



STEAM GENERATORS FLEXLINE

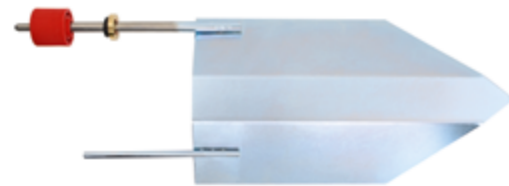
FUNCTION DESCRIPTION

The FlexLine represents a new generation of steam generators which consists of a basic model that can be expanded to create an individual solution suitable for all steam requirements. In order to make this flexibility available to our customers quickly, we have developed a modular system. FlexLine is available as an electrode as well as a heater element steam generator – depending on your water quality and the required degree of control accuracy.

SCOPE OF DELIVERY

Large surface electrodes

Electrode steam generators are an optimal solution when simple and reliable steam production is required. Due to the high amount of material, the solid full-surface electrodes are particularly durable and are very well suited for the use of tap water. The electrodes have to be exchanged less often, which keeps the maintenance costs relatively low. When using steam generators that work with electrodes the electrical conductivity of the water in the supply has to be between 250 - 800 µS/cm to ensure an optimal function.



Resistor type heater elements

Steam cylinders with resistance heater elements made of highly corrosive-resistant alloy are suitable for a wide variety of water qualities, especially for treated water. They offer an extremely high level of control accuracy and ensure a virtually continuous and maintenance-free operation.



Excellent ease of operation

All FlexLine units are equipped with a capacitive 3.5" touch screen whereby operation and programming is selected via a flat and intuitive menu structure analogous to modern smartphone logic. In addition to this, subsequent software updates are quickly and easily possible via USB stick.



TECHNICAL DATA FLEXLINE WITH ELECTRODES

Type		FLE05	FLE10	FLE15	FLE20	FLE25	FLE30	FLE40	FLE50	FLE65	FLE80	FLE100	FLE130
Steam output	[kg/h]	4,8-5,2	9,5-10,4	14,3-15,6	19,0-20,8	24,0-26,0	28,5-31,2	38,2-41,7	48,0-52,0	62,0-67,5	76,4-83,4	95,5-104,4	124,0-135,0
Electrical connection *		380-415 V / 3 Ph / 50-60 Hz											
Rated power	[kW]	3,6-3,9	7,1-7,8	10,8-11,7	14,3-15,6	18,0-19,5	21,4-23,4	28,6-31,2	35,9-39,2	46,3-50,6	2 x 28,6-31,2	2 x 35,9-39,2	2 x 46,3-50,6
Rated current	[A]	5,4	10,8	16,3	21,7	27,2	32,5	43,5	54,5	70,4	2 x 43,5	2 x 54,5	2 x 70,4
Fuse **	[A]	3 x 10	3 x 16	3 x 40	3 x 40	3 x 40	3 x 40	3 x 50	3 x 63	3 x 80	2 x 3 x 50	2 x 3 x 63	2 x 3 x 80
Control voltage		220-240 V / N / 2,5 A											
Steam hose connection	[mm]	1 x 40			2 x 40 mit Y			2 x 40		2 x 40 mit Y		4 x 40	
Unit size ***	Height [mm]	535		695		750		785		750		785	
	Width [mm]	540		540		580		640		1130		1170	
	Depth [mm]	320		320		355		420		420		420	
Water installation		Tap water of varying qualities, 1 - 10 bar with 3/4" connection external thread											

TECHNICAL DATA FLEXLINE WITH HEATING ELEMENTS

Type		FLH03	FLH06	FLH09	FLH15	FLH25	FLH30	FLH40	FLH50	FLH80	FLH100	
Steam output	[kg/h]	2,7-3,3	5,5-6,5	8,2-9,8	13,7-16,4	22,7-27,1	27,4-32,7	36,5-43,5	45,5-54,3	73,0-87,0	91,0-108,6	
Electrical connection *		220-240 V / 1 Ph / 50-60 Hz			380-415 V / 3 Ph / 50-60 Hz							
Rated power	[kW]	2,1-2,4	4,1-4,9	6,2-7,3	10,3-12,3	17,1-20,3	20,6-24,5	27,3-32,6	34,1-40,7	2 x 27,3-32,6	2 x 34,1-40,7	
Rated current	[A]	9,4-10,2	18,7-20,4 10,7-11,7	16,0-17,5	15,6-17,1	25,9-28,3	31,3-34,1	41,5-45,4	51,8-56,6	2 x 41,5-45,4	2 x 51,8-56,6	
Fuse **	[A]	1 x 16	1 x 25 3 x 16	3 x 20	3 x 20	2 x 32	3 x 35	3 x 50	3 x 63	2 x 3 x 50	2 x 3 x 63	
Control voltage		220-240 V / N / 2,5 A										
Steam hose connection	[mm]	1 x 40				2 x 40 mit Y		2 x 40		4 x 40		
Unit size ***	Height [mm]	535		695		785		785		785		
	Width [mm]	540		540		640		640		1170		
	Depth [mm]	320		320		420		420		420		
Water installation		Fully demineralised water / cleaned condensate / partially softened water / tap water of varying qualities 1 - 10 bar, for 3/4" external thread										

We reserve the right to make technical changes.

* Other voltages upon request.

** 1,1-fold power consumption after full blowdown.

Observe actuation characteristics of automatic circuit-breakers. If necessary, select the next highest circuit-breaker level.

*** External width and depth dimensions.
Height including drainage nozzles