



Thermostat | S F-500-E U
User Manual -E N



Danfoss Living Connect is compatible with most radiators. Danfoss Living Connect has 24-month average battery lifetime.

Danfoss Living Connect is compatible with most radiators and comes with R A-valve adapter and M30 x 1,5 (K) valve adapter.

Product Specification

Control system/input	Standard Z-Wave control units
Transmission frequency	Wireless Z-Wave/868.42 MHz
Transmission range	Up to 30 meters
Synchronizing	Every 5 minutes
Screen/display	Grey digital with backlit
Actuator type	Electromechanical
Software classification	A Control PID
Power supply	2x1.5V AA alkaline, class III
Battery Life	2 Y ears
Low Battery Signal	Battery icon and alarm bell will flash in display. If the battery level is critical, display will flash.
Ambient temperature	0 to 40°C
Transportation temperature range	-20 to 65°C
Temperature setting range	4 to 28°C
Size	R A: L: 91 mm Ø:51 mm/K: L78 mm Ø: 51 mm
Battery	177g
Safety Classification	Type 1
Mechanical Strength	70 N (max. force from valve)
Maximum Water Temperature	90°C
Temperature sampling	Measures temperature every minute

Installation Danfoss living connect is supplied with adapters for Danfoss R A valves and valves with M30X1.5 (K) connections (014G0002), two alkaline AA batteries and a 2 mm Allen key.

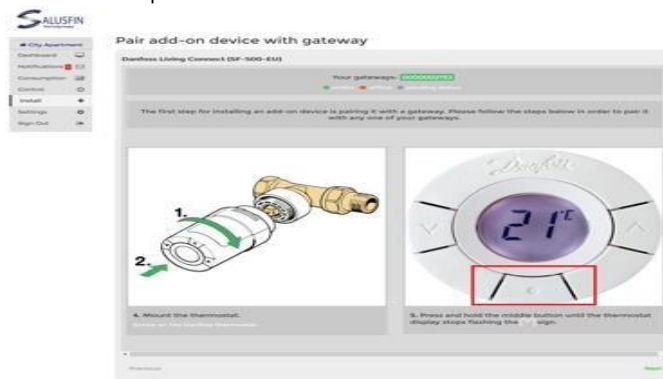
Mounting Smart Thermostat to Radiator

Remove the old thermostat.

If it is a type R A thermostat, you will find a small screw on the side - loosen it with the Allen key (included in the box) to remove the thermostat.

If it is a type K thermostat, remove it by firmly twisting the innermost part (close to the pipe) counter-clockwise.

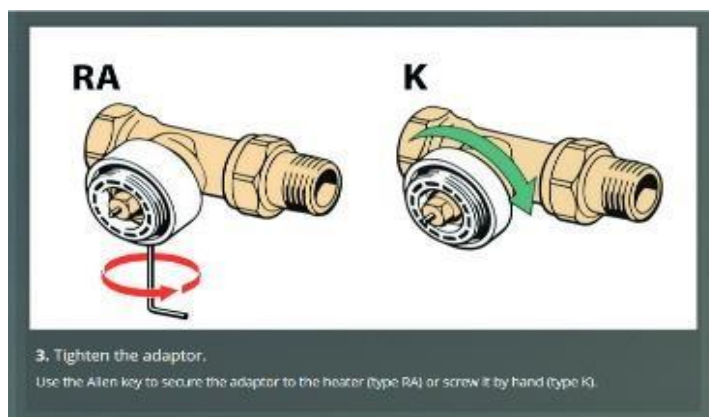
In case of installation problems (e.g. very old heater valve) you need to buy the Danfoss adapter valve kit



Attach and tighten the Thermostat to the adapter.

Mount the thermostat to the Radiator, rotating clockwise.

Press hold the middle button until the thermostat display stops flashing.



On the RA type, tighten the small screw. The K type, adapter is tightened onto the radiator.