

Instat 868-r Wireless Programmable Room Thermostat

For Underfloor Heating Systems



The wireless Instat 868-r is a programmable electronic clock room thermostat with a large LCD digital display which shows actual temperature and time.

- **Wireless connectivity avoids the need to re-decorate and provides flexibility on mounting position**
- **Easy commissioning via push button learning mode**
- **Optimised by only 4 buttons**
- **Large LCD digital display**
- **Self - learning heating curve**

Instat 868-r Wireless Programmable Thermostat

Features

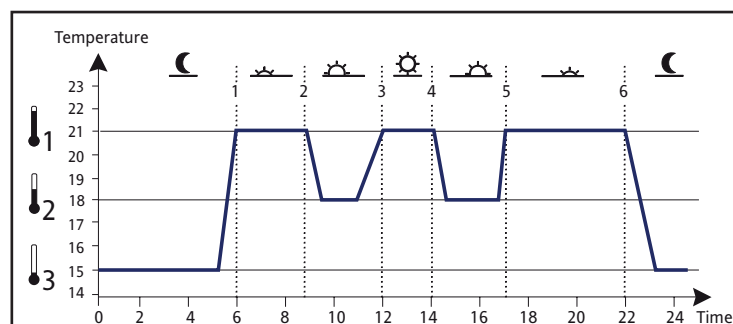
Battery-powered, electronic programmable thermostat with a large LCD digital display for actual temperature, time etc. The clock thermostat is placed freely in the room – no wiring needed – for wireless radio communication to the receiver.

- Self-learning heating curve
- Editable weekly and daily standard programs with 6 time/temp pairs per day
- 3 temperature levels
- Holiday function
- Frost protection
- Party function
- Pump/valve protection
- Manual operation
- Locking against unauthorised use
- Operating hours counter

Heating curve (default settings)

Standard temperatures: = 21°C (comfort) = 18°C (activity) = 15°C (economy)

Time range	WEEKLY-PROGRAM			DAILY-PROGRAM			
	Starting time (Mo, Tu, We, Th, Fr)	Temperature (Mo, Tu, We, Th, Fr)	Start. time (Sat)	Temperature (Sun)	(Sat, Sun)	Starting time (Daily program)	Temperature
Morning	6.00	21°C	7.00	7.00	21°C	7.00	21°C
Mid-morning	8.30	18°C	10.00	10.00	18°C	10.00	18°C
Noon	12.00	21°C	12.00	12.00	21°C	12.00	21°C
Afternoon	14.00	18°C	14.00	14.00	21°C	14.00	21°C
Evening	17.00	21°C	17.00	17.00	21°C	17.00	21°C
Night	22.00	15°C	23.00	23.00	15°C	23.00	18°C



Default settings

ready for operation without programming

Display of 3 temperatures across 6 time ranges

The unit automatically recognises when heating should be started in order to reach the desired comfort temperature at the set time (self-learning heating curve).

Technical Data

Type	Instat 868-r
Product code	0536 20 296 033
Adjustable setpoint temperature	5 - 40 °C in 0.5-K increments. Actual temperature display 0 - 60 °C in 0.1-K increments
Frost protection	6 °C for 1 - 199 days
Display	LCD display of room temperature, time, day, operating mode, time zone and temperature zone
Clock	24 hours, in 1-minute increments – min. switching time 10 minutes
Temperature sensor	Internal
Supply voltage	Two AA 1.5 V batteries* (Alkaline LR06)
Frequency	868 MHz
Transmission range	1 ceiling and 2 walls
Antenna	Internal
Degree of protection / colour	IP 40 / pure white (RAL 9010)
Dimensions	(W x H x D) 71 x 142 x 22 mm

* included; battery life approx. 5 years

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