



Satel ART-210 ABAX 2 Two Way Wireless System Control Owner's Manual

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Satel ART-210 ABAX 2 Two Way Wireless System Control



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Important Information

The ART-210 is a wireless radiator thermostat designed to control the temperature in closed rooms and thus reduce energy consumption. The thermostat allows remote and manual control of the radiator valve. The ART-210 is designed to operate as part of the two-way ABAX 2 wireless system. It is supported by:

- ACU-220 or ACU-280 controller (with firmware version 6.08 or newer)*
- ARU-200 repeater.
- temperature adjustment in the range from 5°C to 30°C
- 3 operating modes
- remote or manual control
- fast heating function (Boost Heat)
- option to close the valve manually
- valve descaling function
- open window detection
- anti-freeze protection
- Child Lock

- built-in temperature sensor (measuring range: -10°C...+55°C)
- option of using an external temperature sensor (another ABAX 2 device)
- LCD display for easier control and configuration
- option to rotate messages on the display by 180°
- encrypted two-way radio communication in the 868 MHz frequency band (AES standard)
- transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals in the 868 MHz frequency band
- device firmware updated remotely
- “ECO” option for longer battery life
- battery status control
- installation on valves with the M30x1.5mm threaded connection
- included accessories:
 - adapter for mounting on a Danfoss RA, Danfoss RAV and Danfoss RAVL valves
 - reducer ring for easier installation on valves with smaller diameter

*The device is not supported by the ACU-220 / ACU-280 controller connected to the VERSA series control panel.

Specification

Battery working time (in years)	up to 2
Enclosure dimensions	ø56 x 97 mm
Operating temperature range	-10°C...+50°C
Weight	166 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 500 m
Battery	2 x 1,5 V LR6 AA
Standby current consumption	74 µA
Temperature measurement accuracy	±0,1°C
Temperature measurement range	-10°C...+50°C
Temperature control range	5°C...30°C
Temperature control accuracy	±0,5°C
	2,3 V

Customer Support

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only. www.satel.pl





Documents / Resources



[Sate1 ART-210 ABAX 2 Two Way Wireless System Control](#) [pdf] Owner's Manual
ART-210 ABAX 2 Two Way Wireless System Control, ART-210, ABAX 2 Two Way Wireless System Control, Way Wireless System Control, Wireless System Control

References

-  [SATEL – Inteligentne systemy alarmowe](#)
-  [TCPDF](#)
- [User Manual](#)

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