



FlexLine FLH-TPRO (heater) technical data

A higher humidification performance is possible by connecting units together.

Type	FLH03-TPRO	FLH06-TPRO	FLH09-TPRO	FLH15-TPRO	FLH25-TPRO	FLH30-TPRO	FLH40-TPRO	FLH50-TPRO
Steam output [kg/h]	3	6	9	15	25	30	40	50
Electrical connection ⁽¹⁾	230V / 1Ph / N / 50-60Hz			400V / 3Ph / N / 50-60Hz				
Rated power [kW]	2.3	4.5	6.8	11.4	18.9	22.8	30.3	37.8
Nominal current [A]	9.8	19.6	11.3	16.9	16.5	27.3	32.9	54.6
Fuse [A]	1 x 16	1 x 25	3 x 16	3 x 20	3 x 32	3 x 35	3 x 50	3 x 63
Number of steam cylinder	1							
Control	FlexLine mainboard Process with capacitive 3.5" touch colour display							
Internal control voltage ⁽³⁾	220-240V / N / 2.5A							
Steam hose connection [mm]	1 x 25			1 x 40	1 x 40 ⁽⁴⁾	2 x 40		
Max. filling capacity [l]	5			14	36			
Empty weight [kg]	17			25	36	37		
Operating weight [kg]	22			40	73	74		
Dimensions WxHxD [mm] ⁽⁵⁾	460 x 535 x 320			540 x 695 x 320	640 x 785 x 420			
Water connection	Fully demineralised water / cleaned condensate / partially softened water 1 to 10 bar, for 3/4" external thread							
Drain water connection	Connection Ø 1 1/4"							

We reserve the right to make technical changes.

- (1) Other voltages upon request.
- (2) 13/28% above nominal power consumption after full blowdown. Observe actuation characteristics of automatic circuit-breakers. If necessary, select the next highest circuit-breaker level.
- (3) Separate control voltage upon request.
- (4) Incl. Y-piece DN40.
- (5) Outer dimensions of width and depth. Height incl. drain connection.
- (6) Is achieved after 2-3 x absorption distance.

Comparison of equipment and options

	FlexLine heater	FlexLine FLH-TPRO
Control accuracy ⁽⁶⁾	Up to +/- 2 %	Up to +/- 1 %
Water quality	Fully demineralised water, cleaned condensate, partially softened water, tap water of different qualities	Fully demineralised water
SuperFlush	Integrated	Not necessary
Solenoid valve	1-fold to 3-fold	2-fold to 5-fold
Digital inputs (standard)	1	2
Analogue inputs (standard)	1	2
Optional relay functions	Up to 11	Up to 8



HygroMATIK[®]
member of CAREL group 

HygroMatik GmbH

Lise-Meitner-Str. 3
24558 Henstedt-Ulzburg
Germany

T +49 4193 895-0
hy@hygromatik.de
www.hygromatik.com