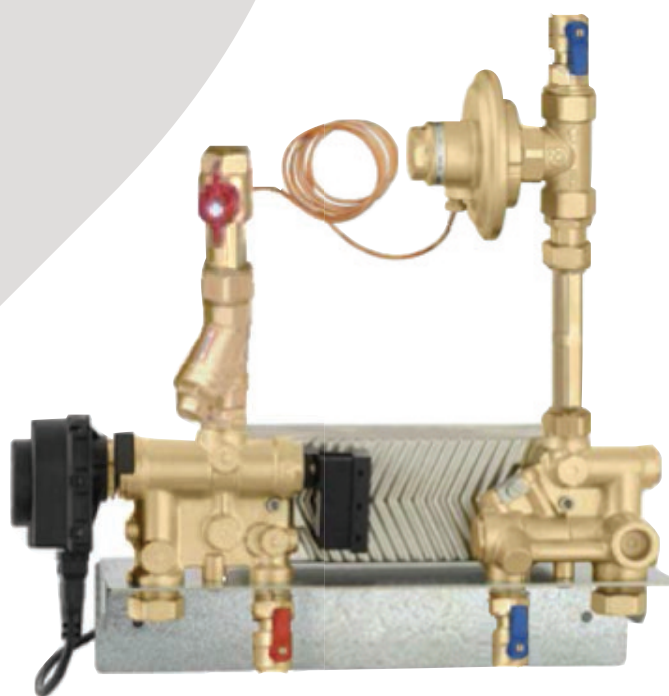


SATK123

heat interface unit

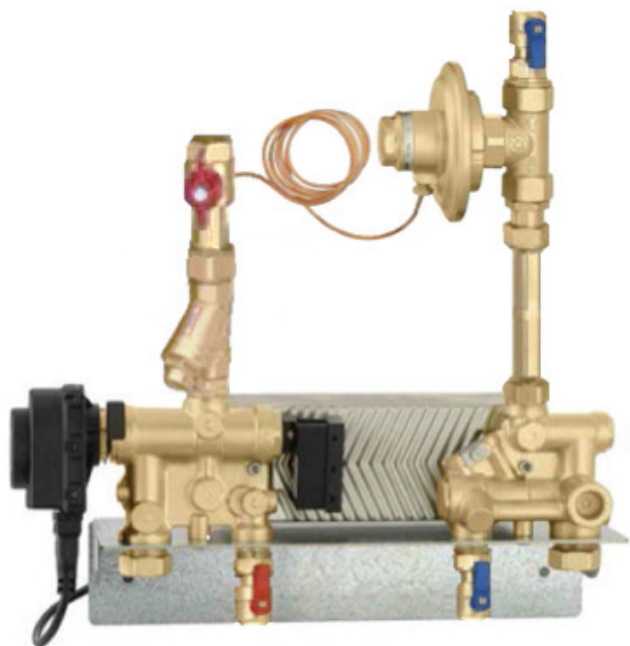


 **CALEFFI**
Hydronic Solutions



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SATK123 heat interface unit



Introduction

The SATK12303 indirect heat interface unit (HIU) provides high temperature heating in single apartments within a centralised boiler or district heating system.

Design

The SATK12303 HIU is a two way system with on/off regulation coupled with an electric actuator controlled by a thermostat.

The complete separation between the primary and secondary heating makes this HIU suitable for use in buildings served by remote heating.

Technical Specification

Component

Frame:	Galvanised steel
Heat exchange:	Brazed stainless steel
Connecting pipework:	Stainless steel
Pipes:	Copper
Body:	Brass BS EN 12165 CW617N

