Flamco meibes

Flow of Innovation

Logotherm® fresh water stations

LogoFresh S, M, L, XL

LogoFresh XL-line,
microprocessor-controlled

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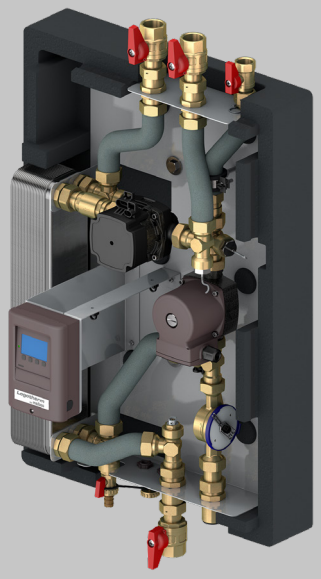
Electronically and thermostatically controlled fresh water stations for very convenient hot water generation

- Domestic water heating in line with state-of-the-art hygiene standard
- Suitable for use in residential buildings, industry and commerce
- Process-controlled system controller ensures optimum performance and increased efficiency
- Also now available as an L-Version with up to 80l/min. hot water output capacity as an individual station NEW



LogoFresh M- Line,
microprocessor-controlled

Product description

The **LogoFresh fresh water stations** are compact plug-and-play units that guarantee centralised, hygienic and economical domestic hot water provision because they prepare hot water on demand. Fresh water stations can be used to supply fresh domestic hot water to single or multiple-occupancy dwellings and publicly or privately used premises, such as schools, sports facilities and hospitals, etc. The principle of on-demand fresh hot water production is particularly useful in buildings that are used intermittently.

State-of-the-art components such as high-efficiency pumps and, in the case of the electronic LogoFresh, a microprocessor system controller optimise the performance, regulate the hot water temperature highly effectively in all performance ranges, thereby guaranteeing higher efficiency. Thermal insulation protects the unit from energy loss.

The energy is supplied by a heating water buffer tank that can also be fed from renewable energy sources (e.g. solar systems, etc.), among others.

The stations are available in various models with both electronic and thermostatic controls.

Your advantages

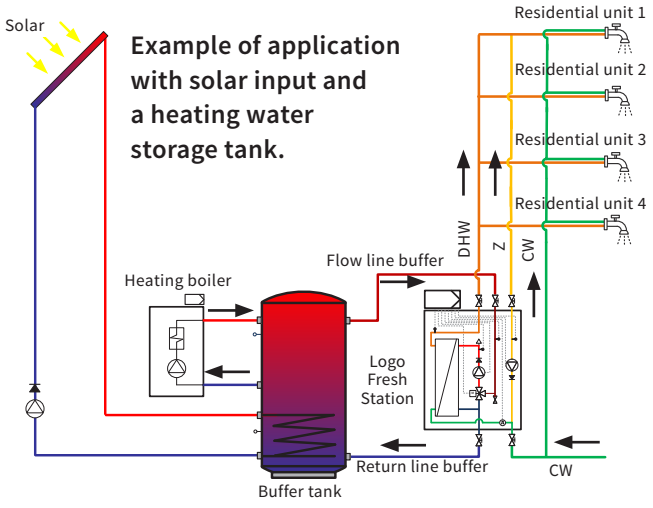
- No domestic water tank required
- Space-saving, quick and simple installation
- High hot water output, of up to 120 l/min, at a constant temperature.
- Easily connectable in parallel or can be arranged in a cascade format for greater performance
- Greater efficiency due to low return line temperature

"All system components are optimally tuned to each other..."

The electric control systems operate with a microprocessor-regulated controller which ensures immediate hot water availability on draw-off thanks to temperature-based regulation of the primary flow rate.

The thermostatic control system is temperature-controlled by means of a thermostatic valve, guaranteeing constant hot water availability on draw-off thanks to the temperature-dependent regulation of the primary flow.
The advantages include ease of commissioning, operation and maintenance.

Example of application with solar input and a heating water storage tank.

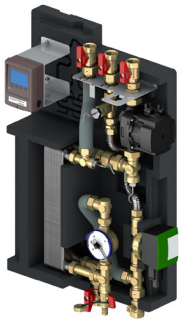


The advantages of electronically controlled variants:

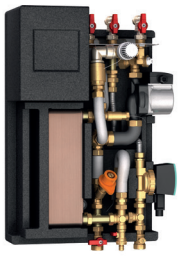
- Disinfection (Legionella protection control)
- Data logging
- Fault indicator
- Mixing protection function on heating water buffer tank
- Cascade control for up to 5 stations

Product overview

LogoFresh, electronically controlled

Type		S-Line	M-Line	L-Line[4] NEW	XL-Line 100	XL-Line 120
Nominal power	l/min	up to 29 l/min.[5]	up to 40 l/min.[5]	up to 80 l/min.[5]	up to 100 l/min.[6]	up to 120 l/min.[6]
	kW	80 kW	112 kW	224 kW	346 kW	415 kW
						
