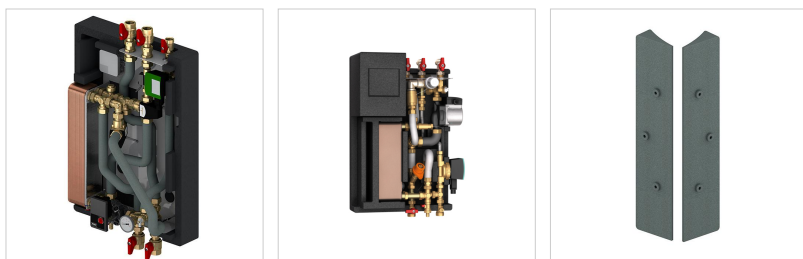


Product Data Sheet

LogoFresh S-line & M-line, thermostatic

Compact, ready-to-fit central fresh water stations with thermostatically controlled hot water preparation, available as wall mounting or tank installation depending on the respective system.



Type	###	Order Code
Type 1 - LogoFresh M-line thermostatic	1	M10271.41
Type 2 - LogoFresh M-line thermostatic with TWZ	1	M10271.4
Type 3 - LogoFresh S-line thermostatic	1	M10271.51
Type 4 - LogoFresh S-line thermostatic with TWZ	1	M10271.5
Type 3 & Type 4 – insulation wedge for tank installation	1	M66306.3673

	Primary flow line temperature [°C]						
	50	55	60	65	70	75	80
Primary return line temperature [°C]	29	26	24	23	22	21	20
Draw-off volume for domestic hot water [l/min]	10	14	18	21	24	26	29
Domestic hot water output [kW]	25	35	43	50	57	64	71
Primary flow rate [l/h]	1050	1050	1050	1050	1050	1050	1050
Secondary pressure loss [bar]	0.15	0.15	0.15	0.15	0.15	0.15	0.15

	Primary flow line temperature [°C]					
	55	60	65	70	75	80
Primary return line temperature [°C]	29	26	23	21	20	19
Draw-off volume for domestic hot water [l/min]	9	12	15	17	19	21

	Primary flow line temperature [°C]					
	55	60	65	70	75	80
Domestic hot water output [kW]	25	35	43	50	57	64
Primary flow rate [l/h]	1050	1050	1050	1050	1050	1050
Secondary pressure loss [bar]	0.15	0.15	0.15	0.15	0.15	0.15

	Primary flow line temperature [°C]			
	65	70	75	80
Primary return line temperature [°C]	34	29	27	25
Draw-off volume for domestic hot water [l/min]	9	11	13	25
Domestic hot water output [kW]	30	39	46	52
Primary flow rate [l/h]	1050	1050	1050	1050
Secondary pressure loss [bar]	0.15	0.15	0.15	0.15

	Primary flow line temperature [°C]					
	50	55	60	65	70	75
Primary return line temperature [°C]	26	22	20	19	18	17
Draw-off volume for domestic hot water [l/min]	15	20	24	28	32	35
Domestic hot water output [kW]	37	49	59	69	77	86
Primary flow rate [l/h]	1310	1310	1310	1310	1310	1310
Secondary pressure loss [bar]	0.15	0.15	0.15	0.15	0.15	0.15

	Primary flow line temperature [°C]				
	55	60	65	70	75
Primary return line temperature [°C]	24	24	22	21	19
Draw-off volume for domestic hot water [l/min]	15	19	23	26	30
Domestic hot water output [kW]	41	53	64	72	83
Primary flow rate [l/h]	1310	1310	1310	1310	1310
Secondary pressure loss [bar]	0.15	0.15	0.15	0.15	0.15

	Primary flow line temperature [°C]		
	65	70	75
Primary return line temperature [°C]	33	28	26
Draw-off volume for domestic hot water [l/min]	14	18	21
Domestic hot water output [kW]	48	62	73
Primary flow rate [l/h]	1310	1310	1310
Secondary pressure loss [bar]	0.15	0.15	0.15

Design features	M-Line		S-Line	
	Type 1	Type 2	Type 3	Type 4
Dimensions including housing: Width x height x depth [mm]	500 x 890 x 340	500 x 890 x 340	460 x 660 x 250	460 x 660 x 250
Bottom connections cold water, hot water, FL & RL buffer (circulation)	1"	1" (3/4")	3/4"	3/4"
Wall-mounted installation	✓	✓	✓	✓
Tank assembly			✓	✓
Stainless-steel plate heat exchanger (copper-soldered), vertical design to reduce the risk of calcification	✓	✓	✓	✓
Achieves lower return line temperatures	✓	✓	✓	✓
Heating side high-efficiency recirculation pump	✓	✓	✓	✓
Bleed valve on the heating side	✓	✓	✓	✓
Backflow preventer			✓	✓
Shut-off valves (except for cold water inlet)	✓	✓	✓	✓
Pipework made from insulated stainless-steel corrugated pipes	✓	✓	✓	✓
Mounted entirely mechanically tension-free on base plate, inserted in housing and inspected	✓	✓	✓	✓
Domestic water circulation with pump, backflow preventer, piping and screw fitting components installed in the station		✓		✓
Flow switch	✓	✓	✓	✓

Design features	M-Line		S-Line	
	Type 1	Type 2	Type 3	Type 4
Connection option for temperature sensor connector	✓	✓		
Mixing of primary return line water for red. FL temperature	✓	✓	✓	✓
Continuously adjustable heating medium flow rate via therm. domestic water regulator	✓	✓	✓	✓
Scalding protection	✓	✓		
Temperature adjusting range on heating side (flow line temperature limitation measured in heating medium)	50 - 75 °C	50 - 75 °C		
Temperature adjustment range of hot water (measured in hot water)	40 - 65 °C	40 - 65 °C	20 - 65 °C	20 - 65 °C
Temperature display on device (heating side)	✓	✓		
Housing: Full EPP insulation of housing (black)	✓	✓	✓	✓
Terminal box for electric connection	✓	✓	✓	✓
Number of possible cascades (overflow valve required)	4	4	4	4
Insulation wedges for tank installation - connectible wedges for pre-formed rear-wall insulation for mounting directly onto a tank (tank $\varnothing \geq 600$ mm)			optional	optional

Advantages

Additional complimentary and supplementary products available (e.g. measuring equipment for consumption metering, heating water buffer tank, pump groups etc.).

Technical information

- Max. heating/sanitary pressure: 3 bar/6 bar
- Max. permissible heating/sanitary temperatures: 110 °C/110 °C
- Supply voltage: 230 V/50 Hz