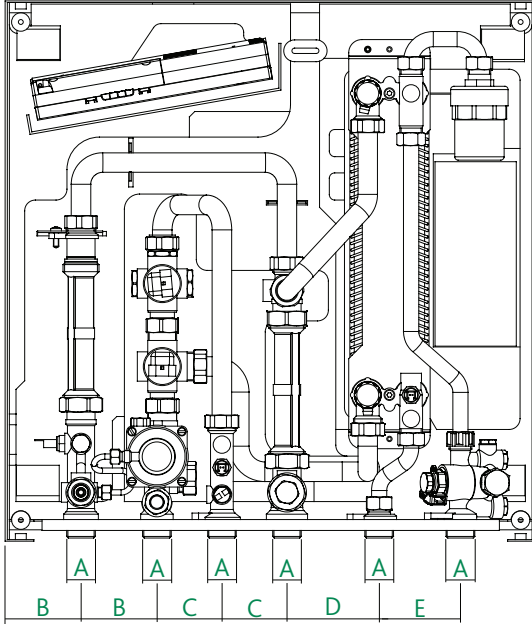
Functions and Features

- Wall-mounted direct heat interface unit for HIGH temperature heating and domestic hot water which has 100% priority
- Return temperature limitation (RTL) - Primary flow rate limitation - Programmable keep warm (CP1 best practice)*
* requires activation using the controller
- Max. temperature 90°C
Heat exchanger 50 kW
Primary and secondary water circuits completely separate
- Dual function user interface and room chrono-thermostat. Can be installed either on the HIU or the wall, in a position where the temperature is significant for heating control
- Compact size, simple installation, use and maintenance, reversible installation to allow top or bottom entry pipework
- If the room chrono-thermostat is fitted on the cover of the HIU, the thermostat function can be disabled. Each zone in the apartment must have its own independent chrono-thermostat



Dimensions

Overall Dimensions: W 490 x H 500 x D 245



A	B	C	D	E
G $\frac{3}{4}$ M	70	60	85	75

Technical Specification

Maximum medium temperature:	90°C
Maximum working pressure: - primary circuit:	10 bar
- domestic water circuit:	10 bar
DHW heat exchanger capacity:	50 kW
DHW temperature range:	10 to 48°C
Primary circuit flow rate:	1000 l/hr
Primary flow return temperature:	70 to 27°C
Domestic hot water flow rate:	18.8 l/m
Nom. pressure loss on primary circuit:	Δp 50kPa
Max. head on primary circuit:	Δp 6 bar
Min. flow to activate domestic water meter:	1.5 l/m
Electric supply:	230 V ac \pm 10% 50Hz
Max. Power consumption:	80 W
Protection class:	IP 4
Actuators:	stepper 24 V
Probes:	NTC 10 k Ω
Heat meter ready:	G1 x 130mm

Accessories



789110 Manual flushing bypass

System side connections: $\frac{3}{4}$ " F

HIU side connection: $\frac{3}{4}$ " M

ALT-BVHIU06 secondary ball valve pack



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Altecnic Ltd Francesco House, Staples Close, Stafford ST16 1WQ

T: +44 (0)1785 218200 E: sales@altecnic.co.uk

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altecnic.co.uk

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