


Datasheet	Self-limiting heating plates	Tmax 65°C
-----------	------------------------------	-----------

Features and benefits <ul style="list-style-type: none"> • Suitable for hobboscks, buckets. canisters or other small containers • Particularly safe, robust and quick to use heating plate • Self-limiting heating element and therefore no temperature controller necessary • Particularly reliable due to the absence of any switches or electronic components. • Silicone-free materials, ideally suitable for painting and bonding techniques

Technical data	HP65-CV180	HP65-CV260	
	Plate diameter	180 mm	260 mm
	Operating voltage	230 VAC	
	Nominal power*see chart below	65 W (± 10W)	120 W (± 10W)
	Protection class	I (Protective earth)	
	Ingress protection	IP65	
	Plate material	Aluminium	
	Weight	1,2 kg	1,8 kg
	Connection cable with Schuko plug	2,5 m	

Self-limiting heating element:
 The warmer the heating element gets, the further the carbon particles move away from each other. The molecular expansion of the plastic is responsible for this. The electrical resistance in the current path increases and this reduces the heating power (self-limitation sets in). This prevents the heating plates from overheating or burning out! This process is reversible when the heating element cools down again. The conductivity of the plastic increases and therefore also the heating power of the heating element.

Select the optimum plate diameter:
 For optimal heat transfer, the bottom surface of the container should lie flat on the heating plate. Therefore, choose a diameter of the heating plate that is slightly smaller than the inner diameter of the base.

