

UTES UNDERGROUND THERMAL ENERGY STORAGE MONITORING SYSTEM

WHAT DOES UTES MEAN?

Underground thermal energy storage monitoring, using its own internal WiFi network in real time. UTES is a system recommended for all ground source heat pump installations GSHP, ensuring its continuous temperature measurement. UTES enables optimization of the work of the GSHP, reducing the costs of its use. 24h/7 access to the system, history and statistics. UTES is dedicated to newly designed as well as existing GSHP installations. An uncomplicated installation on indoor manifolds, manifold chimbers and manifold cabinets.

HOW TO READ THE UTES DATA?

The system does not require installing additional software on stationary or mobile devices. Reading data through a web browser from any place on any device: PC, MAC, Linux, IOS, Android. Immediate configuration using QR codes.



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PRODUCT FEATURES

Warranty 2 years

Temperature from -55°C to +125°C

measurement

Average power 350 mA

consumption

Power supply 100-240VAC Frequency 50/60 Hz

WiFi module Standard: WiFi 802.11 b/g/n

2.4 GHz frequency

Supports security WPA / WPA2 Range up to 100m in open area

Built-in antenna SSID: UTES http://1.1.1.1

IP protocol: DHCP

Installation The system does not require installing additional

software on stationary or mobile devices

Casing material IP68 Standard

Housing color grey

The casing

dimensions $140 \times 125 \times 90 \text{ mm}$

Antenna Built-in

Accuracy +/- 0.5 °C in the range of -10 °C do 85 °C

Design Sator

