

**BMS
enabled**

Flextronic

The Next Generation Controller



- Can be combined with Flamconnect Remote Service
- Extensive data storage for online and offline analysis
- 'Extended screen' operation via mobile or tablet device
- Also suitable for existing automats (as an upgrade)

Remotely optimise performance and maintenance

As a designer, engineering consultant or facilities manager, you would expect your system to operate optimally, whether it is a heating or cooling system. The same is true for the automats that regulate pressure, degas, top up and dose the system with additives. It is therefore vital to have real-time access to detailed telemetry relative to the equipment performance and the system.

The Flextronic is a new control platform developed by Flamco for further optimising the performance of its automats and expanding their functionality. At the same time, Flamco brings (wireless) remote communication and data that enables preventative maintenance. The Flextronic, therefore, ensures greater control over your installation and over your maintenance costs.

Communication with BMS

Installing a Flamco automat together with the Flextronic lets you connect to most building management systems. Each Flextronic Controller has two physical ports with the corresponding communication protocols with:

- Modbus RTU via RS-485
- Modbus TCP via Ethernet
- BACnet via RS-485 or Ethernet

Remote monitoring

Using Flamconnect Remote Service via a gateway gives the building owner the ability to remotely control and monitor the Flamco Automat and the entire system.

Storing and monitoring data locally

The Flextronic Controller has a large memory capacity for storing the most important process parameters and data logging. The data provided in real-time gives detailed information on the installation performance and any system issues that may have occurred. The logfile is incrementally refreshed every 30 seconds and can be exported to a USB stick for external analysis.

Operation via the app (local)

You can wirelessly connect to the Flextronic from a mobile phone or tablet device with the aid of the Flamconnect app. This free app is a simple way for you to commission, operate, read and maintain the automat. All data, including the most important system parameters and technical documentation, are stored in the cloud for quick and easy access.



Which automats?

The following automats, amongst others, come with the Flextronic Controller Platform:

- Flamcomat G4 Pump Automats
- Flamcomat MK-C G4 Compressor Automats
- Flamcomat MK-U G4 Compressor Automats
- FlexFiller Direct G4 Pressurisation Units
- Vacumat Degassing Automats *
- ENA / PSD Degassing Automats *

* planned for 2023/2024

Upgrade for existing automats

Flextronic is a controller platform with generic hardware and specific software, which varies depending on the automat. Flamco applies this versatile control technology across all our new automats designated with type G4. Flextronic is available as a retrofit upgrade for automats manufactured by Flamco from 2009 onwards. Thus, Flamco makes the advanced control technology retroactively accessible for an entire generation of system equipment.

If you would like more information or if you have, for example, a pre-2009 automat, please contact your local Flamco company. For addresses and contact information see www.flamcogroup.com.

Overview of controller and connections



Legend	
1	LED indicator lights
2	Acceptance button
3	Back button
4	Colour display
5	Navigation buttons
6	ON/OFF button
7	Ethernet port
8	Micro-USB
9	USB
10	CANbus port
11	RS485 port
12	Fuses
13	Sensor and switch inputs/outputs
14	Relay outputs / Potential free outputs



We supply heating system products to installation companies in more than 70 countries. We do so by making use of a network of subsidiaries and wholesalers who are familiar with the local market and thus always able to provide expert advice.

Flextronic
*Get connected and
 take control*

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