

1 Data information notice in accordance with Regulation (EU) 2023/2854 (EU Data Act) for connected products

Products:

- CS3000 AWP
- CS7000 AW
- WLW276
- WLW376

Connected products and related services of Bosch Thermotechnik GmbH generate various data and information during their use. The following provides information about the data transferred and made available when using the product and related services, how to access this data, and your data rights.

2 Type, format, and estimated volume of product data

The following data may be generated during operation of the product. The data generated varies depending on the specific use of the product.

Types of product data

- Physical data: Current data (e.g. temperature, pressure, power, energy).
- Device identification data (e.g. serial number, hardware and software version).
- Status data (e.g. on/off, present/not present).
- Error messages.
- Setting values / user configurations (e.g. room setpoint temperature, time programs).

Estimated volume

The amount of data varies depending on the type of data and the use of the Service, with data volumes per data point ranging from 9600 Bit/s to 9600 Bit/s.

Data format

The data is stored within the product in various data formats and, as part of a data export, is provided at least in the following data format:

- Modbus Register Data Points (UINT16, SINT16, Boolean)

Currentness of data

The data in the product is generated during use and operation in real time and continuously.

The Data is continuously updated over the Modbus RTU interface and can be accessed via the XC terminal H1 and H2 connectors on the APR board.

More than 100 variables are transmitted via this interface and can be read out individually or batched together to a higher-level bus system. An overview of all available data points is available.

3 Storage location and retention period

The product does not store product data.

The heat pump itself does not store product data for third-party access. It generates real-time consumption data (based on power values) for energy monitoring purposes. These transient consumption values are accessible via the Modbus RTU interface but are not permanently stored by the heat pump unit.

4 Access modalities

You can access the data generated and potentially stored within the product as follows:

Local interface:

- Data is accessible over the Modbus RTU interface available on the XC terminal H1 and H2 connector on the APR board. To access the available data points a connection towards a higher-level bus system is necessary.

Data access requires the use of:

The higher-level system needs to have a Baudrate of 9600 Bit/s, a RS485 interface with 2 * 0,7 mm² shielded cables (max. 50 m) and the following Modbus RTU parameters (8 Data Bits; Parity: None; Stop Bits: 1). The Heatpump acts as a slave and supports the following function codes: 01(0x01)-Read Coils, 03(0x03) - Read Holding Register, 06(0x06) - Write Single Register, 16(0x10) - Write Multiple Register.



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