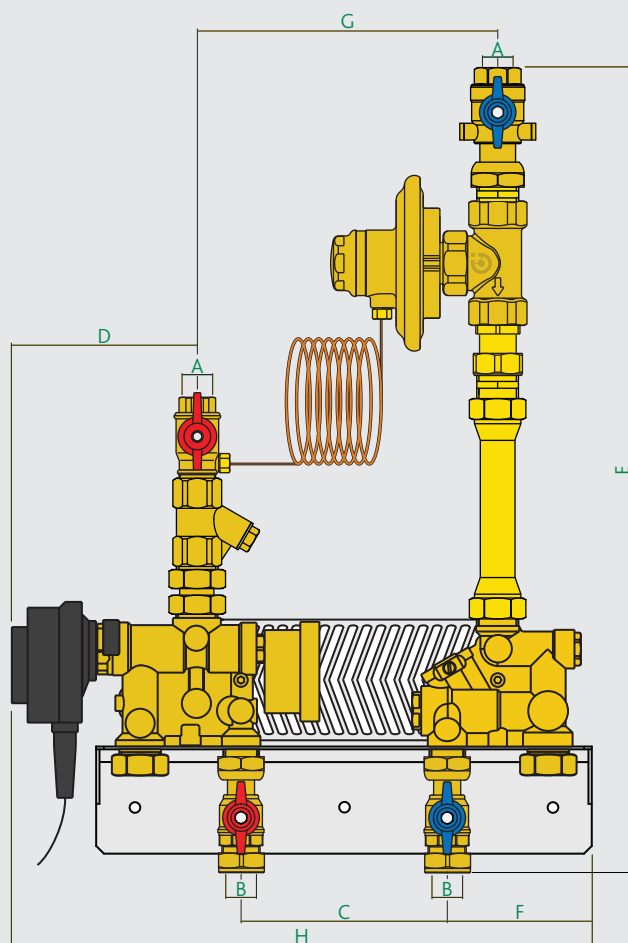
Performance

Medium:	Water (max. 30% glycol)
Maximum temperature:	85°C
Maximum working pressure:	10 bar
Heat exchanger capacity:	15 kW
DPC valve differential pressure set point:	15 kPa
Secondary circuit hydraulic characteristic:	Kv = 1.78 m ³ /h
Weight:	10 kg
Connections:	primary ¾" female
	secondary ¾" female

Electrical Specification

Voltage:	220-240 V
Frequency:	50-60 Hz
Current:	20 mA
Operating temperature:	0-70°C
Protection class:	IP44

Dimensions

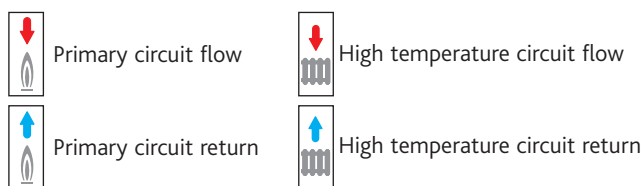
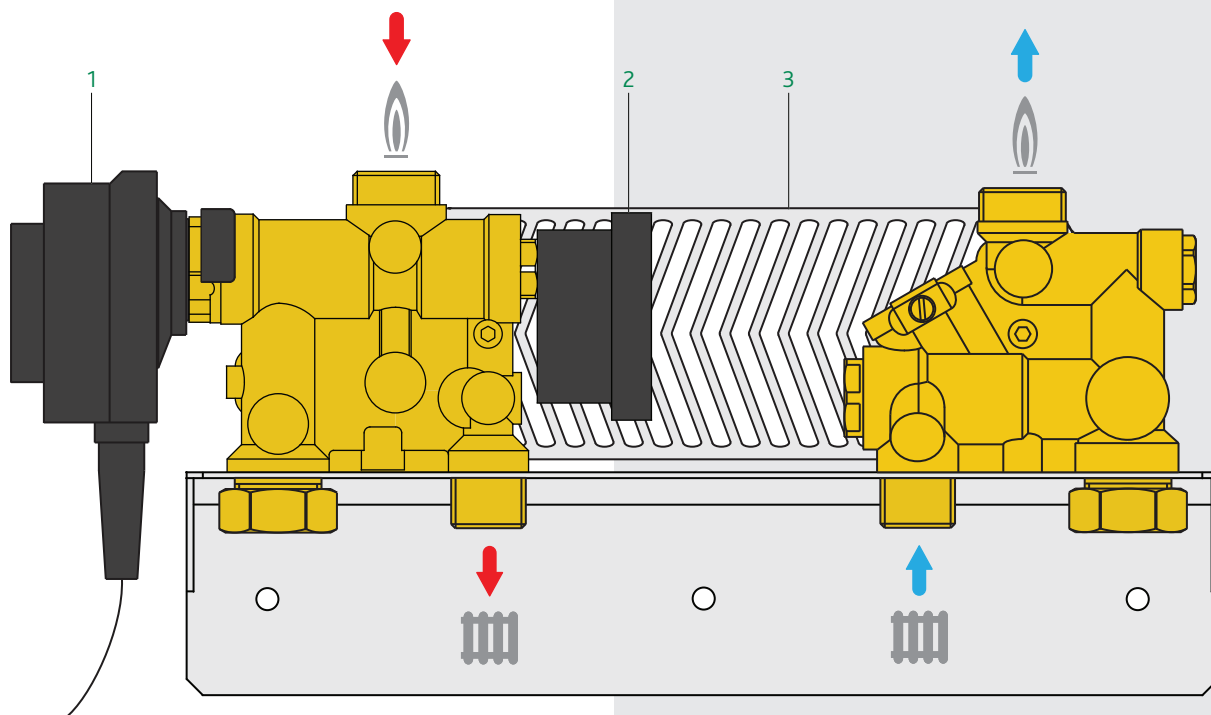


