

Controller to central heating electrode (ion) boiler.

GH07EB



APPLICATION

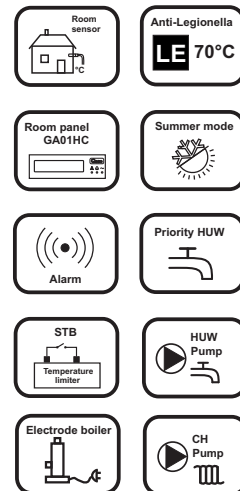
The GH07EB is a controller to heating electrode (ion) boiler.

The GH07EB supervises the process of preparing hot utility water (HUW cycle), allows to operate main heating circuit (central heating - CH cycle) and floor heating instalation.

The GH07EB controller has been fitted for full communication with the GA01HC room panel (manufactured by GECO) which allows to control boiler operation comfortably from user's apartment.

PROPERTIES

- modern and functional visualisation of casing
- four-section display of the LED type
- single-module construction enables comfortable installation on the boiler
- cooperation with the HUW pump (Hot Utility Water)
- disinfection of the HUW cycle (Anti-Legionella function)
- HUW priority function
- cooperation with room panel GA01HC (control boiler operation from user's apartment)
- SUMMER mode
- operation of additional temperature sensor use to control room temperature or safety sensor in prevention of high rise outlet temperature boiler
- possible to cooperate with any room thermostat
- possible to use temperatlimiter STB for safety reason
- sound signal for the alarm



PRODUCT VIEW



DIAGRAM OF CONNECTIONS

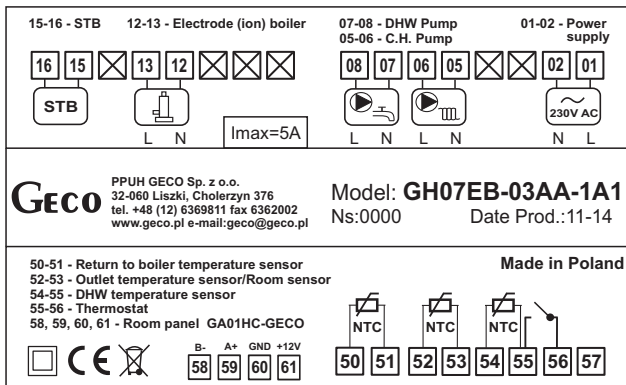
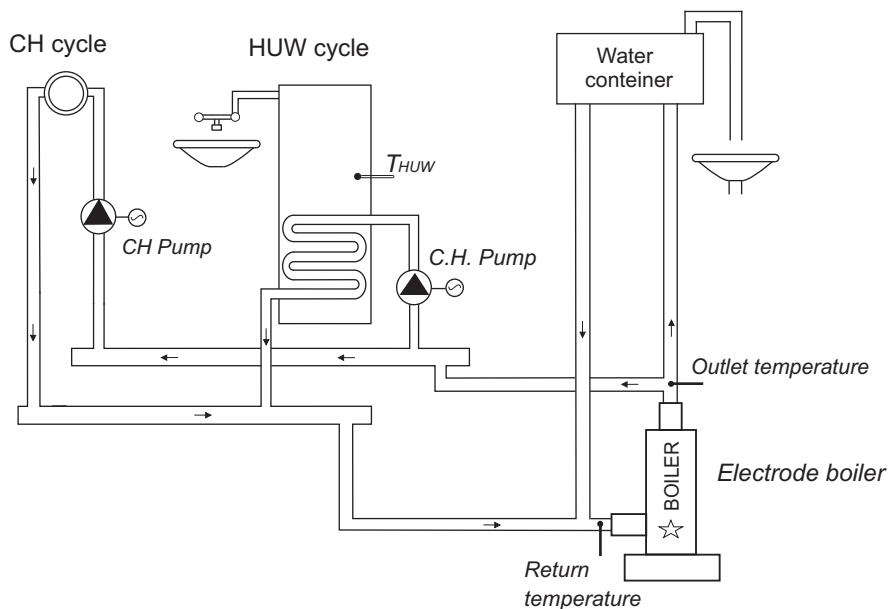


Diagram of electric connections					
Outputs			Inputs		
01	L	Power AC 230V	50,51	—	Return temperature sensor
02	N	Power AC 230V	52,53	—	Outlet temp/Room temp.
03	L	—	54,55	—	HUW temperature sensor
04	N	—	55,56	—	Thermostat
05	L	C.H. Pump	58	—	+12 V DC
06	N	C.H. Pump	59	—	GND
07	L	HUW Pump	60	—	RS-A
08	N	HUW Pump	61	—	RS-B
09	N	Boiler			
10	L	Boiler			

THE CONTROL HEATING SYSTEM SCHEMA



TECHNICAL DATA

Power supply voltage	230V AC +10%/-15%	
Fan protection	3,15A	
Working temperature	od +5°C do +40°C	
Relative humidity	20% ÷ 80% RH	
Sensors type	NTC - zakres: od 0°C do +100°C	

Wyjście	Maksymalne obciążenie ciągłe	
CH Pump	1A	200W
HUW Pump	1A	200W
Electrode boiler	1A	200W

Temp. sensor (NTC) 2,2 kΩ		
°C	Ω	
0	7174,89	
10	4374,83	
20	2747,10	
30	1774,91	
40	1172,09	
50	795,08	
60	547,95	
70	384,62	
80	275,86	
90	202,37	
100	149,16	

GH07EB equipment	
Standard equipment:	
1) return temperature boiler sensor	
2) outlet temperature sensor/ room temperature sensor	
Optional equipment:	
1) HUW temperature sensor	
Controls:	
1) CH Pump	
2) HUW Pump	
3) Electrode boiler	

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