

Pahlén's electric heaters heats the water easily and effectively.

All Pahlén heaters are compact and can be installed in all kind of swimming pools, spas and large public facilities. The materials used are acid proof stainless steel AISI 316L, Incoloy 825, titanium and thermoplastic. All electric heaters are designed for continuous flow with the lowest possible pressure drop.



Compact

Compact 3-18kW

Supplied with a thermostat and overheating cut out. A flow switch or pressure switch protects the heating element from damage if the flow to the heater is insufficient.

These electric heaters are available in both titanium/Nic-Tech and acid proof stainless steel AISI316L/Incoloy 825.

All compact electric heaters are delivered with a 2" heating element. Max. pressure: 4 bar.

Technical data	With flow switch	With pressure switch
Max temperature	60°C	60°C
Max pressure	2.5 bar	4 bar
Min. flow 3-9kW min	85 l/	20 l/min
Min. flow 12-18kW	85 l/min	40 l/min

With flow switch. Max 2.5 bar

Unipolar thermostat 0-45°C, pressure switch, unipolar high limit control 60°C

Item no.	Type	kW	Ampere 3-phase		kg
			230V	400V	
13981403*	11F30	3.0	8	5	2.8
13981406*	11F60	6.0	15	9	2.8
13981409*	11F90	9.0	23	14	3.2
13981412*	11F120	12.0	31	18	3.2
13981415*	11F150	15.0	38	22	3.2
13981418*	11F180	18.0	46	27	3.2

With pressure switch. Max 4 bar

Unipolar thermostat 0-45°C, pressure switch, unipolar high limit control 60°C

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			230V	400V	
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13982406	11P60	6.0	15	9	2.8
13982409	11P90	9.0	23	14	3.2
13982412	11P120	12.0	31	18	3.2
13982415	11P150	15.0	38	22	3.2
13982418	11P180	18.0	46	27	3.2

*Available with outer jacket made of titanium and Nic-Tech treated heating element.

Titanium heaters are designed for pools with very aggressive water, large quantities of chlorides and where there is a high risk for corrosion, e.g. in pools with salt water.

When ordering titanium model, add a "T" after the item no. Applies to the following article 139814xxT.