

EBBH-D6V
 EBBH-D9W
 EBBX-D6V
 EBBX-D9W
 EBVH-D6V
 EBVH-D9W
 EBVH-UD6V
 EBVX-D6V
 EBVX-D9W

Electrical specifications of the backup heaters and booster heaters

		6V				9W								
Backup heater	Type													
	Capacity setting		[kW]	2 - 4	2 - 6	2-4 (in case of emergency: 2)		6	3 - 6	3 - 9	3 - 6 (in case of			
	Capacity stage 1			2	2	2	2	1	2	2	2	2		
	Capacity stage 2		kW	2	2	2	2	6	3	3	3	3		
	Capacity stage 2		kW	4	6	4	6	-	6	9	6	9		
	Minimum time delay between stages		Note 4				Note 4							
	Power supply (1)	Phase	1~				3~							
		Frequency	Hz				50							
	Current	Voltage	V				230 +10%							
		Nominal running current	A		17,4	26,1	17,4	26,1	15	8,7	13	8,7	13	
Zmax (backup heater) (2)														
Minimum Ssc value		kVA		(3)										
Booster heater (optional) (* KHW models)	Capacity setting		kW	3										
	Capacity stage 1			1										
	Minimum time delay between stages		Note 5											
	Nominal running current	+EK*V3		A										
	Booster heater	+EK*Z2						75						
	Zmax	Booster heater	(2)	Complex										
	Nominal running current	Backup heater +	Booster heater	Backup heater + EK*V3	A	30,4 (17,4+13)	39,1 (26,1+13)	30,4 (17,4+13)	39,1 (26,1+13)	28 (15 + 13)	21,7 (8,7+13)	26 (13+13)	21,7 (8,7+13)	26 (13+13)
				Backup heater + EK*Z2	A					22,5 (15 + 7,5)	16,2 (8,7+7,5)	20,5 (13+7,5)	16,2 (8,7+7,5)	20,5 (13+7,5)
	Minimum Ssc value	Backup heater +	Booster heater + EK*V3	kVA					(3)					
			Booster heater + EK*Z2	kVA					(3)	-	(3)	-	(3)	
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													

