

# LK 100 SmartComfort CT

## TECHNICAL DATA

Primary voltage, adapter	100-240 VAC, 50/60 Hz
Secondary voltage, adapter	24 VDC
Ambient temperature, actuator	Min. 0°C / Max. +50°C (in operation)
Power consumption	< 3 VA
Angle of rotation	90°
Torque	5 Nm
Control range, flow temperature	5°C - 99°C
Protection class, actuator	IP 40



## Items included

- Constant temperature controller
- Adapter
- Mounting kit for mixing valve
- Supply temperature sensor with 1 m cable





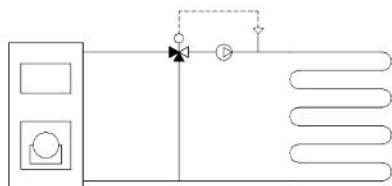
### Constant Temperature Controller

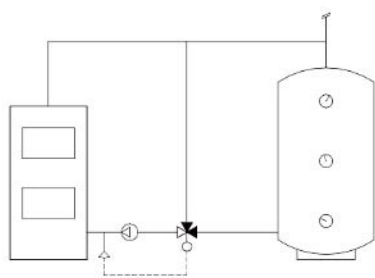
LK 100 SmartComfort CT is an electronic temperature controller designed to keep the supply temperature in underfloor heating systems or the return temperature to solid fuel boilers at a constant level.

LK 100 SmartComfort CT has an automatic choice of direction to adapt to the direction of the mixing valve. LED-indicators show if the controller is opening or closing the valve. The flow temperature is adjustable 5°C - 99°C. The desired temperature is easily set with the push buttons marked “+” and “-“. The selected value will be shown on the LED-display.

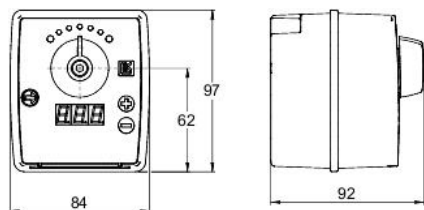
LK 100 SmartComfort CT is easy to install onto new as well as existing mixing valves. Mounting kits for installation onto mixing valves of other brands are available - see separate page.

The plug-in adapter provides quick and easy do-it-yourself installation. In case of a power outage the controller will keep its settings and the actuator will stop in its current position. By disengaging the controller, the mixing valve can be manually operated.





## LK 100 SMARTCOMFORT CT



## SPARE PARTS AND ACCESSORIES

Article number	Article	Weight kg
181242	LK 100 SmartComfort CT - EU	0.5
181248	LK 100 SmartComfort CT - UK	0.5
181249	LK 100 SmartComfort CT - US	0.5

Article number	Article	Position number
187098	Constant temperature controller SmartComfort CT	1
025010	Adapter 24 VDC - EU	2
025011	Adapter 24 VDC - UK	2
025012	Adapter 24 VDC - US	2
181260	Mounting kit LK	3
025013	Supply temperature sensor 1 m cable	4