

Electrical specifications of the backup heaters and the booster heaters													
Type	3V			9W			Only for EHVH*SU*CB6W + EKLBUHC6W1				V		
	Capacity setting												
Capacity stage													
Capacity stage 1													
Capacity stage 2													
Minimum time delay between stages													
Power supply (1)	Phase			1~		3~		1~		3~	No backup heater		
	Frequency					50							
	Voltage			230		400		230		400			
Current	Nominal running current			13	15,1	26	8,7	13	13	26		4,3	8,7
	Zmax (backup heater) (2)												
Booster heater (optional) (*KHW* models)	Capacity setting										Only in case of EHB*:		
	Capacity stage												
	Minimum time delay between stages												
	Nominal running current												
	Booster heater	+ EK*V3											
		+ EK*Z2											
	Zmax	Booster heater	(2)										
	Nominal running current	Backup heater + Booster heater											
Minimum Ssc value	Backup heater + Booster heater + EK*V3 + EK*Z2												
Booster heater (EHVH*SU*CB6W + EHVH*CBV)	Capacity setting												
	Capacity stage												
	Minimum time delay between stages												
	Current	Nominal running current	Booster heater										
		Zmax	Booster heater (2)										
	Nominal running current	Backup heater + Booster heater											
Minimum Ssc value	Backup heater + Booster heater												
Notes	(1)	The above-mentioned power supply of the hydrobox is for the backup heater only. The optional domestic hot water tank has a separate power supply.											
	(2)	In accordance with EN/IEC 61000-3-11, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Zsys ≤ Zmax.											
	(3)	The equipment complies with EN/IEC 61000-3-12.											
	EN/IEC 61000-3-11	European/International Technical Standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 75 A.											
	EN/IEC 61000-3-12	European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and 75 A per phase.											
	Zsys	System impedance											

