



FlexLine electrodes technical data

A higher humidification performance is possible by connecting units together.

Electrical supply ⁽¹⁾	Type	FLE05	FLE10	FLE15	FLE20	FLE25	FLE30	FLE40	FLE50	FLE65	FLE80	FLE100	FLE130	
208-240 VAC / 1 / N / 50-60Hz	Steam output [kg/h]	4.2-4.8		8.3-9.6		16.6-19.2								
	Steam output [lbs/h]	9.2-10.6		18.3-21.2		35.7-42.3								
	Rated power [kW]	3.1-3.6		6.2-7.2		12.5-14.4								
	Rated current [A] ⁽²⁾	15		30		60								
208-240 VAC / 3 / 50-60Hz	Steam output [kg/h]	4.5-5.2	7.2-8.3	13.9-16.1		23.1-27.0	29.3-30.5	28.8-33.4	49.0-51.0		57.6-66.4	92.8-107.2		
	Steam output [lbs/h]	09.9-11.5	15.9-18.3	30.6-35.5		50.9-59.5	64.6-67.2	63.5-73.6	108.0-112.4		127.0-146.4	204.6-236.3		
	Rated power [kW]	3.4-3.9	5.4-6.2	10.4-12.1		17.4-20.0	22.9-23.0	21.6-25.0	36.7-38.2		2 x 21.6-25.0	2 x 34.8-40.2		
	Rated current [A] ⁽²⁾	9.4	15.0	29.0		48.0	60.0	60.0	96.8		2 x 60.0	2 x 96.7		
440-480 VAC / 3 / 50-60Hz	Steam output [kg/h]	4.8-5.2	9.6-10.4	14.3-15.6	19.1-20.8	24.0-26.0	28.7-31.3	38.2-41.7	48.0-52.2	62.0-67.5	76.4-83.4	95.5-104.4	124.0-135.0	
	Steam output [lbs/h]	10.6-11.5	21.2-22.9	31.5-34.4	42.1-45.9	52.9-57.3	63.3-69.0	84.2-91.9	105.8-115.1	136.7-148.8	168.4-184.3	210.5-230.2	272.8-299.7	
	Rated power [kW]	3.6-3.9	7.2-7.8	10.7-11.7	14.3-15.6	17.9-19.5	21.4-23.4	28.6-31.3	35.9-39.2	46.6-50.8	2 x 28.6 x 31.3	2 x 35.9-39.2	2 x 46.6-50.8	
	Rated current [A] ⁽²⁾	4.7	9.4	14.1	18.8	23.5	28.2	37.7	47.0	61.0	2 x 37.7	2 x 47.0	2 x 61.0	
575-600 VAC / 3 / 50-60Hz	Steam output [kg/h]	4.9-5.1	9.8-10.3	14.7-15.5	19.6-20.5	24.4-25.5	29.3-30.5	39.2-41.0	49.0-51.0	63.6-66.4	78.3-81.8	95.5-104.0	127.2-132.7	
	Steam output [lbs/h]	10.8-11.0	21.6-22.5	32.4-34.2	43.2-45.2	53.8-56.2	64.6-67.2	86.0-90.4	108.0-112.4	140.2-146.4	172.6-180.3	210.5-229.3	279.8-291.9	
	Rated power [kW]	3.7-3.8	7.4-7.7	11.1-11.5	14.7-15.5	18.3-19.0	22.0-23.0	29.4-30.5	36.7-38.2	47.7-49.8	2 x 29.4-31.0	2 x 36.7-38.2	2 x 47.7-49.8	
	Rated current [A] ⁽²⁾	3.7	7.4	11.0	14.8	18.4	22.0	29.5	36.8	47.9	2 x 29.5	2 x 3 x 40.0	2 x 47.9	
Number of cylinders	1										2			
Control type	FlexLine mainboard with capacitive 3.5" touch color display													
Internal control voltage	208-240V / 50-60Hz													
Steam hose connection [mm]	1 x DN 25 ID			1 x DN 40 ID			1 x DN 40 ID ⁽⁴⁾		2 x DN 40 ID		2 x DN 40 ID ⁽⁴⁾		4 x DN 40 ID	
Steam hose connection [in]	1 x 1 ID			1 x 1.6 ID			1 x 1.6 ID ⁽⁴⁾		2 x 1.6 ID		2 x 1.6 ID ⁽⁴⁾		4 x 1.6 ID	
Dimensions ⁽³⁾														
Height [mm/in]	535/21.0			695/27.4			750/29.5		785/30.9		750/29.5		785/30.9	
Width [mm/in]	540/21.3			540/21.3			580/22.8		640/25.2		1130/44.5		1170/46.0	
Depth [mm/in]	320/12.6			320/12.6			355/14.0		420/16.5		355/14.0		420/16.5	
Water installation	Tap water of varying qualities 1 to 10 bar / 14.5 - 145 PSI, with 3/4" connection													

We reserve the right to make technical changes.

⁽¹⁾ Other voltages upon request.

⁽²⁾ FlexLine electrodes: 1.1-fold power consumption after full blowdown. Observe actuation characteristics of automatic circuit-breakers. If necessary, select the next higher circuit-breaker level.

⁽³⁾ External width and depth dimensions. Height including drainage nozzles.

⁽⁴⁾ Incl. Y-piece DN 40.



HygroMatik GmbH
Lise-Meitner-Str. 3
24558 Henstedt-Ulzburg
Germany
T +49 4193 895-231
F +49 4193 895-33
axel.zadina@hygromatik.de
www.hygromatik.com

HygroMatik USA
PO Box 10084
Lancaster, PA 17605
USA

T 717 299 5679
F 717 299 5679
info@hygromatikusa.com
www.hygromatik.com