

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)													
	Minimum Ssc value					(3)				(3)				
Only in case of EHB*:														
Booster heater (optional) (*KHW* models)	Capacity setting													
	Capacity stage													
	Minimum time delay between stages													
	Nominal running current		+ EK*V3	A										
	Booster heater		+ EK*Z2	A			7,5				7,5			
	Zmax	Booster heater	(2)											
			Complex											
Nominal running current	Backup heater +	Booster heater	Backup heater + EK*V3	A	26 (13+13)	28,1(15,1+13)	39 (26+13)	21,7 (8,7+13)	26 (13+13)	26 (13+13)	39 (26+13)	17,3 (4,3+13)	21,7 (8,7+13)	13
			Backup heater + EK*Z2	A				16,2 (8,7+7,5)	20,5 (13+7,5)				16,2 (8,7+7,5)	-
Minimum Ssc value	Backup heater +	Booster heater + EK*V3	kVA					(3)						
		Booster heater + EK*Z2	kVA						(3)					
Booster heater (EHVH*SU*CB6W + EHVH*CBV)	Capacity setting													
	Capacity stage													
	Minimum time delay between stages													
	Current	Nominal running current	Booster heater	A										
		Zmax	Booster heater (2)											
				Complex										
Nominal running current	Backup heater +	Booster heater	A											
Minimum Ssc value	Backup heater +	Booster heater	kVA											
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													

