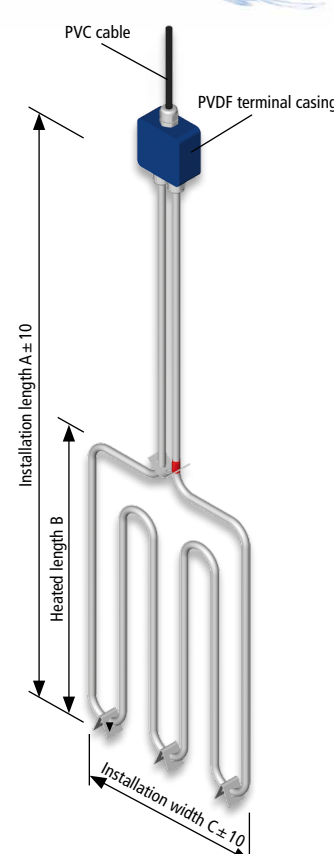
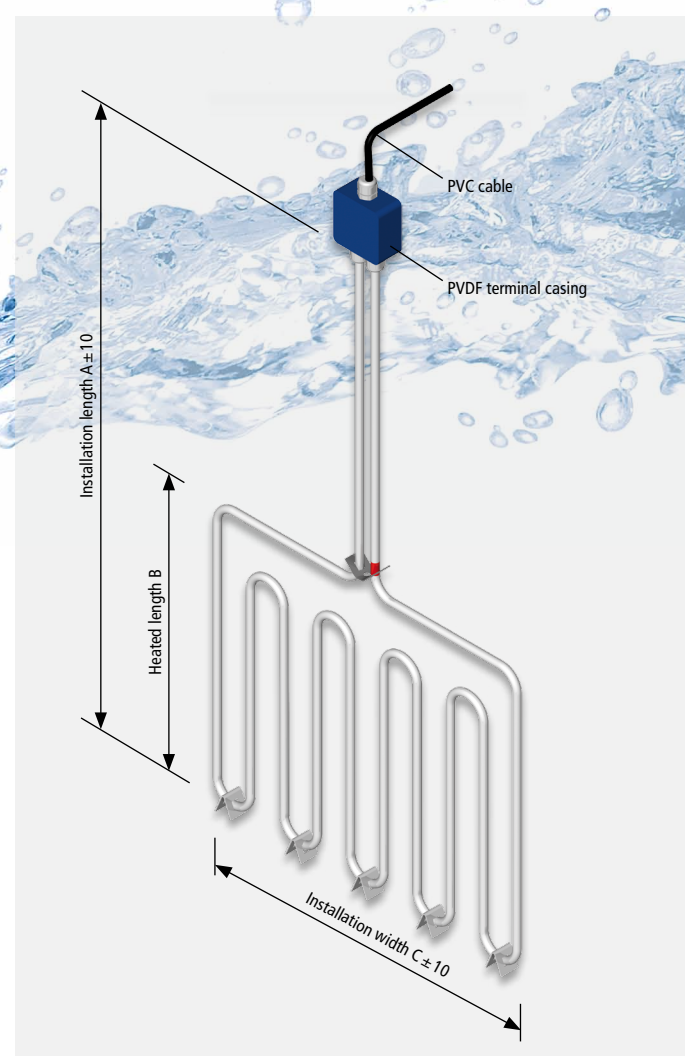


# Flat Immersion Heater GALMAFLON



The GALMAFLON immersion heater has been specifically designed for use in applications where overall space is restricted. The compact design permits space-saving installation in very narrow containers while the FEP sheath provides the highest levels of chemical resistance.

### Structure

GALMAFLON immersion heaters consist of a high-compressed stainless steel tubular heating element designed for use in alkaline fluids. For use in acid fluids, the stainless steel tubular heating elements are provided with a 1 mm thick FEP sheath.

This sheath is also very well suited for use with highly aggressive process fluids and extreme levels of chemical pollution such as in chrome electrolytes or autocatalytically (chemically) functioning electrolytes. To avoid the risk of encrustations on the heater and/or thermal damage to electrolytes, the surface load of the heater is designed to be very low. Maximum 2W/cm<sup>2</sup>.

Degree of protection is IP 65 (jet-waterproof according to EN 60529). Applicable to the PVDF connection complete with 1.6 m long PVC cable. Different bending shapes permit optimum installation in high or low containers. Spacers made from FEP ensure the minimum distance between the heater and the container wall.

Nominal power values from 1 to 3 kW are available. Connection voltage is 230V~. The maximum operation temperature is 80°C.

Nominal power [kW]	Heated length B [mm]		Type designation
	Installation length A [mm]	Installation width C [mm]	
1	970	365	R04 102 ... 9701 R1
1	810	250	R06 102 ... 8101 R1
1	705	195	R08 102 ... 7051 R1
2	1305	785	R04 202 ... 13051 R1
2	1005	525	R06 202 ... 10051 R1
2	805	400	R08 202 ... 8051 R1
2	665	320	R10 202 ... 6651 R1
2,5	1360	990	R04 252 ... 13601 R1
2,5	1100	665	R06 252 ... 11001 R1
2,5	985	660	R06 252 ... 9851 R1
2,5	970	500	R08 252 ... 9701 R1
2,5	820	405	R10 252 ... 8201 R1
2,5	750	500	R08 252 ... 7501 R1
2,5	605	405	R10 252 ... 6051 R1
3	1360	990	R04 302 ... 13601 R1
3	1100	665	R06 302 ... 11001 R1
3	985	660	R06 302 ... 9851 R1
3	970	500	R08 302 ... 9701 R1
3	820	405	R10 302 ... 8201 R1
3	750	500	R08 302 ... 7501 R1
3	605	405	R10 302 ... 6051 R1

**R08 302 F9701 R1:** Flat immersion heater with 3 kW power and FEP sheath, dimensions 970x500 mm

**F = Fluorinated ethylenepropylene (FEP)**  
**I = Special steel 1.4541**



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