

13 March 2023

Convenience times five

Buderus adds a fresh water station available in five sizes to its Logaflow HSM plus modular hydraulic system

Heating contractors use the Logaflow HSM plus modular hydraulic system from Buderus to quickly implement the hydraulics of conventional, bivalent or multivalent medium-sized and large systems. The system expert's energy and storage management system is now also available with a fresh water station – ideal for combination with heat pumps. This saves even more time during installation. Buderus is presenting the Logaflow HSM plus WW/WWE fresh water station at ISH 2023.

Draw-off rate of up to 290 l/min

Installers can choose between a fresh water station with copper soldered heat exchanger (WW) and a variant with full stainless steel heat exchanger (WWE). In addition, the fresh water station is available in five different sizes. It offers a high draw-off rate at low buffer storage tank temperatures of 45 to 240 l/min at a buffer temperature of 65 °C and an outlet temperature of 60 °C or of up to 290 l/min at 70/60 °C. If a higher draw-off rate is required, several modules can be connected in parallel. As the straight way valve and pump are controlled together, the desired outlet temperature can be controlled very quickly and precisely, especially at low draw-off rates. A circulation pump is integrated.

Also included is a controller with Modbus interface: system operators can thus optimally integrate the Logaflow HSM plus WW/WWE fresh water station into the heating system or a building management system via the Logamatic 5000 control system. Alternatively, stand-alone operation is also possible.

Buffer management system included

An optional pre-control function provides protection against calcification at high heating water temperatures. Convenient: a buffer management system with three sensors is also integrated. It permits

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to request the charging of the buffer storage tank and to monitor the buffer temperature. In addition, heat requests for up to two temperature levels are possible, for example a low-temperature level for the heat pump and a high-temperature level for electric or conventional reheating. If required, heating contractors can also implement a temperature-sensitive return feed – this is ideal for optimum temperature stratification in the buffer storage tank for the efficient integration of renewable heat generators into the heating system.

Convenient combination of modules

The Logaflow HSM plus modular hydraulic system from the system expert Buderus enables time-saving installation of even complex hydraulic systems. Heating contractors can choose from a variety of heating circuit modules permitting, for example, the charging of a buffer or domestic hot water storage tank or the supply of heat to a mixed or unmixed heating circuit. Thanks to the modular system, even functional extensions can be realised quickly and effortlessly – for example a heat source bypass for the peak load boiler or a module for the supply of heat exclusively via a buffer storage tank. An optional ten-inch touch display for the module box provides an even better overview of the Logaflow HSM plus energy and storage management system for heating systems.



Caption:

The Logaflow HSM plus energy and storage management system from the system expert Buderus is now also available with a fresh water station – ideal for combination with heat pumps.

Press Release

Logaflow HSM plus WW/WWE fresh water station

Buderus



Source: Buderus

Caption:

Installers can choose between a fresh water station with copper soldered heat exchanger (WW) and a variant with full stainless steel heat exchanger (WWE). In addition, the fresh water station is available in five different sizes.

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Search engine optimisation

- **Meta description**

The energy and storage management system from Buderus is now also available with a Logaflow HSM plus WW/WWE fresh water station.

- **Tags/keywords**

Buderus; fresh water; station; Logaflow; HSM; energy management

Social media / newsletter lead

- **Newsletter lead**

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- **Twitter**

The energy and storage management system from #Buderus is now also available with a #freshwaterstation: At #ISH23 in Frankfurt, the system expert is presenting the Logaflow HSM plus WW/WWE fresh water station.

Buderus, one of Europe's strongest brands in the thermotechnology sector, is a provider of efficient and reliable system solutions for heating, ventilation and cooling. As a systems expert for heating and installation technology, Buderus is distinguished by its consulting expertise, integrated services and perfectly matched energy-efficient and connectable heating systems from a single source. The product portfolio covers everything from heat generators for liquid and gaseous energy sources to storage tanks, controls and heating accessories to a comprehensive range of renewable energy systems such as heat pumps and solar thermal systems.

All Buderus products offer maximum system compatibility, as all components are perfectly matched. This enables trade partners to install individual solutions quickly and efficiently, both in new and existing buildings, regardless of whether the system is large or small.

For more information, visit www.buderus.de.

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