



## FlexLine heaters technical data

A higher humidification performance is possible by connecting units together.		A higher humidification performance is possible by connecting units together.										
Electrical supply (1)	Type	FLH03	FLH06	FLH09	FLH15	FLH25	FLH30	FLH40	FLH50	FLH80	FLH100	
208-240 VAC / 1 / N / 50-60Hz	Steam output [kg/h]	2.5-3.3	4.9-6.5									
	Steam output [lbs/h]	5.5-7.3	10.8-14.3									
	Rated power [kW]	1.8-2.4	3.7-4.9									
	Rated current [A] (2)	8.8-10.2	17.7-20.4									
208-240 VAC / 3 / 50-60Hz	Steam output [kg/h]	2.5-3.3	4.9-6.5		12.4-16.6							
	Steam output [lbs/h]	5.5-7.3	10.8-14.3		27.3-36.6							
	Rated power [kW]	1.8-2.4	3.7- 4.9		9.3-12.4							
	Rated current [A] (2)	8.8-10.2	17.7-20.4		25.9-29.9							
440-480 VAC / 3 / 50-60Hz	Steam output [kg/h]		5.5-6.5	8.2-9.8	13.9-16.6	23.1-27.4	27.8-33.1	37.0-44.0	43.7-52.0	73.9-88.0	87.3-104.0	
	Steam output [lbs/h]		12.1-14.3	18.1-21.6	30.6-36.6	50.9-60.4	61.3-73.0	81.6-97.0	96.3-114.6	162.9-194.0	192.7-229.3	
	Rated power [kW]		4.1-4.9	6.2-7.3	10.4-12.4	17.3-20.6	20.9-24.8	27.7-33.0	32.8-39.0	2 x 27.7-33.0	2 x 32.8-39.0	
	Rated current [A] (2)		9.4-10.2	14.0-15.3	13.7-14.9	22.7-24.8	27.4-29.9	36.4-39.7	43.0-46.9	2 x 36.4-39.7	2 x 43.0-46.9	
575-600 VAC / 3 / 50-60Hz	Steam output [kg/h]		4.6-5.0	6.8-7.4	11.5-12.6	19.1-20.8	23.1-25.1	30.7-33.4	39.5-43.0	61.3-66.8	79.0-86.0	
	Steam output [lbs/h]		10.1-11.0	15.0-16.3	25.4-27.8	42.1-45.9	50.9-55.3	67.7-73.6	87.1-94.8	135.1-147.3	174.2-189.6	
	Rated power [kW]		3.4-3.7	5.1-5.6	8.7-9.4	14.3-15.6	17.3-18.8	23.0-25.0	29.6-32.2	2 x 23.0-25.0	2 x 29.6-32.2	
	Rated current [A] (2)		5.9-6.2	8.9-9.3	8.7-9.1	14.4-15.0	17.4-18.1	23.1-24.1	29.7-31.0	2 x 23.1-24.1	2 x 29.7-31.0	
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			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			4 x 1.6 ID		
Dimensions (3)												
	Height [mm/in]	535/21.1			695/27.4		785/30.9			785/30.9		
	Width [mm/in]	540/21.3			540/21.3		640/25.2			1170/46.1		
	Depth [mm/in]	320/12.6			320/12.6		420/16.5			420/16.5		
Water installation		Fully demineralized water / cleaned condensate: 1-10 bar / 14.5-145 PSI, with 3/4" connection Partially softened water / tap water of varying qualities: 1-10 bar / 14.5-145 PSI, for 3/4" external thread										

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