Type of assembly	Wall	✓	✓	✓	✓	✓
	Tank	✓				
EPP housing		✓	✓	✓	✓	✓
Domestic water circulation		✓[2]	✓[2]	✓	✓	✓
Automatic disinfection[3]			✓	✓	✓	✓
Reheating function for storage tank[3]			✓	✓	✓	✓
Mixing protection			✓	✓	✓	✓
Fault indicator[3]			✓	✓	✓	✓
Data logging			✓	✓	✓	✓
∑ max. cascading		–	5[3]	5[3]	5[3]	5[3]

LogoFresh, thermostatically controlled

Type		S-Line		M-Line	
Nominal power	l/min	up to 19 l/min.		up to 30 l/min.	
	kW	52 kW[5]		83 kW[5]	
Type of assembly	Wall		✓		
	Tank		✓		
EPP housing			✓		✓
Domestic water circulation			✓[2]		✓[2]
∑ max. parallel connections			4		4

1) Functions freely selectable

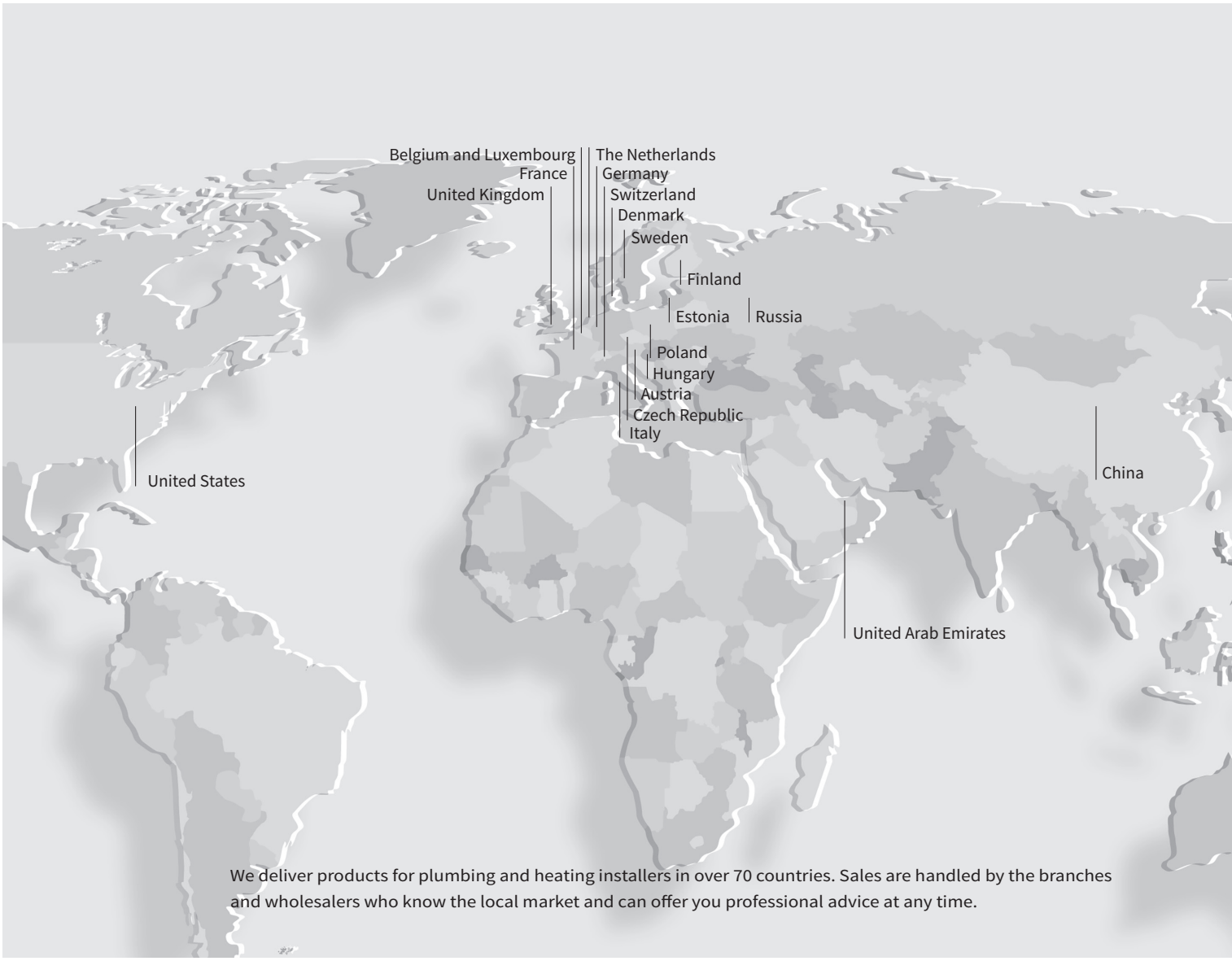
2) With/without DW circulation

3) A limited number of individual functions may be selected for each system.

4) L-Line = Cascade connection 2 x M-Line stations.

5) Output values for domestic water heating from 10 to 50 °C with a buffer tank temperature von 75 °C.

6) Output values for domestic water heating from 10 to 60 °C with a buffer tank temperature von 75 °C.



We deliver products for plumbing and heating installers in over 70 countries. Sales are handled by the branches and wholesalers who know the local market and can offer you professional advice at any time.

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