

Product Data Sheet (2021-04-07)

LogoAktiv Plus

The LogoAktiv units are efficient, compact, ready-to-fit, wall-mounted and decentralised interface stations with hot water preparation electronically controlled precisely to the degree to meet the latest hygienic standards, and heating of the living space. Modern components such as high-efficiency pumps and processor-based system controllers are used to increase efficiency. In addition to the hydraulic benefits, many other advantages can be found with the introduction of a primary supply pump in each LogoAktiv. For example, the supply pump and control valves can be saved for hydraulic balancing in the respective line, provided that no other consumers depend on this line for supply. Thanks to an integrated system controller with numerous communications options, LogoAktiv can be combined with conventional home management systems and may be controlled with various mobile devices depending on the respective systems (with applications of other hardware components and communications modules).

The regulation and control technology of LogoAktiv is resistant to hard domestic water as there are no sensitive mechanical components exposed to the cold water.



Type	Hot water output		With circulation	###	Order Code
	[l/min] *	[kW] *			
LogoAktiv Plus 35	12.0	35		1	M14001.1ZEH
LogoAktiv Plus 35 C	12.0	35	✓	1	M14001.11ZEH
LogoAktiv Plus 50	18.0	50		1	M14002.1ZEH
LogoAktiv Plus 50 C	18.0	50	✓	1	M14002.11ZEH
LogoAktiv Plus 70	26.5	70		1	M14003.1ZEH
LogoAktiv Plus 70 C	26.5	70	✓	1	M14003.11ZEH

* Defined by a flow line temperature of 65 °C and heating of 40 K.



	LogoAktiv Plus		
	35	50	70
Dimensions (of the housings to be taken into account) (width x height x depth *) [mm]	576 x 716 x 170	576 x 716 x 170	576 x 910 x 185
Bottom connections	3/4" "	3/4" "	1" "
Stainless-steel plate heat exchanger (copper-soldered), vertical design to reduce the risk of calcification	✓	✓	✓
Bleed valve with hose connection on the heating side	✓	✓	✓

	LogoAktiv Plus		
	35	50	70
Adaptor for the heat flow meter	$\frac{3}{4}" \times 110 \text{ mm}$	$\frac{3}{4}" \times 110 \text{ mm}$	$1" \times 130 \text{ mm}$
Pipework made from insulated stainless-steel corrugated pipes	✓	✓	✓
Mounted on base plate, with absolutely no mechanical stress, and inspected	✓	✓	✓
2x dirt trap with stainless steel sieve insert	✓	✓	✓
Second cold water connection for residential building	✓	✓	✓
Cold water meter adaptor	✓	✓	✓
Domestic water circulation	Available with/without	Available with/without	Available with/without
Primary high-efficiency pump	✓	✓	✓
Primary mixing valve	✓	✓	✓
Primary switching valve	✓	✓	✓
Electronic controller with control panel for hot water and heating circuit controller	✓	✓	✓
RS-485 interface for communication (protocol: Modbus RTU) for internal regulation	✓	✓	✓
Ethernet interface (RJ45) for optional remote access	✓	✓	✓
Flow rate sensor and temperature sensor	✓	✓	✓
Control of an additional heating circuit via external pump group	✓	✓	✓
Connection of additional communication modules (e.g. M-Bus) available upon request	✓	✓	✓

* Depending on the configuration and type of housing.

Advantages

- Optimum heating of individual rooms in accordance with specific selections in the timer program.
- Includes a reference room controller.
- Weather-controlled regulation of flow line temperature (optional outside temperature sensor required).
- Meticulous recording of the energy consumption by optionally integrable heat flow meter.
- Rapid changeover to hot water preparation when draw-off begins.
- Hot water temperature can be set precisely, to the degree, irrespective of draw-off volume.
- Hygienically safe hot water preparation in continuous flow mode.
- May be combined with regenerative energy systems.
- Also available with integrated screed floor heating function, depending on respective product.



Technical information

- Electrically controlled.
- With domestic water circulation.
- Max. heating/sanitary pressure: PN 6/PN 6.
- Max. permissible heating/sanitary temperatures: 95 °C/95 °C.
- Supply voltage: 230 V/50 Hz.
- Heating capacity (at 20 K): 20 kW.

Flamco Limited
Washway Lane
WA10 6PB, St Helens, Merseyside - gb
T +44 17 447 447 44
E info@flamco.co.uk
I flamcogroup.com/uk-en