Prod Code	A	B	C	D	E
SATK12303	G¾	Ø22	113	120	600

Prod Code	F	G	H	kg
SATK12303	65	195	371	

SATK123 heat interface unit

Components



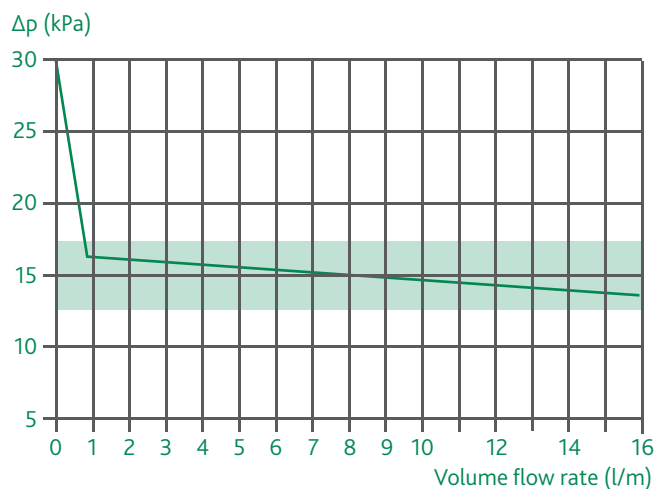
Components

- 1 Electrical actuator
- 2 Auxillary microswitch
- 3 Brazed heat exchanger (40kW)

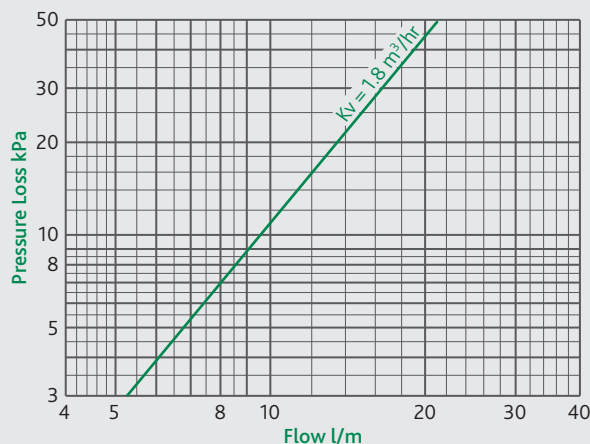
Operation

When the thermostat commends the opening of the 2-way valve the microswitch starts the pump.

DPCV- differential pressure control



Headloss - secondary circuit of HIU



E & O.E
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