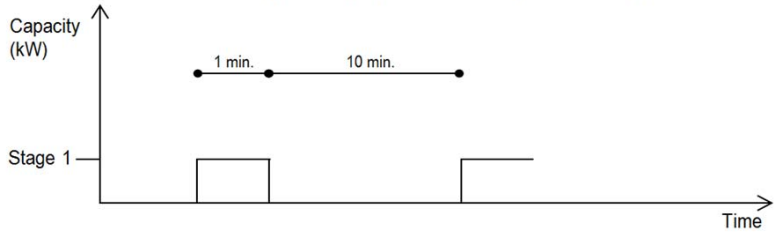
EHB(H/X)-CB

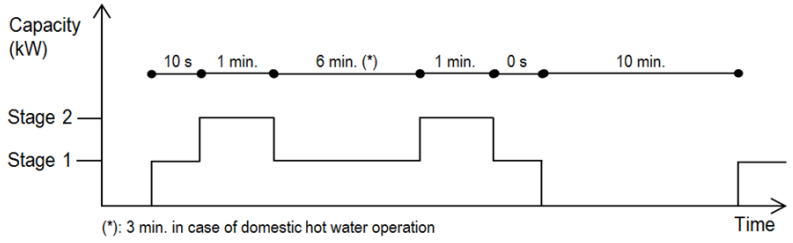
Electrical specifications Backup heater and Booster heater ·(*KHW* models)·										
Backup heater	Type				3V	9W				
	Capacity setting			kW	3	6	3	6	6	9
	Capacity stage				1	2	1	2	2	2
	Capacity stage 1			kW	3	3	3	3	3	3
	Capacity stage 2			kW	-	6	6	6	6	9
	Minimum time delay between stages				Note 4	Note 5				
	Power supply	Phase			1~	3~	1~	1~	3~	3~
	(1)	Frequency		Hz	50	50				
		Voltage		V	230	230	230	230	400	400
	Current	Nominal running current		A	13	15,1	13	26	8,7	13
		Zmax (backup heater) (2)		Ω	-	-	-	-	-	-
				Complex	-	-	-	-	-	-
		Minimum Ssc value		kVA	-	-	-	(3)	-	-
Booster heater (optional) (*KHW* models)	Capacity setting			kW	3	3	3	3	3	3
	Capacity stage				1	1	1	1	1	1
	Minimum time delay between stages				Note 6					
	Current	Nominal running current	+ EK*V3	A	26 (13+13)	28,1 (15,1+13)	26 (13+13)	39 (26+13)	21,7 (8,7+13)	26 (13+13)
			+ EK*Z2	A	-	-	-	-	16,2 (8,7+7,5)	20,5 (13+7,5)
		Minimum Ssc value	+ EK*V3	kVA	(3)	(3)	(3)	(3)	(3)	(3)
			+ EK*Z2	kVA	-	-	-	-	(3)	(3)
		Zmax (backup heater)		Ω	-	-	-	-	-	-
		Booster heater (*KHW* models) (2)		Complex	-	-	-	-	-	-

Notes		
	(1)	The above-mentioned power supply of the hydrobox is for the backup heater only. The switch box and the pump of the hydrobox are supplied with the outdoor unit. 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

Note 4 - Backup heater (3V) - min. time delay between stages

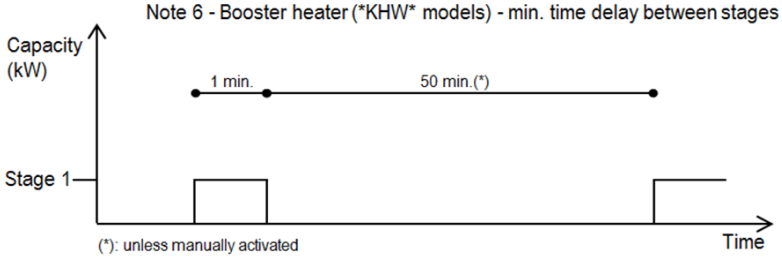


Note 5 - Backup heater (9W) - min. time delay between stages



(*): 3 min. in case of domestic hot water operation

Note 6 - Booster heater (*KHW* models) - min. time delay between stages



(*): unless manually activated

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